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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**Form S-1**

REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

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**Ocean Power Technologies, Inc.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**4911**  
(Primary Standard Industrial  
Classification Code Number)

**22-2535818**  
(I.R.S. Employer  
Identification No.)

**28 Engelhard Drive, Suite B  
Monroe Township, NJ 08831  
(609) 730-0400**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**George H. Kirby  
Chief Executive Officer  
Ocean Power Technologies, Inc.  
28 Engelhard Drive, Suite B  
Monroe Township, NJ 08831  
(609) 730-0400**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*  
**Robert G. Reedy  
Kevin J. Poli  
Porter Hedges LLP  
1000 Main Street, 36th Floor  
Houston, Texas 77002  
Telephone: (713) 226-6674  
Telecopy: (713) 228-1331**

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Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this registration statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 check the following box. [ ]

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. [ ]

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. [ ]

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. [ ]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer [ ]

Non-accelerated filer [ ] (Do not check if a smaller reporting  
company)

Accelerated filer [ ]

Smaller reporting company [X]

Emerging growth company [ ]

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided to Section 7(a)(2)(B) of the Securities Act. [ ]

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**CALCULATION OF REGISTRATION FEE**

| <b>Title of Each Class<br/>of Securities<br/>to be Registered</b> | <b>Amount to be<br/>Registered<sup>(1)</sup></b> | <b>Proposed<br/>Maximum<br/>Offering Price<br/>Per Unit<sup>(2)</sup></b> | <b>Proposed<br/>Maximum<br/>Aggregate<br/>Offering Price</b> | <b>Amount of<br/>Registration Fee</b> |
|---|--|---|--|---------------------------------------|
| Common Stock, \$0.001 par value                                   | 3,671,820  | \$ 0.69   | \$ 2,533,555.80  | \$ 315.43                             |

- (1) Represents (i) 428,571 shares of common stock, par value \$0.001 per share, currently outstanding pursuant to a common stock purchase agreement (the "Purchase Agreement") with the selling stockholder named herein, and (ii) 3,243,249 shares of common stock that are issuable to the selling stockholder pursuant to the Purchase Agreement. Pursuant to Rule 416(a) of the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers any additional shares of common stock which may become issuable to prevent dilution from stock splits, stock dividends and similar events.
- (2) Estimated solely for calculating the amount of the registration fee, pursuant to Rule 457(c) under the Securities Act, on the basis of the average of the high and low sale prices of the common stock on the NASDAQ Capital Market on August 10, 2018, which date is within five business days prior to filing.

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**The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Commission acting pursuant to said section 8(a), may determine.**

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The information in this preliminary prospectus is not complete and may be changed. A registration statement has been declared effective by the Securities and Exchange Commission. This preliminary prospectus are not an offer to sell these securities and we are not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

**SUBJECT TO COMPLETION, DATED AUGUST 13, 2018**

**PRELIMINARY PROSPECTUS**

**3,671,820 Shares  
Common Stock**



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This prospectus relates to the sale of up to 3,671,820 shares of our common stock by Aspire Capital Fund, LLC (referred to in this prospectus as “Aspire Capital” or the “selling stockholder”), which includes 428,571 shares of our common stock that have previously been issued to Aspire Capital, and up to 3,243,249 shares of our common stock that we may issue at our option to Aspire Capital in the future, pursuant to a common stock purchase agreement entered into with Aspire Capital on August 13, 2018. The prices at which Aspire Capital may sell the shares will be determined by the prevailing market price for the shares or in negotiated transactions. We will not receive proceeds from the sale of the shares by the Aspire Capital. However, we may receive proceeds of up to \$10,000,000 from the sale of our common stock to Aspire Capital pursuant to the purchase agreement we entered into with Aspire Capital, once the registration statement, of which this prospectus is a part, is declared effective.

Aspire Capital is an “underwriter” within the meaning of the Securities Act. We will pay the expenses of registering these shares, but all selling and other expenses incurred by Aspire Capital will be paid by Aspire Capital.

Our common stock is listed on the Nasdaq Capital Market under the ticker symbol “OPTT.” On August 10, 2018, the last reported sale price per share of our common stock was \$0.675 per share.

You should read this prospectus and any prospectus supplement, together with additional information described under the headings “Incorporation of Certain Documents by Reference” and “Where You Can Find More Information,” carefully before you invest in any of our securities.

**Investing in our common stock involves a high degree of risk. See “Risk Factors” beginning on page 9 of this prospectus and in our reports filed with the Securities and Exchange Commission which are incorporated by reference herein for a discussion of information that should be considered in connection with an investment in our common stock.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

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The date of this prospectus is \_\_\_\_\_, 2018.

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## ABOUT THIS PROSPECTUS

You should rely only on the information contained in or incorporated by reference into this prospectus and in any written communication from us, including any free writing prospectus. We do not have authorized anyone to provide you with additional or different information. We are not making an offer of these securities in any state where the offer or sale is not permitted. In making an investment decision, prospective investors must rely on their own examination of us and the terms of the offering, including the merits and risks involved. None of Ocean Power Technologies, Inc. or any of its representatives is making any representation to you regarding the legality of an investment decision in our common stock by you under applicable laws. You should not assume that the information provided by this prospectus or the documents incorporated by reference in this prospectus is accurate as of any date other than its respective date. Our business, financial condition, results of operations, and prospects may have changed since those dates.

Before you invest in our common stock, you should carefully read this prospectus and the documents incorporated by reference herein. The incorporated documents are described in this prospectus under the heading “Incorporation of Certain Documents by Reference.”

This prospectus contains forward-looking statements that are subject to a number of risks and uncertainties, many of which are beyond our control. Please read “Risk Factors” and “Cautionary Note Regarding Forward-Looking Statements.”

Certain industry and market data presented in this prospectus has been derived from data included in various industry publications, surveys and forecasts. We have assumed the correctness and truthfulness of such data, including projections and estimates, when we use them in this prospectus.

## PROSPECTUS SUMMARY

*This summary highlights information contained elsewhere in or incorporated by reference into this prospectus. Because this summary provides only a brief overview of the key aspects of the offering, it does not contain all of the information that you should consider before investing in our common stock. You should read the entire prospectus carefully, including “Risk Factors” beginning on page 9, “Cautionary Note Regarding Forward-Looking Statements” beginning on page 12 and the documents incorporated by reference, which are described under “Incorporation of Certain Documents by Reference,” before making an investment decision. As used in this prospectus, unless otherwise indicated, “we,” “our,” “us,” “company” or similar terms refer collectively to Ocean Power Technologies, Inc. and its operating subsidiaries.*

### Overview

Nearly 70% of the Earth’s surface is covered by water, and over 40% of the world’s population lives within approximately 150 miles of a coast. Thousands of information gathering and/or power systems are deployed in the oceans today to increase our understanding of weather, climate change, biological processes, and marine mammal patterns as well as supporting exploration and operations for industries such as oil and gas. Most of these systems are powered by battery, solar, wind, fuel cell, or fossil fuel generators that may be unreliable and expensive to operate while they also may be limited in their ability to deliver ample electric power. These current systems often necessitate significant tradeoffs in sensor accuracy, data processing and communications bandwidth and frequency in order to operate given limited available power. More persistent power systems requiring less maintenance, such as our systems, may have the ability to save costs over these current systems. Equally important are increases in available power which may allow for better sensors, faster data sampling and higher frequency communication intervals up to real-time which could improve scientific and economic returns.

Founded in 1984 and headquartered in Monroe Township, New Jersey, we believe we are the leader in ocean wave power conversion technology. Our PB3 PowerBuoy™ is our first fully commercial product which generates electricity by harnessing the renewable energy of ocean waves. In addition to our PB3 PowerBuoy™, we continue to develop our PowerBuoy™ product line based on modular, ocean-going buoys, which we have been periodically ocean testing since 1997.

The PB3 PowerBuoy™ generates power for use in remote offshore locations, independent of a conventional power grid. It features a unique onboard power take-off (“PTO”) system, which incorporates both energy storage and energy management and control systems. The PB3 generates a nominal name-plated capacity rating of up to 3 kilowatts (“kW”) of peak power during recharging of the onboard batteries. Power generation is deployment-site dependent whereby average power generated can increase substantially at very active sites. Our standard energy storage system (“ESS”) has an energy capacity of up to a nominal 150 kilowatt-hours (“kWh”) to meet specific application requirements. We believe there is a substantial addressable market for the current capabilities of our PB3, which we believe could be utilized in a variety of applications.

In addition to leveraging earlier design aspects of our autonomous PowerBuoy™, the PB3 has undergone extensive factory and in-ocean design validation testing. Currently, our engineering efforts are continuing to expand the PowerBuoy™ capability with simplified deployment and mooring options and working together with our customer base to ensure flexible systems integration and to optimize energy output. Our marketing efforts are focused on applications in remote offshore locations that require reliable and persistent power and communications, either by supplying electric power to payloads that are integrated directly in or on our PowerBuoy™ or located in its vicinity, such as on the seabed and in the water column.

Based on our market research and publicly available data, we believe that numerous markets have a direct need for our PowerBuoy™ including oil and gas, science and research, defense and security, and communications. Depending on payload power requirements, sensor types and other considerations, we have found that our PowerBuoy™ could satisfy several application requirements within these markets. We believe that the PB3 consistently generates sufficient power to meet the requirements of many potential customer applications within our target markets.

## Competitive Advantages

We are commercializing our PB3 PowerBuoy™ by targeting customers principally in four markets that require reliable and persistent power sources in remote offshore locations (as discussed in further detail below). We believe that our wave energy products and services, and our existing commercial relationships provide the following competitive advantages in our target markets.

- *Numerous applications within multiple, major market segments.* We have designed our PB3 PowerBuoy™ to address multiple offshore applications around the world. In particular, we are targeting customers with multiple applications within the oil and gas, defense and security, ocean observing, and communications markets.
- *Considerable life-cycle cost savings over current solutions for many applications.* Our PB3 PowerBuoy™ is designed to operate over extended intervals between required servicing, compared to several current solutions which we found to require more servicing using offshore vessels. We believe that our PB3 PowerBuoy™ reduces costs over multi-year operations compared with current solutions. These cost reductions are mostly due to reduced vessel and personnel servicing activities.
- *Real-time data communications.* Some current solutions with less available power than our PowerBuoy™ may have limited communication capabilities or may be able to communicate data only over shorter periods due to power limitations. Some current solutions may only make data accessible upon physical retrieval of the sensor. Our PowerBuoy™ can be equipped with a variety of communications equipment, such as 4G LTE, satellite (VSAT) and Wi-Fi, which enables the transmission of data on a more frequent basis. We believe that more frequent data communication could enable an end-user to more quickly and proactively make data-driven decisions which could result in economic advantages.
- *Increased power and persistence compared to certain current solutions.* We have found that our PowerBuoy™ may provide substantially increased power and persistence than certain existing battery and solar powered systems. We believe that this may allow additional sensors to be employed at the same site, a higher sensor data transmission rate to be achieved, extended operation and reduced downtime, and improved operational costs for the customer. Enabling these new capabilities may contribute to enhanced operations through real-time decision making and increased life-cycle cost savings.
- *Standard transportation and deployment.* Our PB3 PowerBuoy™ does not require special handling or transportation, and instead uses conventional transportation and handling methods that are economical and readily available in standard marine operations. This may result in lower global transportation and deployment costs than current solutions. Our PB3 PowerBuoy™ can be deployed using conventional vessels and conventional marine cranes and lifts.
- *Modular and scalable designs.* Our PB3 PowerBuoy™ is designed with a modular ESS which allows us to tailor its configuration to specific application requirements, including expansion of energy storage capacity, potentially allowing for a more customized solution and potential cost savings for our customers. We believe that our PowerBuoy™ is scalable to higher power levels, and multiple PowerBuoy™ may also be installed in an array in order to achieve higher levels of aggregate power, although we have not yet demonstrated a PowerBuoy™ array.
- *Flexible electrical, mechanical and communication interfaces for sensors.* The PB3 PowerBuoy™ can be equipped with payloads, either mounted on or within the PowerBuoy™, or tethered to the PowerBuoy™. The PB3 PowerBuoy™ has mechanical and electrical interfaces which allow for simplified integration of payloads, creating flexibility for the end-user.
- *Environmentally benign and aesthetically non-intrusive system design.* We believe that our PB3 PowerBuoy™ does not present significant risks to marine life, or emit significant levels of pollutants, and therefore has minimal environmental impact as compared to some other current solutions. We believe there is no significant audible impact and our system does not have a negative effect on marine life, as validated by the U.S. Navy and DOE.



