

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On April 1, 2015, Cabot Microelectronics Corporation (the "Company") issued a press release entitled "Susan M. Whitney Elected to Cabot Microelectronics' Board of Directors", a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference, announcing that Susan M. Whitney has been elected to the Company's Board of Directors effective April 1, 2015. Ms. Whitney was elected as a Class I director with an initial term to expire at the Annual Meeting of Stockholders in 2016. Ms. Whitney has been appointed to serve on each of the Audit Committee and the Compensation Committee of the Board. The Board of Directors has determined that Ms. Whitney is an independent director as defined by relevant regulations.

Ms. Whitney's compensation and terms for her services as a director will be consistent with those of the Company's other non-employee directors, as described in Exhibit 10.46 of the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on February 8, 2011. Other than these, no arrangement or understanding exists between Ms. Whitney and the Company, or to the Company's knowledge, any other person or persons pursuant to which Ms. Whitney was selected as a director. Ms. Whitney is not a party to any transaction with the Company that would require disclosure under Item 404(a) of Regulation S-K.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibits

99.1 Press release, dated April 1, 2015, entitled "Susan M. Whitney Elected to Cabot Microelectronics' Board of Directors."

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

CABOT MICROELECTRONICS CORPORATION
[Registrant]

Date: April 1, 2015 By: /s/ WILLIAM S. JOHNSON
William S. Johnson
Executive Vice President and Chief Financial Officer
[Principal Financial Officer]

INDEX TO EXHIBITS

Exhibit

Number Title

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