

Item 1.01. Entry into a Material Definitive Agreement.

On May 19, 2016, IPG Laser GmbH ("IPG Laser"), a wholly-owned subsidiary of IPG Photonics Corporation (the "Registrant"), entered into an amendment of its unsecured revolving line of credit (the "Credit Facility Agreement") with Deutsche Bank AG ("Deutsche Bank") to provide for a new margin line to be used for foreign exchange hedging purposes by the Registrant's Chinese subsidiary. IPG Laser, located in Burbach, Germany, is one of the Registrant's principal manufacturing, research and sales operations.

Under the amended Credit Facility Agreement, IPG Laser continues to have available credit up to Euro 30.0 million. The revolving cash facility had been reduced from Euro 19.0 million to Euro 16.0 million, a new margin line of Euro 3.0 million has been added, and the guarantee facility of Euro 11.0 million has not changed. Of the Euro 30.0 million in available credit, up to Euro 17.0 million is available to certain of our foreign subsidiaries as follows: our Russian subsidiary - up to Euro 8.0 million, our Italian subsidiary - up to Euro 3.0 million and our Chinese subsidiary - up to Euro 6.0 million (representing an increase of Euro 3.0 million for the margin line).

Also on May 19, 2016, the Registrant amended its unsecured revolving loan agreement (the "Loan Agreement") with Bank of America, N.A. ("Bank of America") to increase the commitment by \$23.75 million under a new term note (the "Term Note") of the same amount. The proceeds from the Term Note will be used to purchase and build out an office building in Marlborough, Massachusetts. The Term Note has a seven year term and a floating rate based upon LIBOR. The rate has been fixed with an interest rate swap at 2.85% per annum.

The foregoing descriptions of the amendments to the Credit Facility Agreement and Loan Agreement, and Term Note do not purport to be complete and are qualified in their entirety by reference to such documents, copies of which are attached as exhibits to this Current Report on Form 8-K and are incorporated herein by reference.

Item 2.03. Creation of a Direct Financial Obligation or an Obligation under an Off-Balance Sheet Arrangement of a Registrant.

The information set forth under Item 1.01, "Entry into a Material Definitive Agreement," is incorporated herein by reference.

Item 8.01 Other Events

Certain directors and officers of IPG Photonics Corporation (the “Company”) adopt from time to time pre-arranged trading plans (each, a “Plan”) designed to comply with Rule 10b5-1 under the Securities Exchange Act of 1934, as amended, and the Company’s policies regarding stock transactions. Under Rule 10b5-1, directors, officers and other persons who are not in possession of material non-public information may adopt a plan or contract for pre-arranged sales of Company securities under specified conditions and at specified times. Using these Plans, insiders can gradually diversify their investment portfolios, spread stock trades out over an extended period of time to reduce market impact and avoid concerns about transactions occurring at a time when they might possess inside information.

The Plan adopted by Igor Samartsev, Chief Technology Officer and a Director of the Company, provides for the sale of up to 35,000 shares over a period ending June 2017, unless terminated sooner in certain circumstances. Of these shares, 35,000 shares would be acquired through the exercise of stock options. Shares will be sold under the Plan on the open market at prevailing market prices, subject to minimum price thresholds.

The Plan adopted by George BuAbbud, Vice President - Telecommunication Products of the Company, provides for the sale of up to 14,345 shares over a period ending June 2017, unless terminated sooner in certain circumstances. Of these shares, 14,345 shares would be acquired through the exercise of stock options and vesting of restricted stock units. Shares will be sold under the Plan on the open market at prevailing market prices, subject to minimum price thresholds.

The Company does not undertake to report Plans that may be adopted by any directors or officers of the Company in the future, or to report any modification or termination of any Plan, except to the extent required by law.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit

- No.
- | | |
|-----------------|--|
| Exhibit
10.1 | Second Amendment of the Credit Facility Agreement between IPG Laser GmbH and Deutsche Bank AG, dated April 18, 2016. |
| Exhibit
10.2 | Annex 1 (2nd Amendment) to Guarantee of IPG Laser GmbH to Deutsche Bank AG, dated April 18, 2016. |
| Exhibit
10.3 | First Amendment to the Amended and Restated Loan Agreement, between the Registrant and Bank of America, N.A. dated as of May 19, 2016. |
| Exhibit
10.4 | Term Note, between the Registrant and Bank of America, N.A., dated May 19, 2016. |
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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this Current Report on Form 8-K to be signed on its behalf by the undersigned thereunto duly authorized.

IPG
PHOTONICS
CORPORATION

May 20, 2016 /s/ Angelo
P. Lopresti
Angelo P.
Lopresti
Senior Vice
President,
General
Counsel &
Corporate
Secretary

EXHIBIT INDEX

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