- *Ocean and factory-tested technology.* Our PB3 PowerBuoy™ is designed to be durable, with a three-year interval between required maintenance activities. The PB3 has survived hurricanes and tropical storms during harsh sea conditions. Since 1997 we have conducted ocean tests to demonstrate the viability of our technology. In 2011, we conducted multiple ocean tests of the predecessor PB3 PowerBuoy™ under a contract with the U.S. Navy. More recently, we conducted multiple ocean tests of our current generation PB3 PowerBuoy™, including our now commercial version. In 2015, we instituted factory-based PTO-accelerated life testing which simulates continuous operations under extremely harsh conditions. During the 2017 fiscal year, we also implemented additional features to accommodate the feedback received from potential customers and end-users in support of further simplifying ocean deployments and increasing product application versatility. Further, we also focused on standardizing manufacturing and production testing procedures and worked closely with our supply base in order to ensure production repeatability. To date, we have achieved over 67 million cumulative strokes across our fleet of power takeoffs with no material failures in our commercial PTO design. This is equivalent to more than four cumulative years of continuous typical ocean operation for the markets we are pursuing.
- *Efficient design in harnessing wave energy.* We have designed and validated our PB3 PowerBuoy™ for maximized power generation in average ocean wave conditions through optimized mechanical to electrical wave energy conversion. We have designed the onboard ESS to provide several days of continuous rated power during periods of low or no wave activity, depending on payload power consumption. The PB3 PowerBuoy™ is equipped with a variety of communication capabilities including satellite, cellular, and Wi-Fi that are capable of transmitting payload data in real time (e.g., sensors or equipment that require power and communications capabilities), subject to the limits of the service provider.
- *Prior commercial relationships enabled the development of our technology.* Our prior and existing relationships with the U.S. Navy, DOE, U.S. Department of Homeland Security and MES have allowed us to develop our PB3 PowerBuoy™ for a variety of needs in various industries. We believe these relationships have helped position us within the private sector in support of commercialization, which we believe enhances our market visibility and attractiveness to our prospective customers. For example, in 2011 our PowerBuoy™ provided persistent power to an integrated radar and sonar system, significantly extending the U.S. Navy's surveillance range. We have also demonstrated persistent maritime vessel detection with the U.S. Department of Homeland Security by integrating a hydrophone onto our PowerBuoy™ and demonstrating enhanced maritime traffic detection. In each instance, the resulting data have informed our next design iterations to improve critical operations and reliability.

### **Business Strategy**

We continue to commercialize our PB3 PowerBuoy for use in remote offshore power and real-time data communications applications, and in order to achieve this goal, we are pursuing the following business objectives.

- *Sell and/or lease the PB3 PowerBuoy™.* We believe our PB3 PowerBuoy™ is well suited for many remote offshore applications. We have observed potential market demand for both PowerBuoy™ sales and leases within our selected markets, and we intend to sell and lease the PB3 PowerBuoy™ to these markets. Additionally, we intend to provide services associated with product sales and leases such as maintenance, remote monitoring and diagnostic, application engineering, planning, training, and logistics support required for the PB3 PowerBuoy™ life-cycle. We continue to increase our commercial capabilities through new hires in marketing, sales, and application support, and through engagement of expert market consultants in various geographies.

- *Concentrate sales and marketing efforts in specific geographic markets.* We are currently focusing our marketing efforts in North America, Europe, Australia, and parts of Asia and South America. We believe that each of these areas has sizable end market opportunities, political and economic stability, and high levels of industrialization and economic development.
- *Expand our relationships in key market areas through strategic partnerships and collaborations.* We believe that strategic partners are an important part of commercializing a new product. Partnerships and collaborations can be used to improve the development of overall integrated solutions, create new market channels, expand commercial know-how and geographic footprint, and bolster our product delivery capabilities. We believe that offering a turn-key solution, and not just power, is key to securing long term success.
  - *Commercial collaborations.* We believe that an important element of our business strategy is to collaborate with other organizations to leverage our combined expertise, market presence and access, and core competences across key markets. We have formed such a relationship with several well-known groups, including MES in Japan, PMO in the United Kingdom, Eni in Italy, the National Data Buoy Center (“NDBC”), the Wildlife Conservation Society (“WCS”), Sonalysts (with expertise in subsea and surface communications, systems integration, and big-data management), and HAI Technologies (an innovative company focusing on bringing new capabilities to the oil and gas industry). We continue to seek other opportunities to collaborate with application experts from within our selected markets.
  - *Outsourcing of fabrication, deployment and service support.* We outsource all fabrication, anchoring, mooring, cabling supply, and in most cases deployment of our PowerBuoy™ in order to minimize our capital requirements as we scale our business. Our PTO is a proprietary subsystem and is assembled and tested at our facility. We believe this distributed manufacturing and assembly approach enables us to focus on our core competencies and ensure a cost-effective product by leveraging a larger more established supply base. We also continue to seek strategic partnerships with regard to servicing of our PB3 PowerBuoy™.
- *PB3 cost reduction and PowerBuoy™ product development.* Our engineering efforts are focused on customer application development for PB3 sales, cost reduction of our PB3 PowerBuoy™ and improving the energy output, reliability, maintenance interval and expected operating life of our PowerBuoy™. We continue to optimize manufacturability of our designs with a focus on cost competitiveness, and we believe we will be able to address new applications by developing new products that increase energy output.

### **Market Opportunity**

The National Oceanographic and Atmospheric Administration (“NOAA”) Ocean Enterprise Report for 2016 estimated that the annual market for what NOAA describes as the “Ocean Enterprise” is \$8.5 billion. The report addressed for-profit and not-for-profit businesses that support ocean measurement, observation and forecasting. Among the market sectors included in the report are oil and gas, science and research and security and defense sectors. We believe that this report addresses only a segment of the potential market opportunities that we are targeting.

### **Oil and Gas**

We believe the offshore oil and gas industry is undergoing a significant transformation as it continues to invest in new technologies that enable cost savings and the digitization of operations. The industry encompasses more than 10,000 offshore sites, including exploration, production, reservoir management, and sites pending decommissioning based on information from the U.S. Bureau of Safety and Environmental Enforcement and industry organizations and publications. We believe that we have opportunities to implement one or more PB3 PowerBuoy™ at a large number of these sites to provide power in applications that are not currently possible, or to displace current power solutions.

## **Science and Research**

Science and research provides environmental intelligence to the entire ocean enterprise, which supports ocean measurement, observation and forecasting, and is an important provider of information to maritime commerce and the entire “blue economy.” Maritime commerce and the scientific community depend on information from areas such as meteorology, climate change, ocean seismometry currents, and biological processes in order to inform operations and development. These groups often require a power and communications solution in remote offshore locations. According to NOAA’s 2016 Ocean Enterprise report, the total U.S. available ocean observing market from 2017 through 2021 for ocean-based systems infrastructure is projected to be \$2.0 billion.

## **Security and Defense**

We believe that our PB3 PowerBuoy™ is uniquely positioned to be used to provide power and communications for multiple applications within the security and defense market. The PB3’s ability to power multiple payloads may be an attractive feature for defense and security, as their systems can be easily integrated into other PowerBuoy™ applications allowing their operation to be concealed. An example application for domestic and international defense departments and defense contractors includes forward deployed energy and communications outposts (which is a current U.S. Department of Defense program), both above and below sea surface. Other example applications include early detection and warning systems, remote sensing stations, high frequency radar, sonar, electro-optical and infrared sensors for maritime security, network communications systems, and unmanned underwater vehicle docking stations. According to a 2014 Frost and Sullivan report, market expenditures for global security reached \$29.0 billion in 2012 and are projected to reach \$56.5 billion in 2022. Maritime security expenditures were approximately 45% of the global security market.

## **Communications**

We believe that opportunities also exist in other markets such as communications. The addition of near shore and offshore cellular and Wi-Fi platforms with reliable and persistent power could open new market opportunities for telecommunications carriers by displacing a portion of the maritime satellite communications market, while potentially decreasing communications costs for the marine, offshore oil and gas, and airline industries. As an example, according to a 2015 Frost & Sullivan Oil & Gas Satellite Communications market report, the estimated 2020 annual spend on satellite communications in the oil and gas market is projected to be \$459 million. According to an industry research paper titled “Prospects for Maritime Satellite Communications.” in 2015 the global maritime satellite communications market has already reached close to 338,000 terminals, with \$1.7 billion in revenue at the satellite communications service provider level. The report also notes that the value of the maritime satellite communications market is expected to continue to grow over the next decade, with a 10-year compound annual growth rate of 5% in terminals and revenue, primarily due to the increasing need for maritime data communications.

## **Implementation Strategy**

We have made significant progress in redesigning and validating our commercial-ready PB3 PowerBuoy™ for use in remote offshore applications. Since 2015, we have brought the PB3 from initial concept to a full-scale design. We have performed multiple prototype iterations. During this time, we have conducted a number of in-ocean tests in combination with our facility-based accelerated life testing to validate our commercial-ready PB3 PowerBuoy™ and to prepare for low rate initial production. In 2017, we relocated our corporate headquarters to Monroe Township, New Jersey. We believe that this will allow us to expand our manufacturing capabilities and to move toward higher volume PowerBuoy™ production. Likewise, we have made progress in marketing our PB3 PowerBuoy™, as evidenced by additional requests for proposals. We are developing a new approach from R&D to commercialization of SELL, BUILD, SHIP as our motto and we intend to build on our success by implementing processes and solutions that cover the entire life cycle, from demand generation to closing the contract, and from channel strategies to customer care.

Since 2015, we have had initial introductions or meetings with nearly 200 companies and organizations within our target markets. A large proportion of these engagements (approximately 75%) were U.S.-based, while the remaining engagements occurred in Europe, Australia, and parts of Asia including Japan. One-third of all engagements have transitioned from initial introductions to advanced, confidential discussions around specific customer applications. Many of these discussions occur at the executive, decision-making level, as well as the implementation level.

As previously noted, several of these customer application discussions have resulted in requests for proposals. Many proposal requests are for projects where our PB3 PowerBuoy™ is part of a larger solution demonstration, and typically include the potential lease or sale of one or more PB3 PowerBuoys™, as well as required services and maintenance support. Demonstration projects are a necessary step toward broad solution deployment and revenues associated with specific applications. A proposal phase typically lasts from three months to more than one year. During the demonstration project specification, negotiation and evaluation period, we are often subject to the prospective customer's vendor qualification process, which entails substantial due diligence of our company and capabilities and may include negotiation of standard terms and conditions. Many proposals contain provisions which would mandate the sale or lease of the PB3 PowerBuoy™ upon successful conclusion of the demonstration project.

We believe this is an accurate depiction of the overall sales cycle for new technology in each of our target markets, including the PB3 PowerBuoy™. However, cycle times for each step of the sales cycle will vary depending on several customer factors, including, but not limited to, technical evaluation, project priorities, the funding approval process, and alignment of new technology integration with the customer's broader operational strategy. We believe that the resulting evidence of potential demand, vis-à-vis specific application proposal requests, are indicative of significant progress in our commercialization strategy. We believe that we have the potential for growth as a result of our positioning for higher volume production of our PB3 PowerBuoy™ and the initial indications of demand for our PB3 PowerBuoy™ in multiple customer applications.

### **Corporate Information**

Our principal executive offices are located at 28 Engelhard Drive, Monroe Township, New Jersey. Our telephone number is (609) 730-0400. We were incorporated in New Jersey in 1984 and reincorporated in Delaware in 2007. We maintain a website at [www.oceanpowertechnologies.com](http://www.oceanpowertechnologies.com) where general information about us is available. We are not incorporating the contents of the website into this prospectus.

## THE OFFERING

|   |   |
|---|---|
| Common stock offered by the selling stockholder | 3,671,820 shares.   |
| Common stock outstanding                        | 18,368,286 shares, as of July 31, 2018.   |
| Use of proceeds                                 | <p>The selling stockholder will receive all of the proceeds from the sale of the shares offered for sale by it under this prospectus. We will not receive proceeds from the sale of the shares by the selling stockholder. However, we may receive up to \$10,000,000 in proceeds from the sale of our common stock to the selling stockholder under the common stock purchase agreement described below.</p> <p>Any proceeds from the selling stockholder that we receive under said common stock purchase agreement are expected to be used for expanding our sales and marketing through new hires and target market experts, increasing product manufacturing capabilities, and building additional PowerBuoys to meet potential market demand, and for other general corporate purposes. This may include additional development, testing and demonstrations of our PowerBuoy system with the goal of furthering and accelerating our commercialization efforts.</p> |
| Dividend policy                                 | We have not declared or paid any cash or other dividends on our common stock, and do not expect to declare or pay any cash or other dividends on our common stock in the foreseeable future.  |
| Risk factors                                    | You should consider carefully the risks discussed under the “Risk Factors” beginning on page 9 of this prospectus, as well as those described in our Annual Report on Form 10-K for the year ended April 30, 2018, and the other disclosures contained or incorporated by reference herein and therein.   |
| NASDAQ Capital Market symbol                    | OPTT  |

On August 13, 2018, we entered into a common stock purchase agreement (referred to in this prospectus as the “Purchase Agreement”), with Aspire Capital, which provides that, upon the terms and subject to the conditions and limitations set forth therein, Aspire Capital is committed to purchase up to an aggregate of \$10,000,000 of our shares of common stock over the approximately 30-month term of the Purchase Agreement. In consideration for entering into the Purchase Agreement, concurrently with the execution of the Purchase Agreement, we issued to Aspire Capital 428,571 shares of our common stock as a commitment fee (referred to in this prospectus as the “Commitment Shares”). Concurrently with entering into the Purchase Agreement, we also entered into a registration rights agreement with Aspire Capital (referred to in this prospectus as the “Registration Rights Agreement”), in which we agreed to file one or more registration statements, including the registration statement of which this prospectus is a part, as permissible and necessary to register under the Securities Act, the sale of the shares of our common stock that have been and may be issued to Aspire Capital under the Purchase Agreement.

As of July 31, 2018, there were 18,368,286 shares of our common stock outstanding excluding the 3,671,820 shares offered that have been issued or may be issuable to Aspire Capital pursuant to the Purchase Agreement. If all of such 3,671,820 shares of our common stock offered hereby were issued and outstanding as of the date hereof, such shares would represent 17% of the total common stock outstanding. The number of shares of our common stock ultimately offered for sale by Aspire Capital is dependent upon the number of shares purchased by Aspire Capital under the Purchase Agreement. The number of shares of common stock outstanding excludes (i) options outstanding as of that date representing the right to purchase a total of 359,954 shares of common stock at a weighted average exercise price of approximately \$3.22 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are exercisable at a price of \$9.36.

Pursuant to the Purchase Agreement and the Registration Rights Agreement, we are registering 3,671,820 shares of our common stock under the Securities Act, which includes the Commitment Shares that have already been issued to Aspire Capital and up to 3,243,249 shares of common stock which we may issue to Aspire Capital after this registration statement is declared effective under the Securities Act. All 3,671,820 shares of common stock are being offered pursuant to this prospectus.

After the Securities and Exchange Commission (the “SEC”) has declared effective the registration statement of which this prospectus is a part, on any trading day on which the closing sale price of our common stock exceeds \$0.25 (the “Floor Price”), we have the right, in our sole discretion, to present Aspire Capital with a purchase notice (each, a “Purchase Notice”), directing Aspire Capital (as principal) to purchase up to 200,000 shares of our common stock per trading day, at a per share price (the “Purchase Price”) equal to the lesser of (i) the lowest sale price of our common stock on the purchase date, or (ii) a price calculated by reference to the prevailing market price of our common stock (as more specifically described below); however, no sale pursuant to a Purchase Notice may exceed \$300,000 per trading day.

In addition, on any date on which we submit a Purchase Notice, we also have the right, in our sole discretion, to present Aspire Capital with a volume-weighted average price purchase notice (each, a “VWAP Purchase Notice”) directing Aspire Capital to purchase an amount of stock equal to up to 30% of the aggregate shares of the Company’s common stock traded on NASDAQ on the next trading day (the “VWAP Purchase Date”), subject to a maximum number of shares we may determine (the “VWAP Purchase Share Volume Maximum”) and a minimum trading price (the “VWAP Minimum Price Threshold”) (as more specifically described below). The purchase price per Purchase Share pursuant to such VWAP Purchase Notice (the “VWAP Purchase Price”) is calculated by reference to the prevailing market price of our common stock (as more specifically described below).

The Purchase Agreement provides that the Company and Aspire Capital shall not effect any sales under the Purchase Agreement on any purchase date where the closing sale price of our common stock is less than (the Floor Price. This Floor Price and the respective prices and share numbers in the preceding paragraphs shall be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction. There are no trading volume requirements or restrictions under the Purchase Agreement, and we will control the timing and amount of any sales of our common stock to Aspire Capital. Aspire Capital has no right to require any sales by us, but is obligated to make purchases from us as we direct in accordance with the Purchase Agreement. There are no limitations on use of proceeds, financial or business covenants, restrictions on future fundings, rights of first refusal, participation rights, penalties or liquidated damages in the Purchase Agreement. Aspire Capital may not assign its rights or obligations under the Purchase Agreement. The Purchase Agreement may be terminated by us at any time, at our discretion, without any penalty or cost to us.

## RISK FACTORS

*Investing in our common stock involves substantial risk. You should carefully consider the risk factors disclosed below as well as those contained in our most recent Annual Report on Form 10-K, which is incorporated by reference herein, as updated by our subsequent filings under the Securities Exchange Act of 1934, as amended (the “Exchange Act”) and the other information contained in this prospectus before acquiring any of our common stock. These risks could have a material adverse effect on our business, results of operations or financial condition and cause the value of our common stock to decline. You could lose all or part of your investment.*

*This prospectus also contains or incorporates by reference forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those anticipated in the forward-looking statements as a result of certain factors, including the risks faced by us described or incorporated by reference in this prospectus. See “Cautionary Statement Regarding Forward-Looking Information.”*

### **Risks Relating to Our Common Stock**

***We may issue or sell shares of our common stock or securities convertible or exchangeable for our common stock in the future and this may depress our stock price.***

We are registering for sale the Commitment Shares that we have issued and up to an additional 3,243,249 shares that we may sell to Aspire Capital under the Purchase Agreement. It is anticipated that shares registered in this offering will be sold by Aspire Capital over a period of up to approximately 30 months from the date of this prospectus. As of July 31, 2018, there were 18,368,286 shares outstanding, excluding (i) options outstanding as of that date representing the right to purchase a total of 359,954 shares of common stock at a weighted average exercise price of approximately \$3.22 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are currently exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are currently exercisable at a price of \$9.36.

***Our stockholders may experience substantial dilution in the value of their investment or their ownership interest as a result of this offering or if we issue additional shares of our capital stock in the future.***

We are registering for sale the Commitment Shares that we have issued and up to an additional 3,243,249 shares that we may sell to Aspire Capital under the Purchase Agreement. It is anticipated that shares registered in this offering will be sold by Aspire Capital over a period of up to approximately 30 months from the date of this prospectus. The number of shares of common stock that we may sell under the Purchase Agreement may exceed 3,243,249 shares, depending on the sales price. Depending upon market liquidity at the time, sales of shares of our common stock under the Purchase Agreement may cause the trading price of our common stock to decline.

We may also sell shares or other securities in any other offering at a price per share that is less than the price per share paid by existing investors, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock or securities convertible or exchangeable into common stock in future transactions may be higher or lower than the price per share paid by other investors.

In addition, we have a significant number of stock options and warrants outstanding. To the extent that outstanding stock options or warrants have been or may be exercised or other shares are issued, investors purchasing our common stock in this offering may experience further dilution. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders or result in downward pressure on the price of our common stock.

***Management will have broad discretion as to the use of any proceeds received under the Purchase Agreement and we may not use the proceeds effectively.***

Our management will have broad discretion as to the application of any net proceeds received from Aspire Capital under the Purchase Agreement, and could spend the proceeds in ways that do not necessarily improve our operating results or enhance the value of our common stock.

***We may issue debt and equity securities or securities convertible into equity securities, any of which may be senior to our common stock as to distributions and in liquidation, which could negatively affect the value of our common stock.***

In the future, we may attempt to increase our capital resources by entering into debt or debt-like financing that is unsecured or secured by some or all of our assets, or by issuing additional debt or equity securities, which could include issuances of secured or unsecured commercial paper, medium-term notes, senior notes, subordinated notes, guarantees, preferred stock, hybrid securities, or securities convertible into or exchangeable for equity securities, any of which may rank senior to our common stock. In the event of our liquidation, our lenders and holders of our debt and preferred securities would receive distributions of our available assets before distributions to the holders of our common stock. Because our decision to incur debt and issue securities in future offerings may be influenced by market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future offerings or debt financings. Further, market conditions could require us to accept less favorable terms for the issuance of our securities in the future.

***As a smaller reporting company, we are subject to scaled disclosure requirements that may make it more challenging for investors to analyze our results of operations and financial prospects.***

Currently, we are a “smaller reporting company,” meaning that our outstanding common stock held by non-affiliates had a market value of less than \$75 million as of October 31, 2017. As a “smaller reporting company,” we are able to provide simplified executive compensation disclosures in our filings; are exempt from the provisions of Section 404(b) of the Sarbanes-Oxley Act requiring that independent registered public accounting firms provide an attestation report on the effectiveness of internal control over financial reporting; and have certain other decreased disclosure obligations in our filings with the SEC, including being required to provide only two years of audited financial statements in annual reports. Consequently, it may be more challenging for investors to analyze our results of operations and financial prospects.

Furthermore, a material weakness in internal controls may remain undetected for a longer period because of our extended exemption from the auditor attestation requirements under Section 404(b) of the Sarbanes-Oxley Act.

***Historically, our stock price has been volatile and this is likely to continue; purchasers of our common stock could incur substantial losses as a result.***

Historically, the market price of our common stock has fluctuated significantly, and we expect that this will continue. Purchasers of our common stock could incur substantial losses relating to their investment in our stock as a result. For the twelve month period ending April 30, 2018, the 52-week high and low prices for our common stock were \$2.54 and \$1.02, respectively. Also, the stock market in general has recently experienced volatility that has often been unrelated or disproportionate to the operating performance of particular companies. These broad market fluctuations could result in fluctuations in the price of our common stock, which could cause purchasers of our common stock to incur substantial losses. The market price for our common stock may be influenced by many factors, including:

- developments in our business or with respect to our projects;
- the success of competitive products or technologies;
- regulatory developments in the United States and foreign countries;
- developments or disputes concerning patents or other proprietary rights;
- the recruitment or departure of key personnel;
- quarterly or annual variations in our financial results or those of companies that are perceived to be similar to us;
- market conditions in the conventional and renewable energy industries and issuance of new or changed securities analysts’ reports or recommendations;



- the failure of securities analysts to cover our common stock or changes in financial estimates by analysts;
- the inability to meet the financial estimates of analysts who follow our common stock;
- investor perception of our company and of our targeted markets; and
- general economic, political and market conditions.

***We have never paid cash dividends on our common stock, and we do not anticipate paying any cash dividends in the foreseeable future.***

We have not paid any cash dividends on our common stock to date. We currently intend to retain our future earnings, if any, to fund the development and growth of our business. In addition, the terms of any future debt agreements may preclude us from paying dividends. As a result, capital appreciation, if any, of our common stock will be the sole source of gain for our stockholders for the foreseeable future.

***Provisions in our corporate charter documents and under Delaware law may delay or prevent attempts by our stockholders to change our management and hinder efforts to acquire a controlling interest in us.***

As a result of our reincorporation in Delaware in April 2007, provisions of our certificate of incorporation and bylaws may discourage, delay or prevent a merger, acquisition or other change in control that stockholders may consider favorable, including transactions in which our stockholders might otherwise receive a premium for their shares. These provisions may also prevent or frustrate attempts by our stockholders to replace or remove our management. These provisions include:

- advance notice requirements for stockholder proposals and nominations;
- the inability of stockholders to act by written consent or to call special meetings; and
- the ability of our Board of Directors to designate the terms of and issue new series of preferred stock without stockholder approval, which could be used to institute a “poison pill” that would work to dilute the stock ownership of a potential hostile acquirer, effectively preventing acquisitions that have not been approved by our Board of Directors.

The affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote is necessary to amend or repeal the above provisions of our certificate of incorporation. In addition, absent the approval of our Board of Directors, our bylaws may only be amended or repealed by the affirmative vote of the holders of at least 75% of our shares of capital stock entitled to vote.

In addition, Section 203 of the Delaware General Corporation Law prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder, which is generally a person who together with its affiliates owns or within the last three years has owned 15% of our voting stock, for a period of three years after the date of the transaction in which the person became an interested stockholder, unless the business combination is approved in a prescribed manner. Accordingly, Section 203 may discourage, delay or prevent a change in control of our company.

***We are at risk of being de-listed from The NASDAQ Stock Market if we do not regain compliance with the minimum \$1 bid price per share required by NASDAQ rules.***

On August 9, 2018, we received a letter from The NASDAQ Stock Market informing us that the closing bid price of our common stock has been below \$1.00 per share for a period of 30 consecutive trading days, and as a result, we are not in compliance with the minimum bid price requirement for continued listing. Under the NASDAQ Listing Rules), we have a grace period of 180 calendar days, or until February 5, 2019, in which to regain compliance with the minimum bid price rule. To regain compliance, the closing bid price of our common stock must meet or exceed \$1.00 per share for a minimum of ten consecutive business days during this grace period. If we do not regain compliance before February 5, 2019, the NASDAQ stated that it will provide us with written notice that our securities are subject to delisting. At that time, we may appeal the NASDAQ’s determination to a NASDAQ Listing Qualifications Panel, which would stay any further delisting action by the NASDAQ pending a final decision by the panel. Alternatively, we may be eligible for an additional 180 calendar day grace period if we meet the continued listing standards, with the exception of bid price, for the NASDAQ Capital Market, and we state our intent to effect a reverse split, if necessary, to cure such deficiency.

We actively monitor the price of our common stock and will consider all available options to regain compliance with the continued listing standards of the NASDAQ.

***If securities or industry analysts fail to cover us, or do not publish research or publish unfavorable or inaccurate research about our business, our stock price and trading volume could decline.***

The trading market for our common stock is influenced by the research and reports that industry or securities analysts may publish about us, our business or our industry from time to time. If one or more of these analysts cease coverage of us or fail to publish reports on us regularly, we could lose visibility in the financial markets, which in turn could cause the price or trading volume of our common stock to decline. Moreover, if one or more of the analysts who cover us downgrade our common stock or release a negative report, or if our operating results do not meet analyst expectations, the price of our common stock could decline.

## CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

The information discussed in this prospectus, our filings with the SEC and our public releases include “forward-looking statements” within the meaning of Section 27A of the Securities Act, and Section 21E of the Exchange Act, the Private Securities Litigation Reform Act of 1995 (the “PSLRA”), or in releases made by the SEC. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors that could cause the actual results, performance or achievements of us and our subsidiaries to differ materially from any future results, performance or achievements expressed or implied by such forward-looking statements. Statements that are not historical fact are forward-looking statements. Forward-looking statements can be identified by, among other things, the use of forward-looking language, such as the words “plan,” “believe,” “expect,” “anticipate,” “intend,” “estimate,” “project,” “may,” “will,” “would,” “could,” “should,” “seeks,” or “scheduled to,” or other similar words, or the negative of these terms or other variations of these terms or comparable language, or by discussion of strategy or intentions. These cautionary statements are being made pursuant to the Securities Act, the Exchange Act and the PSLRA with the intention of obtaining the benefits of the “safe harbor” provisions of such laws.

The forward-looking statements contained in or incorporated by reference into this prospectus are largely based on our expectations, which reflect estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions and other factors. Although we believe such estimates and assumptions to be reasonable, they are inherently uncertain and involve a number of risks and uncertainties that are beyond our control, including:

- our ability to commercialize our PowerBuoys, and achieve and sustain profitability;
- our continued development of our proprietary technologies, and expected continued use of cash from operating activities unless or until we achieve positive cash flow from the commercialization of our products and services;
- our ability to obtain additional funding as and if needed which will be subject to a number of factors, including market conditions and our operating performance;
- our estimates regarding expenses, future revenues and capital requirements;
- the adequacy of our cash balances and our need for additional financings;
- our ability to develop and manufacture a commercially viable PowerBuoy product;
- that we will be successful in our efforts to commercialize our PowerBuoy or the timetable upon which commercialization can be achieved, if at all;
- our ability to identify and penetrate markets for our PowerBuoys and our wave energy technology;
- our ability to implement our commercialization strategy as planned, or at all;
- our ability to maintain the listing of our common stock on the NASDAQ Capital Market;
- the reliability of our technology and our PowerBuoys;
- our ability to improve the power output, survivability and reliability of our PowerBuoys;
- the impact of pending and threatened litigation on our business, financial condition and liquidity;
- changes in current legislation, regulations and economic conditions that affect the demand for renewable energy;
- our ability to compete effectively in our target markets;
- our limited operating history and history of operating losses;
- our sales and marketing capabilities and strategy in the United States and internationally; and
- our ability to protect our intellectual property portfolio.

Many of these factors are beyond our ability to control or predict. These factors are not intended to represent a complete list of the general or specific factors that may affect us.

In addition, management’s assumptions about future events may prove to be inaccurate. All readers are cautioned that the forward-looking statements contained in this prospectus in the documents incorporated by reference into this prospectus are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or that the forward-looking events and circumstances will occur. Actual results may differ materially from those anticipated or implied in the forward-looking statements due to factors described in “Risk Factors” included elsewhere in this prospectus and in the documents that we include in or incorporate by reference into this prospectus, including our Annual Report on Form 10-K for the fiscal year ended April 30, 2018, and our subsequent SEC filings. All forward-looking statements speak only as of the date they are made. We do not intend to update or revise any forward-looking statements as a result of new information, future events or otherwise, except as required by law. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

## USE OF PROCEEDS

This prospectus relates to shares of our common stock that may be offered and sold from time to time by Aspire Capital. We will not receive any proceeds upon the sale of shares by Aspire Capital. However, we may receive proceeds of up to \$10,000,000 under the Purchase Agreement with Aspire Capital. The proceeds received from the sale of the shares under the Purchase Agreement are expected to be used for expanding our sales and marketing through new hires and target market experts, increasing product manufacturing capabilities, and building additional PowerBuoys to meet potential market demand, and for other general corporate purposes. This may include additional development, testing and demonstrations of our PowerBuoy system with the goal of furthering and accelerating our commercialization efforts. However, we cannot guarantee that we will receive any proceeds in connection with the Purchase Agreement because we may be unable or choose not to issue and sell any securities pursuant to the Purchase Agreement. Because of this, we have not determined the amount of net proceeds to be used specifically for any particular purpose or the timing of any expenditures. Accordingly, management will retain broad discretion and flexibility in applying the net proceeds. Pending any use of the net proceeds, we intend to invest the net proceeds in repurchase contracts or deposit them in checking accounts at financial institutions.

## THE ASPIRE CAPITAL TRANSACTIONS

### Purchase Agreement

#### General

On August 13, 2018, we entered into the Purchase Agreement which provides that, upon the terms and subject to the conditions and limitations set forth therein, Aspire Capital is committed to purchase up to an aggregate of \$10,000,000 of our shares of common stock over the term of the Purchase Agreement. In consideration for entering into the Purchase Agreement, concurrently with the execution of the Purchase Agreement, we issued to Aspire Capital the Commitment Shares. Concurrently with entering into the Purchase Agreement, we also entered into the Registration Rights Agreement, in which we agreed to file one or more registration statements as permissible and necessary to register under the Securities Act, the sale of the shares of our common stock that have been and may be issued to Aspire Capital under the Purchase Agreement.

As of July 31, 2018, there were 18,368,286 shares of our common stock outstanding excluding the 3,671,820 shares offered that have been issued or may be issuable to Aspire Capital pursuant to the Purchase Agreement. If all of such 3,671,820 shares of our common stock offered hereby were issued and outstanding as of the date hereof, such shares would represent 17% of the total common stock outstanding. The number of shares of our common stock ultimately offered for sale by Aspire Capital is dependent upon the number of shares purchased by Aspire Capital under the Purchase Agreement. The number of shares of common stock outstanding excludes (i) options outstanding as of that date representing the right to purchase a total of 359,954 shares of common stock at a weighted average exercise price of approximately \$3.22 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are exercisable at a price of \$9.36.

Pursuant to the Purchase Agreement and the Registration Rights Agreement, we are registering 3,671,820 shares of our common stock under the Securities Act, which includes the Commitment Shares that have already been issued to Aspire Capital and up to 3,243,249 shares of common stock which we may issue to Aspire Capital after this registration statement is declared effective under the Securities Act. All 3,671,820 shares of common stock are being offered pursuant to this prospectus. Under the Purchase Agreement, we have the right but not the obligation to issue more than the 3,671,820 shares of common stock included in this prospectus to Aspire Capital. As of the date hereof, we do not have any plans or intent to issue to Aspire Capital any shares of common stock in addition to the 3,671,820 shares of common stock offered hereby.

After the SEC has declared effective the registration statement of which this prospectus is a part, on any trading day on which the closing sale price of our common stock is not less than the Floor Price, we have the right, in our sole discretion, to present Aspire Capital with a Purchase Notice, directing Aspire Capital (as principal) to purchase up to 200,000 shares of our common stock per business day at a Purchase Price equal to the lesser of (i) the lowest sale price of our common stock on the purchase date, or (ii) a price calculated by reference to the prevailing market price of our common stock over the preceding 10 business day period (as more specifically described below); however, no sale pursuant to a Purchase Notice may exceed \$300,000 per trading day.

In addition, on any date on which we submit a Purchase Notice to Aspire Capital for 200,000 Purchase Shares, we also have the right, in our sole discretion, to present Aspire Capital with a VWAP Purchase Notice directing Aspire Capital to purchase an amount of stock equal to up to 30% of the aggregate shares of the Company's common stock traded on the NASDAQ Capital Market on the next trading day, subject to the VWAP Purchase Share Volume Maximum and the VWAP Minimum Price Threshold. The VWAP Purchase Price is calculated by reference to the prevailing market price of our common stock (as more specifically described below).

The Purchase Agreement provides that the Company and Aspire Capital shall not effect any sales under the Purchase Agreement on any purchase date where the closing sale price of our common stock is less than the Floor Price. There are no trading volume requirements or restrictions under the Purchase Agreement, and we will control the timing and amount of any sales of our common stock to Aspire Capital. Aspire Capital has no right to require any sales by us, but is obligated to make purchases from us as we direct in accordance with the Purchase Agreement. There are no limitations on use of proceeds, financial or business covenants, restrictions on future financings, rights of first refusal, participation rights, penalties or liquidated damages in the Purchase Agreement. Aspire Capital may not assign its rights or obligations under the Purchase Agreement. The Purchase Agreement may be terminated by us at any time, at our discretion, without any penalty or cost to us.

## Purchase Of Shares Under The Purchase Agreement

Under the Purchase Agreement, on any trading day selected by us on which the closing sale price of our common stock exceeds the Floor Price, we may direct Aspire Capital to purchase up to 200,000 shares of our common stock per trading day. The Purchase Price of such shares is equal to the lesser of:

- the lowest sale price of our common stock on the purchase date; or
- the arithmetic average of the three lowest closing sale prices for our common stock during the ten consecutive trading days ending on the trading day immediately preceding the purchase date.

In addition, on any date on which we submit a Purchase Notice to Aspire Capital for purchase of 200,000 shares, we also have the right to direct Aspire Capital to purchase an amount of stock equal to up to 30% of the aggregate shares of our common stock traded on the Nasdaq Capital Market on the next trading day, subject to the VWAP Purchase Share Volume Maximum and the VWAP Minimum Price Threshold, which is equal to the greater of (a) 80% of the closing price of the Company's common stock on the business day immediately preceding the VWAP Purchase Date or (b) such higher price as set forth by the Company in the VWAP Purchase Notice. The VWAP Purchase Price of such shares is the lower of:

- the Closing Sale Price on the VWAP Purchase Date; or
- 97% of the volume-weighted average price for our common stock traded on the Nasdaq Capital Market:
  - o on the VWAP Purchase Date, if the aggregate shares to be purchased on that date have not exceeded the VWAP Purchase Share Volume Maximum or
  - o during that portion of the VWAP Purchase Date until such time as the sooner to occur of (i) the time at which the aggregate shares traded on the Nasdaq Capital Market exceed the VWAP Purchase Share Volume Maximum or (ii) the time at which the sale price of the Company's common stock falls below the VWAP Minimum Price Threshold.

The Purchase Price will be adjusted for any reorganization, recapitalization, non-cash dividend, stock split, or other similar transaction occurring during the trading day(s) used to compute the Purchase Price. We may deliver multiple Purchase Notices and VWAP Purchase Notices to Aspire Capital from time to time during the term of the Purchase Agreement, so long as the most recent purchase has been completed.

## Minimum Share Price

Under the Purchase Agreement, we and Aspire Capital may not effect any sales of shares of our common stock under the Purchase Agreement on any trading day that the closing sale price of our common stock is less than the Floor Price.

## Events of Default

No sales are permitted to be made under the Purchase Agreement upon the occurrence of any of the following, among other, events of default:

- the effectiveness of any registration statement that is required to be maintained effective pursuant to the terms of the Registration Rights Agreement between us and Aspire Capital lapses for any reason (including, without limitation, the issuance of a stop order) or is unavailable to Aspire Capital for sale of our shares of common stock, and such lapse or unavailability continues for a period of ten consecutive business days or for more than an aggregate of thirty business days in any 365-day period, which is not in connection with a post-effective amendment to any such registration statement; in connection with any post-effective amendment to such registration statement that is required to be declared effective by the SEC such lapse or unavailability may continue for a period of no more than 40 consecutive business days;
- the suspension from trading or failure of our common stock to be listed on our principal market for a period of three consecutive business days;
- the delisting of our common stock from our principal market, provided our common stock is not immediately thereafter trading on the New York Stock Exchange, the NYSE American, the Nasdaq Capital Market, the NASDAQ Global Select Market, the NASDAQ Global Market, the OTC Bulletin Board or the OTCQB marketplace or OTCQX marketplace of the OTC Markets Group;
- our transfer agent's failure to issue to Aspire Capital shares of our common stock which Aspire Capital is entitled to receive under the Purchase Agreement within five business days after an applicable purchase date;
- any breach by us of the representations or warranties or covenants contained in the Purchase Agreement or any related agreements which could have a material adverse effect on us, subject to a cure period of five business days;
- if we become insolvent or are generally unable to pay our debts as they become due; or
- any participation or threatened participation in insolvency or bankruptcy proceedings by or against us.

The Purchase Agreement will be automatically terminated in the event of any participation in insolvency or bankruptcy proceedings by or against us.

## Our Termination Rights

The Purchase Agreement may be terminated by us at any time, at our discretion, without any penalty or cost to us.

## No Short-Selling or Hedging by Aspire Capital

Aspire Capital has agreed that neither it nor any of its agents, representatives and affiliates shall engage in any direct or indirect short-selling or hedging of our common stock during any time prior to the termination of the Purchase Agreement.

## Effect of Performance of the Purchase Agreement on Our Stockholders

The Purchase Agreement does not limit the ability of Aspire Capital to sell any or all of the 3,671,820 shares registered in this offering. It is anticipated that shares registered in this offering will be sold over a period of up to approximately thirty months from the date of this prospectus. The sale by Aspire Capital of a significant amount of shares registered in this offering at any given time could cause the market price of our common stock to decline and/or to be highly volatile. Aspire Capital may ultimately purchase all, some or none of the 3,243,249 shares of common stock not yet issued but registered in this offering. After it has acquired such shares, it may sell all, some or none of such shares. Therefore, sales to Aspire Capital by us pursuant to the Purchase Agreement also may result in substantial dilution to the interests of other holders of our common stock. However, we have the right to control the timing and amount of any sales of our shares to Aspire Capital and the Purchase Agreement may be terminated by us at any time at our discretion without any penalty or cost to us.

## Percentage of Outstanding Shares After Giving Effect to the Purchased Shares Issued to Aspire Capital

In connection with entering into the Purchase Agreement, we authorized the sale to Aspire Capital of up to \$10,000,000 of our shares of common stock. However, we estimate that we will sell no more than 3,243,249 shares to Aspire Capital under the Purchase Agreement (exclusive of the Commitment Shares), all of which are included in this offering. Subject to any required approval by our Board of Directors, we have the right but not the obligation to issue more than the 3,671,820 shares included in this prospectus to Aspire Capital under the Purchase Agreement. In the event we elect to issue more than 3,671,820 shares under the Purchase Agreement, we will be required to file a new registration statement and have it declared effective by the SEC. The number of shares ultimately offered for sale by Aspire Capital in this offering is dependent upon the number of shares purchased by Aspire Capital under the Purchase Agreement. The following table sets forth the number and percentage of outstanding shares to be held by Aspire Capital after giving effect to the sale of shares of common stock issued to Aspire Capital at varying purchase prices:

| Assumed Average Purchase Price | Proceeds from the Sale of Purchase Shares to Aspire Capital Under the Purchase Agreement Registered in this Offering | Number of Purchase Shares to be Issued in this Offering at the Assumed Average Purchase Price <sup>(1)</sup> | Percentage of Outstanding Shares After Giving Effect to the Purchase Shares Issued to Aspire Capital <sup>(2)</sup> |
|--------------------------------|--|--|---|
| \$ 0.50                        | \$ 1,621,625   | 3,243,249  | 17%   |
| \$ 0.75                        | \$ 2,432,436   | 3,243,249  | 17%   |
| \$ 1.00                        | \$ 3,243,249   | 3,243,249  | 17%   |
| \$ 1.50                        | \$ 4,864,874   | 3,243,249  | 17%   |
| \$ 2.00                        | \$ 6,486,498   | 3,243,249  | 17%   |
| \$ 3.00                        | \$ 9,729,747   | 3,243,249  | 17%   |

(1) Excludes 428,571 Commitment Shares issued under the Purchase Agreement between the Company and Aspire Capital.

(2) The denominator is based on 18,368,286 shares outstanding as of July 31, 2018. The number of shares of common stock outstanding excludes (i) options outstanding as of that date representing the right to purchase a total of 359,954 shares of common stock at a weighted average exercise price of approximately \$3.22 per share, (ii) outstanding warrants to purchase up to 145,952 shares of our common stock which are exercisable at a price of \$6.08, and (iii) outstanding warrants to purchase up to 178,500 shares of our common stock which are exercisable at a price of \$9.36. The numerator is based on the number of shares which we may issue to Aspire Capital under the Purchase Agreement (that are the subject of this offering) at the corresponding assumed purchase price set forth in the adjacent column.

## DESCRIPTION OF COMMON STOCK

### Authorized and Outstanding Capital Stock

The following description of our common stock and provisions of our certificate of incorporation and bylaws are summaries and are qualified by reference to our certificate of incorporation and bylaws, which have been incorporated by reference as exhibits to the registration statement of which this prospectus forms a part.

Our authorized capital stock consists of 50,000,000 shares of common stock, par value \$0.001 per share, and 5,000,000 shares of preferred stock, par value \$0.001 per share, all of which are undesignated.

As of July 31, 2018, there were 18,368,286 shares of common stock outstanding, and no shares of preferred stock were issued or outstanding. As of July 31, 2018, there also were outstanding warrants to purchase up to 145,952 shares of our common stock that became exercisable on December 8, 2016 at a price of \$6.08, warrants to purchase up to 178,500 shares of our common stock which are currently exercisable at a price of \$9.36, and options to purchase a total of 359,954 shares of common stock at a weighted average exercise price of approximately \$3.22 per share.

### Description of Common Stock

*Voting.* Holders of common stock are entitled to one vote for each share held on all matters submitted to a vote of stockholders and do not have cumulative voting rights. Accordingly, holders of a majority of the shares of common stock entitled to vote in any election of directors may elect all of the directors standing for election.

*Dividends.* Holders of common stock are entitled to receive proportionately any dividends that may be declared by our Board, subject to any preferential dividend rights of outstanding preferred stock.

*Liquidation and Distribution.* Upon our liquidation, dissolution or winding up, the holders of common stock are entitled to receive proportionately our net assets available after the payment of all debts and other liabilities and subject to the prior rights of any outstanding preferred stock. Holders of common stock have no preemptive, subscription, redemption or conversion rights. Our outstanding shares of common stock are, and the shares offered by us in this offering will be, when issued and paid for, fully paid and nonassessable. The rights, preferences and privileges of holders of common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of preferred stock that we may designate and issue in the future.

### Anti-Takeover Effects of Delaware Law; Our Certificate of Incorporation and Our Bylaws

Delaware law, our certificate of incorporation and our bylaws contain provisions that could have the effect of delaying, deferring or discouraging another party from acquiring control of us. These provisions, which are summarized below, are intended to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our Board.

### Removal of Directors

Our certificate of incorporation currently provides that directors may be removed only for cause and only by the affirmative vote of the holders of 75% of our shares of capital stock present in person or by proxy and entitled to vote. However, our Board of Directors approved an amendment to our bylaws that became effective on June 17, 2016, which permits our directors to be removed either for cause or without cause by our stockholders. At our annual meeting of stockholders for the year ended April 30, 2016 that was held on October 21, 2016 (the "2016 Annual Meeting"), we submitted a proposal to stockholders seeking stockholder approval to amend our certificate of incorporation to delete the reference to "for cause" in Section 6 of Article IX of the certificate of incorporation. This proposal to amend the certificate of incorporation did not receive the required affirmative vote of the holders of at least 75% of the outstanding shares of common stock entitled to vote at the meeting, so the proposal did not pass. However, we also submitted a proposal to stockholders at the 2016 Annual Meeting seeking approval to amend our certificate of incorporation to add a clause that specified that, to the fullest extent permitted by law, any provision in the Certificate of Incorporation that is contrary to a requirement of the Delaware General Corporate Law (the "DGCL") shall be read in conformity with the applicable requirement of the DGCL. This second proposal only required the affirmative vote of the holders of a majority of the outstanding shares of common stock entitled to vote at the 2016 Annual Meeting, and it passed.



Our Board of Directors takes the position that under current Delaware law, the “only for cause” provision in the certificate of incorporation regarding removal of the company’s directors is not enforceable, and is therefore not in conformity with the applicable requirement of the DGCL. Accordingly, we will comply with the provisions of our bylaws, as amended and as described above, relating to director removal and will not seek to enforce that provision of our certificate of incorporation relating to stockholder removal of directors only for cause, as presently in effect. Under our certificate of incorporation and bylaws, any vacancy on the Board, including a vacancy resulting from an enlargement of the Board, may be filled only by vote of a majority of our directors then in office.

The limitations on the ability of our stockholders to remove directors and fill vacancies could make it more difficult for a third party to acquire, or discourage a third party from seeking to acquire, control of us.

#### **Stockholder Action by Written Consent; Special Meetings**

Our certificate of incorporation provides that any action required or permitted to be taken by our stockholders must be effected at a duly called annual or special meeting of such holders and may not be effected by any consent in writing by such holders. Our certificate of incorporation and our bylaws also provide that, except as otherwise required by law, special meetings of our stockholders can only be called by our chairman of the board, our chief executive officer, our president or the Board.

#### **Advance Notice Requirements for Stockholder Proposals**

Our bylaws establish an advance notice procedure for stockholder proposals to be brought before an annual meeting of stockholders, including proposed nominations of persons for election to the Board. Stockholders at an annual meeting may only consider proposals or nominations specified in the notice of meeting or brought before the meeting by or at the direction of the Board of Directors or by a stockholder of record on the record date for the meeting, that is entitled to vote at the meeting and that has delivered to our secretary a timely written notice in proper form of the stockholder’s intention to bring such business before the meeting. These provisions could have the effect of delaying until the next stockholder meeting stockholder actions that are favored by the holders of a majority of our outstanding voting securities.

#### **Delaware Business Combination Statute**

We are subject to Section 203 of the Delaware General Corporation Law. Subject to certain exceptions, Section 203 prevents a publicly held Delaware corporation from engaging in a “business combination” with any “interested stockholder” for three years following the date that the person became an interested stockholder, unless the interested stockholder attained such status with the approval of our Board of Directors or unless the business combination is approved in a prescribed manner. A “business combination” includes, among other things, a merger or consolidation involving us and the “interested stockholder” and the sale of more than 10% of our assets. In general, an “interested stockholder” is any entity or person beneficially owning 15% or more of our outstanding voting stock and any entity or person affiliated with or controlling or controlled by such entity or person.

#### **Amendment of Certificate of Incorporation and Bylaws**

The Delaware General Corporation Law provides generally that the affirmative vote of a majority of the shares entitled to vote on any matter is required to amend a corporation’s certificate of incorporation or bylaws, unless a corporation’s certificate of incorporation or bylaws, as the case may be, requires a greater percentage. Our bylaws may be amended or repealed by a majority vote of our Board of Directors or the affirmative vote of the holders of at least 75% of the voting power of our capital stock issued and outstanding and entitled to vote on the matter.

## **Limitation of Liability and Indemnification of Officers and Directors**

Our certificate of incorporation limits the personal liability of directors for breach of fiduciary duty to the maximum extent permitted by the Delaware General Corporation Law. Our certificate of incorporation provides that no director will have personal liability to us or to our stockholders for monetary damages for breach of fiduciary duty or other duty as a director. However, these provisions do not eliminate or limit the liability of any of our directors:

- for any breach of their duty of loyalty to us or our stockholders;
- for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;
- for voting or assenting to unlawful payments of dividends or other distributions; or
- for any transaction from which the director derived an improper personal benefit.

Any amendment to or repeal of these provisions will not eliminate or reduce the effect of these provisions in respect of any act or failure to act, or any cause of action, suit or claim that would accrue or arise prior to any amendment or repeal or adoption of an inconsistent provision. If the Delaware General Corporation Law is amended to provide for further limitations on the personal liability of directors of corporations, then the personal liability of our directors will be further limited to the greatest extent permitted by the Delaware General Corporation Law.

In addition, our certificate of incorporation provides that we must indemnify our directors and officers and we must advance expenses, including attorneys' fees, to our directors and officers in connection with legal proceedings, subject to limited exceptions.

## **Notice of Share Ownership**

Our bylaws contain a provision requiring any beneficial owner of three percent or more of our outstanding common stock to notify us of his or her stockholdings, as well as of any change in his or her beneficial ownership of one percent or more of our outstanding common stock. Our bylaws do not provide for any specific remedy in the event a stockholder does not comply with this provision. We do not intend to make any such information public, unless required by law or the rules of the SEC or the NASDAQ Capital Market.

## **Authorized but Unissued Shares**

Our authorized but unissued shares of common stock and preferred stock are available for future issuance without stockholder approval, subject to any limitations imposed by the listing standards of the NASDAQ Capital Market. These additional shares may be used for a variety of corporate finance transactions, acquisitions and employee benefit plans. The existence of authorized but unissued and unreserved common stock and preferred stock could make it more difficult or discourage an attempt to obtain control of us by means of a proxy contest, tender offer, merger or otherwise.

## **Transfer Agent and Registrar**

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A. Its address is 250 Royall Street, Canton, MA 02021-1011, and its telephone number is 1-800-662-7232.

Our common stock is listed on the NASDAQ Capital Market under the symbol "OPTT."

## SELLING STOCKHOLDER

The selling stockholder may from time to time offer and sell any or all of the shares of our common stock set forth below pursuant to this prospectus. When we refer to the “selling stockholder” in this prospectus, we mean the entity listed in the table below, and its respective pledgees, donees, permitted transferees, assignees, successors and others who later come to hold any of the selling stockholder’s interests in shares of our common stock other than through a public sale.

The following table sets forth, as of the date of this prospectus, the name of the selling stockholder for whom we are registering shares for sale to the public, the number of shares of common stock beneficially owned by the selling stockholder prior to this offering, the total number of shares of common stock that the selling stockholder may offer pursuant to this prospectus and the number of shares of common stock that the selling stockholder will beneficially own after this offering. Except as noted below, the selling stockholder does not have, or within the past three years has not had, any material relationship with us or any of our predecessors or affiliates and the selling stockholder is not or was not affiliated with registered broker-dealers.

Based on the information provided to us by the selling stockholder, assuming that the selling stockholder sells all of the shares of our common stock beneficially owned by it that have been registered by us and does not acquire any additional shares during the offering, the selling stockholder will not own any shares other than those appearing in the column entitled “Beneficial Ownership After This Offering.” We cannot advise you as to whether the selling stockholder will in fact sell any or all of such shares of common stock. In addition, the selling stockholder may have sold, transferred or otherwise disposed of, or may sell, transfer or otherwise dispose of, at any time and from time to time, the shares of common stock in transactions exempt from the registration requirements of the Securities Act after the date on which it provided the information set forth in the table below.

| Name                                    | Shares of<br>Common<br>Stock Owned<br>Prior to this<br>Offering | Shares of<br>Common<br>Stock Being<br>Offered | Beneficial Ownership After this<br>Offering <sup>(1)</sup> |      |
|---|---|---|--|------|
|   |   |   | Number of<br>Shares  | %(2) |
| Aspire Capital Fund, LLC <sup>(3)</sup> | —   | 3,671,820                                     | —  | —    |

(1) Assumes the sale of all shares of common stock registered pursuant to this prospectus, although the selling stockholder is under no obligation known to us to sell any shares of common stock at this time.

(2) Based on 18,368,286 shares of common stock outstanding on July 31, 2018, and assumes the issuance and sale by us to Aspire Capital of all 3,671,820 shares under the Purchase Agreement and the resale by Aspire of all 3,671,820 shares being offered pursuant to this registration statement.

(3) Aspire Capital Partners LLC (“Aspire Partners”) is the Managing Member of Aspire Capital Fund LLC (“Aspire Fund”). SGM Holdings Corp (“SGM”) is the Managing Member of Aspire Partners. Mr. Steven G. Martin (“Mr. Martin”) is the president and sole shareholder of SGM, as well as a principal of Aspire Partners. Mr. Erik J. Brown (“Mr. Brown”) is the president and sole shareholder of Red Cedar Capital Corp (“Red Cedar”), which is a principal of Aspire Partners. Mr. Christos Komissopoulos (“Mr. Komissopoulos”) is president and sole shareholder of Chrisko Investors Inc. (“Chrisko”), which is a principal of Aspire Partners. Mr. William F. Blank, III (“Mr. Blank”) is president and sole shareholder of WML Ventures Corp. (“WML Ventures”), which is a principal of Aspire Partners. Each of Aspire Partners, SGM, Red Cedar, Chrisko, WML Ventures, Mr. Martin, Mr. Brown, Mr. Komissopoulos and Mr. Blank may be deemed to be a beneficial owner of common stock held by Aspire Fund. Each of Aspire Partners, SGM, Red Cedar, Chrisko, WML Ventures, Mr. Martin, Mr. Brown, Mr. Komissopoulos and Mr. Blank disclaims beneficial ownership of the common stock held by Aspire Fund.

## PLAN OF DISTRIBUTION

The common stock offered by this prospectus is being offered by Aspire Capital, the selling stockholder. The common stock may be sold or distributed from time to time by the selling stockholder directly to one or more purchasers or through brokers, dealers, or underwriters who may act solely as agents at market prices prevailing at the time of sale, at prices related to the prevailing market prices, at negotiated prices, or at fixed prices, which may be changed. The sale of the common stock offered by this prospectus may be effected in one or more of the following methods:

- ordinary brokers' transactions;
- transactions involving cross or block trades;
- through brokers, dealers, or underwriters who may act solely as agents;
- "at the market" into an existing market for the common stock;
- in other ways not involving market makers or established business markets, including direct sales to purchasers or sales effected through agents;
- in privately negotiated transactions; or
- any combination of the foregoing.

In order to comply with the securities laws of certain states, if applicable, the shares may be sold only through registered or licensed brokers or dealers. In addition, in certain states, the shares may not be sold unless they have been registered or qualified for sale in the state or an exemption from the registration or qualification requirement is available and complied with.

The selling stockholder may transfer the shares of common stock by other means not described in this prospectus.

Brokers, dealers, underwriters, or agents participating in the distribution of the shares as agents may receive compensation in the form of commissions, discounts, or concessions from the selling stockholder and/or purchasers of the common stock for whom the broker-dealers may act as agent. Aspire Capital has informed us that each such broker-dealer will receive commissions from Aspire Capital which will not exceed customary brokerage commissions.

Aspire Capital is an "underwriter" within the meaning of the Securities Act. We have agreed to provide indemnification and contribution to the selling stockholder against certain civil liabilities, including liabilities under the Securities Act.

Neither we nor Aspire Capital can presently estimate the amount of compensation that any agent will receive. We know of no existing arrangements between Aspire Capital, any other stockholder, broker, dealer, underwriter, or agent relating to the sale or distribution of the shares offered by this prospectus. At the time a particular offer of shares is made, a prospectus supplement, if required, will be distributed that will set forth the names of any agents, underwriters, or dealers and any compensation from the selling stockholder, and any other required information.

We will pay all of the expenses incident to the registration, offering, and sale of the shares to the public other than commissions or discounts of underwriters, broker-dealers, or agents. We have agreed to indemnify Aspire Capital and certain other persons against certain liabilities in connection with the offering of shares of common stock offered hereby, including liabilities arising under the Securities Act or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities. Aspire Capital has agreed to indemnify us against liabilities under the Securities Act that may arise from certain written information furnished to us by Aspire Capital specifically for use in this prospectus or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers, and controlling persons, we have been advised that in the opinion of the SEC this indemnification is against public policy as expressed in the Securities Act and is therefore, unenforceable.

Aspire Capital and its affiliates have agreed not to engage in any direct or indirect short selling or hedging of our common stock during the term of the Purchase Agreement.

We have advised Aspire Capital that while it is engaged in a distribution of the shares included in this prospectus it is required to comply with Regulation M promulgated under the Exchange Act. With certain exceptions, Regulation M precludes the selling stockholder, any affiliated purchasers, and any broker-dealer or other person who participates in the distribution from bidding for or purchasing, or attempting to induce any person to bid for or purchase any security which is the subject of the distribution until the entire distribution is complete. Regulation M also prohibits any bids or purchases made in order to stabilize the price of a security in connection with the distribution of that security. All of the foregoing may affect the marketability of the shares offered hereby this prospectus.

We may suspend the sale of shares by Aspire Capital pursuant to this prospectus for certain periods of time for certain reasons, including if the prospectus is required to be supplemented or amended to include additional material information.

This offering will terminate on the date that all shares offered by this prospectus have been sold by Aspire Capital.

## LEGAL MATTERS

Certain legal matters in connection with the securities offered hereby will be passed on for us by Porter Hedges LLP, Houston, Texas.

## EXPERTS

The consolidated financial statements of Ocean Power Technologies, Inc. and subsidiaries as of April 30, 2018 and 2017, and for each of the years in the two-year period ended April 30, 2018, have been incorporated by reference herein to the Annual Report on Form 10-K for the year ended April 30, 2018, in reliance upon the report of KPMG LLP, independent registered public accounting firm, which are incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

The audit report covering the April 30, 2018 consolidated financial statements contains an explanatory paragraph that states that our cash balance, recurring losses from operations, and accumulated deficit raise substantial doubt about our ability to continue as a going concern. Our consolidated financial statements do not include any adjustments that might result from the outcome of that uncertainty.

## WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. These documents contain specific information regarding us. These documents, including exhibits and schedules thereto, may be inspected without charge at the SEC's principal office in Washington, D.C., and copies of all or any part thereof may be obtained from the Public Reference Section of the SEC, 100 F Street, N.E., Washington, D.C. 20549. Information on the operation of the Public Reference Section may be obtained by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website which provides online access to reports, proxy and information statements and other information regarding registrants that file electronically with the SEC at the address <http://www.sec.gov>.

Our common stock is listed on the NASDAQ Capital Market under the ticker symbol "OPTT." Our SEC filings are also available (free of charge) from our web site at [www.oceanpowertechnologies.com](http://www.oceanpowertechnologies.com), including our annual reports on Form 10-K, quarterly reports on Form 10-Q, and current reports on Form 8-K and any amendments to those reports. Information contained on our website or any other website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

## INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The following documents, which have previously been filed by us with the SEC under the Exchange Act, are incorporated herein by reference:

- our Annual Report on Form 10-K for the fiscal year ended April 30, 2018, filed with the SEC on July 17, 2018 (File No. 001-33417);
- the description of our common stock set forth in our registration statement on Form 8-A filed on April 18, 2007 (File No. 001-33417) and in any and all subsequent amendments and reports filed for the purpose of updating that description; and
- our Current Reports on Form 8-K, filed with the SEC on May 3, 2018, May 18, 2018, June 6, 2018, June 28, 2018, July 10, 2018, July 17, 2018, July 18, 2018 and August 13, 2018 (File No. 001-33417) (excluding any information furnished pursuant to Item 2.02 or Item 7.01 of any such Current Report on Form 8-K).

All documents filed by us pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (excluding any information furnished pursuant to Item 2.02 or Item 7.01 on any current report on Form 8-K and any corresponding information furnished under Item 9.01 or included as an exhibit) after the date of the initial registration statement of which this prospectus forms a part and until the offering of all of the securities by this prospectus is completed, including all filings made after the date of this prospectus, shall be deemed to be incorporated in this prospectus by reference and to be a part hereof from the date of filing of such documents. Any statement contained herein, or in a document incorporated or deemed to be incorporated by reference herein, shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may request a free copy of these filings, other than any exhibits, unless the exhibits are specifically incorporated by reference into this prospectus, by writing or telephoning us at the following address:

Ocean Power Technologies, Inc.  
28 Engelhard Drive, Suite B  
Monroe Township, NJ 08831

Attention: Chief Financial Officer  
(609) 730-0400

## DISCLOSURE OF SEC'S POSITION ON INDEMNIFICATION FOR SECURITIES ACT LIABILITY

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers or persons controlling us pursuant to the foregoing provisions, we have been informed that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

3,671,820 Shares  
Common Stock



—  
**PROSPECTUS**  
—

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**PART II**

**INFORMATION NOT REQUIRED IN PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution.**

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The following table sets forth the various expenses, all of which will be borne by us, in connection with the sale and distribution of the securities being registered, other than the underwriting discounts and commissions. All amounts shown are estimates except for the Securities and Exchange Commission registration fee.

|   |    |               |
|---|----|---------------|
| Securities and Exchange Commission registration fee | \$ | 315           |
| Accounting fees and expenses                        | \$ | 7,500         |
| Legal fees and expenses                             | \$ | 60,000        |
| Printing and engraving expenses                     | \$ | 0             |
| Transfer agent fees                                 | \$ | 0             |
| Miscellaneous                                       | \$ | 5,000         |
| Total   | \$ | <u>72,815</u> |

**Item 15. Indemnification of Directors and Officers.**

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Section 102 of the General Corporation Law of the State of Delaware permits a corporation to eliminate the personal liability of directors of a corporation to the corporation or its stockholders for monetary damages for a breach of fiduciary duty as a director, except where the director breached his duty of loyalty, failed to act in good faith, engaged in intentional misconduct or knowingly violated a law, authorized the payment of a dividend or approved a stock repurchase in violation of Delaware corporate law or obtained an improper personal benefit. The Registrant's certificate of incorporation provides that no director of the Registrant shall be personally liable to it or its stockholders for monetary damages for any breach of fiduciary duty as director, notwithstanding any provision of law imposing such liability, except to the extent that the General Corporation Law of the State of Delaware prohibits the elimination or limitation of liability of directors for breaches of fiduciary duty.

Section 145 of the General Corporation Law of the State of Delaware provides that a corporation has the power to indemnify a director, officer, employee, or agent of the corporation and certain other persons serving at the request of the corporation in related capacities against expenses (including attorneys' fees), judgments, fines and amounts paid in settlements actually and reasonably incurred by the person in connection with an action, suit or proceeding to which he is or is threatened to be made a party by reason of such position, if such person acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation, and, in any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful, except that, in the case of actions brought by or in the right of the corporation, no indemnification shall be made with respect to any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or other adjudicating court determines that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

The Registrant's certificate of incorporation provides that the Registrant will indemnify each person who was or is a party or threatened to be made a party to any threatened, pending or completed action, suit or proceeding (other than an action by or in the right of the Registrant) by reason of the fact that he or she is or was, or has agreed to become, a director or officer of the Registrant, or is or was serving, or has agreed to serve, at the Registrant's request as a director, officer, partner, employee or trustee of, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise (all such persons being referred to as an "Indemnitee"), or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with such action, suit or proceeding and any appeal therefrom, if such Indemnitee acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the Registrant's best interests, and, with respect to any criminal action or proceeding, he or she had no reasonable cause to believe his or her conduct was unlawful. The Registrant's certificate of incorporation provides that the Registrant will indemnify any Indemnitee who was or is a party to an action or suit by or in the right of the Registrant to procure a judgment in the Registrant's favor by reason of the fact that the Indemnitee is or was, or has agreed to become, a director or officer of the Registrant, or is or was serving, or has agreed to serve, at the Registrant's request as a director, officer, partner, employee or trustee or, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise, or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees) and, to the extent permitted by law, amounts paid in settlement actually and reasonably incurred in connection with such action, suit or proceeding, and any appeal therefrom, if the Indemnitee acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of the Registrant, except that no indemnification shall be made with respect to any claim, issue or matter as to which such person shall have been adjudged to be liable to the Registrant, unless a court determines that, despite such adjudication but in view of all of the circumstances, he or she is entitled to indemnification of such expenses. Notwithstanding the foregoing, to the extent that any Indemnitee has been successful, on the merits or otherwise, he or she will be indemnified by the Registrant against all expenses (including attorneys' fees) actually and reasonably incurred in connection therewith. Expenses must be advanced to an Indemnitee under certain circumstances.



The Registrant maintains a general liability insurance policy that covers certain liabilities of the Registrant's directors and officers arising out of claims based on acts or omissions in their capacities as directors or officers.

The Registrant's directors and officers are covered by insurance policies indemnifying them against certain liabilities, including certain liabilities arising under the Securities Act of 1933, as amended, which might be incurred by them in such capacities and against which they cannot be indemnified by the Registrant.

**Item 16. Exhibits.**

| <b>Exhibit No.</b> | <b>Description of Exhibit</b>  |
|--------------------|--|
| 3.1                | <a href="#"><u>Certificate of Incorporation of the Registrant (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 10-Q (File no. 1-33417) filed on September 14, 2007).</u></a>   |
| 3.2                | <a href="#"><u>Certificate of Amendment to Certificate of Incorporation of the Company, filed with the Secretary of State of the State of Delaware on October 27, 2015 (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on October 28, 2015).</u></a>  |
| 3.3                | <a href="#"><u>Certificate of Amendment to Certificate of Incorporation of the Company, filed with the Secretary of State of the State of Delaware on October 21, 2016 (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on October 21, 2016).</u></a>  |
| 3.4                | <a href="#"><u>Amended and Restated Bylaws of Ocean Power Technologies, Inc. effective as of June 17, 2016 (incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed on June 23, 2016).</u></a>   |
| 4.1                | <a href="#"><u>Specimen certificate for Common Stock (incorporated by reference to Exhibit 4.1 to the Registrant's Form S-1/A (File no. 333-138595) filed on March 19, 2007).</u></a>  |
| 4.2                | <a href="#"><u>Form of Warrant to Purchase Common Stock (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K/A filed on June 7, 2016).</u></a>  |
| 4.3                | <a href="#"><u>Form of Warrant to Purchase Common Stock (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K/A filed on July 22, 2016).</u></a>   |
| 4.4                | <a href="#"><u>Registration Rights Agreement, dated August 13, 2018, between Ocean Power Technologies, Inc. and Aspire Capital Fund, LLC (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K filed on August 13, 2018).</u></a>  |
| 5.1**              | <a href="#"><u>Opinion of Porter Hedges LLP with respect to legality of the securities, including consent.</u></a>   |
| 10.1               | <a href="#"><u>Option Agreement for Purchase of Emissions Credits, dated November 24, 2000 between Ocean Power Technologies, Inc. and its affiliates and Woodside Sustainable Energy Solutions Pty. Ltd. (incorporated by reference from Exhibit 10.4 to Form S-1 filed November 13, 2006).</u></a>  |
| 10.2***            | <a href="#"><u>Amended and Restated 2006 Stock Incentive Plan (incorporated by reference from Exhibit A to Proxy Statement filed August 28, 2013).</u></a>   |
| 10.3               | <a href="#"><u>Agreement for Renewable Energy Economic Development Grants, dated November 3, 2003, between State of New Jersey Board of Public Utilities and Ocean Power Technologies, Inc. (incorporated by reference from Exhibit 10.18 to Form S-1/A filed March 19, 2007).</u></a>   |
| 10.4***            | <a href="#"><u>Form of Restricted Stock Agreement (incorporated by reference from Exhibit 10.1 to Form 10-Q filed March 14, 2011).</u></a>   |
| 10.5               | <a href="#"><u>Amended Option Agreement for Purchase of Emissions Credits, dated December 4, 2012, between Ocean Power Technologies, Inc. and its affiliates and Metasource Pty Ltd (formerly known as Woodside Sustainable Energy Solutions Pty Ltd) (incorporated by reference from Exhibit 10.23 to Form 10-K filed July 12, 2013).</u></a> |
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| 10.8               | <a href="#"><u>Form of Securities Purchase Agreement dated June 2, 2016 (incorporated by reference to Exhibit 99.3 to Current Report on Form 8-K filed on June 2, 2016).</u></a>   |
| 10.9               | <a href="#"><u>Form of Amendment No. 1 to Securities Purchase Agreement, dated June 7, 2016 (incorporated by reference to Exhibit 99.4 to the Current Report on Form 8-K/A filed on June 7, 2016)</u></a>  |
| 10.10              | <a href="#"><u>Form of Amendment No. 2 to Securities Purchase Agreement, dated July 21, 2016 (incorporated by reference to Exhibit 99.2 to the Current Report on Form 8-K filed on July 21, 2016)</u></a>  |
| 10.11***           | <a href="#"><u>2015 Omnibus Incentive Plan (incorporated by reference to Annex A to Proxy Statement filed on September 3, 2015).</u></a>   |
| 10.12              | <a href="#"><u>Stipulation and Agreement of Class Settlement dated as of May 5, 2016 (incorporated by reference to Exhibit 10.1 to Current Report on Form 8-K filed on May 11, 2016).</u></a>  |
| 10.13              | <a href="#"><u>Agreement by and between Ocean Power Technologies, Inc. and Mitsui Engineering &amp; Shipbuilding Co., Ltd dated May 31, 2016 (incorporated by reference from Exhibit 10.1 to Current Report on Form 8-K/A filed on June 6, 2016).</u></a>  |
| 10.14              | <a href="#"><u>Placement Agency Agreement dated July 22, 2016, by and between the Company and Roth Capital Partners, LLC (incorporated by reference to Exhibit 1.1 to Current Report on Form 8-K filed on July 22, 2016)</u></a>   |
| 10.15              | <a href="#"><u>Form of Subscription Agreement, dated July 22, 2016, between the Company and the Purchasers thereto (incorporated by reference from Exhibit 10.1 to Current Report on Form 8-K filed on July 22, 2016).</u></a>   |
| 10.16***           | <a href="#"><u>Employment Letter between the Company and Matthew Shafer dated August 23, 2016 (incorporated by reference from Exhibit 10.1 to the Current Report on Form 8-K filed August 29, 2016).</u></a>   |
| 10.17***           | <a href="#"><u>Letter Agreement between the Company and Mark A. Featherstone dated August 25, 2016 (incorporated by reference from Exhibit 10.3 to the Current Report on Form 8-K filed August 29, 2016).</u></a>  |
| 10.18              | <a href="#"><u>Agreement by and between the Company and the U.S. Office of Naval Research dated September 13, 2016 (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed on September 14, 2016).</u></a>  |
| 10.19              | <a href="#"><u>Employment Letter between the Company and Mike Mekhiche dated September 12, 2016, (incorporated by reference from Exhibit 10.4 to the Current Report on Form 8-K filed August 29, 2016).</u></a>  |
| 10.20***           | <a href="#"><u>First Amendment to 2015 Omnibus Incentive Plan (incorporated by reference to Annex A to Proxy Statement filed on September 2, 2016).</u></a>  |
| 10.21***           | <a href="#"><u>Letter Agreement between the Company and Mike Mekhiche dated June 19, 2014, (incorporated by reference from Exhibit 10.5 to the Current Report on Form 8-K filed August 29, 2016).</u></a>  |
| 10.22              | <a href="#"><u>Lease Agreement, dated March 31, 2017 between Ocean Power Technologies, Inc. and PPH Industrial 28 Engelhard, LLC (incorporated by reference from Exhibit 99.2 to the Current Report on Form 8-K filed April 6, 2017).</u></a>  |
| 10.23***           | <a href="#"><u>Employment Inducement Incentive Award Plan (incorporated by reference from Exhibit 10.1 to the Current Report on Form 8-K filed January 19, 2018).</u></a>  |
| 10.24***           | <a href="#"><u>Form of Restricted Stock Agreement for Employment Inducement Incentive Award Plan (incorporated by reference from Exhibit 10.2 to the Current Report on Form 8-K filed January 19, 2018).</u></a>   |

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| 10.26+++    | <a href="#">Contract between Premier Oil UK Limited and the Company dated June 27, 2018 (incorporated by reference from Exhibit 10.27 to the Company's Annual Report on Form 10-K filed July 17, 2018).</a>                                       |
| 10.27       | <a href="#">Common Stock Purchase Agreement, dated August 13, 2018, between Ocean Power Technologies, Inc. and Aspire Capital Fund, LLC (incorporated by reference from Exhibit 10.1 to Current Report on Form 8-K filed on August 13, 2018).</a> |
| 21.1        | <a href="#">Subsidiaries of the Registrant (incorporated by reference to Exhibit 21.1 to the Registrant's Annual Report on Form 10-K for the year ended April 30, 2017).</a>  |
| 23.1 **     | <a href="#">Consent of KPMG LLP.</a>  |
| 23.2 **     | <a href="#">Form of Consent of Porter Hedges LLP (included in Exhibit 5.1).</a>   |
| 24.1        | <a href="#">Power of Attorney (contained in signature pages).</a>   |

\* To be filed by amendment.

\*\* Filed herewith.

\*\*\* Management contract or compensatory plan or arrangement.

+++ Portions of this exhibit have been omitted pursuant to a request for confidential treatment filed with the Securities and Exchange Commission and this exhibit has been filed separately with the Securities and Exchange Commission in connection with such request.

#### **Item 17. Undertakings.**

- a. The undersigned registrant hereby undertakes:
- i. To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
- 1) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;
  - 2) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
  - 3) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- ii. That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- iii. To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- iv. That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser, if the registrant is subject to Rule 430C, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.
- v. That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- 1) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
  - 2) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
  - 3) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
  - 4) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- b. The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
  - c. Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

## EXHIBIT INDEX

| <b>Exhibit No.</b> | <b>Description of Exhibit</b>  |
|--------------------|--|
| 3.1                | <a href="#"><u>Certificate of Incorporation of the Registrant (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 10-Q (File no. 1-33417) filed on September 14, 2007).</u></a>   |
| 3.2                | <a href="#"><u>Certificate of Amendment to Certificate of Incorporation of the Company, filed with the Secretary of State of the State of Delaware on October 27, 2015 (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on October 28, 2015).</u></a>  |
| 3.3                | <a href="#"><u>Certificate of Amendment to Certificate of Incorporation of the Company, filed with the Secretary of State of the State of Delaware on October 21, 2016 (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on October 21, 2016).</u></a>  |
| 3.4                | <a href="#"><u>Amended and Restated Bylaws of Ocean Power Technologies, Inc. effective as of June 17, 2016 (incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed on June 23, 2016).</u></a>   |
| 4.1                | <a href="#"><u>Specimen certificate for Common Stock (incorporated by reference to Exhibit 4.1 to the Registrant's Form S-1/A (File no. 333-138595) filed on March 19, 2007).</u></a>  |
| 4.2                | <a href="#"><u>Form of Warrant to Purchase Common Stock (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K/A filed on June 7, 2016).</u></a>  |
| 4.3                | <a href="#"><u>Form of Warrant to Purchase Common Stock (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K/A filed on July 22, 2016).</u></a>   |
| 4.4                | <a href="#"><u>Registration Rights Agreement, dated August 13, 2018, between Ocean Power Technologies, Inc. and Aspire Capital Fund, LLC (incorporated by reference from Exhibit 4.1 to Current Report on Form 8-K filed on August 13, 2018).</u></a>  |
| 5.1**              | <a href="#"><u>Opinion of Porter Hedges LLP with respect to legality of the securities, including consent.</u></a>   |
| 10.1               | <a href="#"><u>Option Agreement for Purchase of Emissions Credits, dated November 24, 2000 between Ocean Power Technologies, Inc. and its affiliates and Woodside Sustainable Energy Solutions Pty. Ltd. (incorporated by reference from Exhibit 10.4 to Form S-1 filed November 13, 2006).</u></a>  |
| 10.2***            | <a href="#"><u>Amended and Restated 2006 Stock Incentive Plan (incorporated by reference from Exhibit A to Proxy Statement filed August 28, 2013).</u></a>   |
| 10.3               | <a href="#"><u>Agreement for Renewable Energy Economic Development Grants, dated November 3, 2003, between State of New Jersey Board of Public Utilities and Ocean Power Technologies, Inc. (incorporated by reference from Exhibit 10.18 to Form S-1/A filed March 19, 2007).</u></a>   |
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| 10.27              | <a href="#">Common Stock Purchase Agreement, dated August 13, 2018, between Ocean Power Technologies, Inc. and Aspire Capital Fund, LLC (incorporated by reference from Exhibit 10.1 to Current Report on Form 8-K filed on August 13, 2018).</a> |
| 21.1               | <a href="#">Subsidiaries of the Registrant (incorporated by reference to Exhibit 21.1 to the Registrant's Annual Report on Form 10-K for the year ended April 30, 2017).</a>  |
| 23.1 **            | <a href="#">Consent of KPMG LLP.</a>  |
| 23.2 **            | <a href="#">Form of Consent of Porter Hedges LLP (included in Exhibit 5.1).</a>   |
| 24.1               | <a href="#">Power of Attorney (contained in signature pages).</a>   |

\* To be filed by amendment.

\*\* Filed herewith.

\*\*\* Management contract or compensatory plan or arrangement.

+++ PORTIONS OF THIS EXHIBIT HAVE BEEN OMITTED PURSUANT TO A REQUEST FOR CONFIDENTIAL TREATMENT FILED WITH THE SECURITIES AND EXCHANGE COMMISSION AND THIS EXHIBIT HAS BEEN FILED SEPARATELY WITH THE SECURITIES AND EXCHANGE COMMISSION IN CONNECTION WITH SUCH REQUEST.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the Township of Monroe, State of New Jersey, on the 13th day of August, 2018.

### OCEAN POWER TECHNOLOGIES, INC.

By: */s/ George H. Kirby*

George H. Kirby  
Chief Executive Officer

We the undersigned officers and directors of Ocean Power Technologies, Inc., hereby, severally constitute and appoint George H. Kirby, Matthew T. Shafer and John Lawrence, each of them singly, our true and lawful attorneys with full power to them and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-1 filed herewith and any and all pre-effective and post-effective amendments to said registration statement and any subsequent registration statement for the same offering which may be filed under Rule 462(b) and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable Ocean Power Technologies, Inc. to comply with the provisions of the Securities Act of 1933, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto or to any subsequent registration statement for the same offering which may be filed under Rule 462(b).

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

| <u>Signature</u>   | <u>Title</u>  | <u>Date</u>     |
|--|---|-----------------|
| <u><i>/s/ George H. Kirby</i></u><br>George H. Kirby     | President, Chief Executive Officer<br>and Director (Principal Executive Officer)      | August 13, 2018 |
| <u><i>/s/ Matthew T. Shafer</i></u><br>Matthew T. Shafer | Chief Financial Officer and Treasurer<br>(Principal Financial and Accounting Officer) | August 13, 2018 |
| <u><i>/s/ Terence J. Cryan</i></u><br>Terence J. Cryan   | Chairman of the Board and Director  | August 13, 2018 |
| <u><i>/s/ Dean J. Glover</i></u><br>Dean J. Glover       | Vice Chairman of the Board and Director   | August 13, 2018 |
| <u><i>/s/ Steven M. Fludder</i></u><br>Steven M. Fludder | Director  | August 13, 2018 |
| <u><i>/s/ Robert K. Winters</i></u><br>Robert K. Winters | Director  | August 13, 2018 |





August 13, 2018

014660/0010

Ocean Power Technologies, Inc.  
28 Engelhard Drive, Suite B  
Monroe Township, New Jersey 08831

Ladies and Gentlemen:

We have acted as special counsel to Ocean Power Technologies, Inc., a Delaware corporation (the "Company"), in connection with the registration under the Securities Act of 1933, as amended (the "Securities Act"), on a registration statement on Form S-1, as may be amended from time to time (the "Registration Statement"), filed with the Securities and Exchange Commission (the "SEC"), for the offer and sale by the selling stockholders named in the Registration Statement, of up to 3,671,820 shares (the "Shares") of the Company's common stock, par value \$0.001 per share.

As the basis for the opinions hereinafter expressed, we have examined: (i) originals, or copies certified or otherwise identified, of (a) the Registration Statement; (b) the Certificate of Incorporation of the Company, as amended to date; (c) the Bylaws of the Company, as amended to date; (d) certain resolutions of the Board of Directors of the Company; and (e) such other instruments and documents as we have deemed necessary or advisable for the purposes of this opinion; and (ii) such statutes, including the General Corporation Law of the State of Delaware, and regulations as we have deemed necessary or advisable for the purposes of this opinion. We have not independently verified any factual matter relating to this opinion.

In making our examination, we have assumed and have not verified (i) that all signatures on documents examined by us are genuine, (ii) the legal capacity of all natural persons, (iii) the authenticity of all documents submitted to us as originals and (iv) the conformity to the original documents of all documents submitted to us as copies thereof.

Based on the foregoing, and subject to the assumptions, exceptions and qualifications set forth herein, we are of the opinion that the Shares have been validly issued and are fully paid and non-assessable.

The opinions expressed herein are limited to the General Corporation Law of the State of Delaware and the federal securities laws of the United States of America.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the reference to our firm under the caption "Legal Matters" in the prospectus included as a part of the Registration Statement. In giving this consent, we do not thereby admit that we are included in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the SEC issued thereunder.

Very truly yours,

*/s/ Porter Hedges LLP*

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PORTER HEDGES LLP

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**Consent of Independent Registered Public Accounting Firm**

The Board of Directors  
Ocean Power Technologies, Inc.:

We consent to the use of our report dated July 17, 2018, with respect to the consolidated balance sheets of Ocean Power Technologies, Inc. and subsidiaries as of April 30, 2018, and 2017, and the related consolidated statements of operations, comprehensive loss, stockholders' equity, and cash flows for each of the years in the two-year period ended April 30, 2018, and the related notes, incorporated herein by reference and to the reference to our firm under the heading "Experts" in the prospectus.

Our report dated July 17, 2018 contains an explanatory paragraph that states that the Company's cash balance, recurring losses from operations, and accumulated deficit raise substantial doubt about the Company's ability to continue as a going concern, as discussed in Note 1(b) to the consolidated financial statements. The consolidated financial statements do not include any adjustments that might result from the outcome of that uncertainty.

*/s/ KPMG LLP*

Philadelphia, Pennsylvania  
August 13, 2018

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