

BANK OF MONTREAL /CAN/  
Form 8-A12B  
January 22, 2018

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

Form 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR 12(g) OF THE  
THE SECURITIES EXCHANGE ACT OF 1934

Bank of Montreal  
(Exact name of Registrant as specified in Its Charter)

|   |   |
|---|---|
| Canada<br>(State or other jurisdiction<br>of incorporation or organization) | Not Applicable<br>(I.R.S. Employer<br>Identification No.) |
|---|---|

|  |                |
|--|----------------|
| 100 King Street West<br>1 First Canadian Place<br>Toronto, Ontario<br>Canada M5X 1A1<br>(Address of principal executive office) (Zip Code) | Not Applicable |
|--|----------------|

Securities registered pursuant to Section 12(b) of the Act:

| Title of each class  | Name of each exchange on<br>which<br>registered |
|--|---|
| BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange<br>Traded Notes due January 8, 2038 | NYSE Arca, Inc.                                 |

If this form relates to the registration of a class of securities pursuant to Section 12 (b) of the Exchange Act and is effective pursuant to General Instruction A. (c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12 (g) of the Exchange Act and is effective pursuant to General Instruction A. (d), please check the following box.

Securities Act registration statement file number to which this form relates: 333-217200 (if applicable)

Securities to be registered pursuant to Section 12 (g) of the Act: None

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Item 1. Description of Registrant's Securities to be Registered.

The description of the BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange Traded Notes due January 8, 2038 (the "Notes") of the registrant is incorporated herein by reference to (i) the sections captioned "Description of Debt Securities We May Offer" and "United States Federal Income Taxation" in the registrant's Prospectus, dated April 27, 2017, in the registrant's registration statement on Form F-3 (File No. 333-217200), (ii) the section captioned "Description of the Notes We May Offer" in the registrant's Prospectus Supplement, dated April 27, 2017, to the Prospectus and (iii) the registrant's Pricing Supplement, dated January 22, 2018. The outstanding principal amount of the Notes registered hereby may be increased from time to time in the future due to further issuances of Notes having substantially the same terms. If any such additional Notes are issued, a pricing supplement relating to them will be filed with the Securities and Exchange Commission and will be incorporated herein by reference. The Notes registered hereby are, and any additional Notes registered hereby in the future will be, all part of a single series and will have the same CUSIP number as described in the Pricing Supplement referenced above.

Item 2. Exhibits.

Senior Indenture, dated as of January 25, 2010, between the registrant and Wells Fargo Bank, National Association, 1. as trustee (incorporated by reference to Exhibit 4.1 to the registrant's Registration Statement on Form F-3 filed with the Commission on May 4, 2011 (file number 333-173924)).

Pricing Supplement, dated January 22, 2018, to the registrant's Prospectus, dated April 27, 2017, and Prospectus 2. Supplement, dated April 27, 2017, incorporated herein by reference to the registrant's filing pursuant to Rule 424(b), filed on January 22, 2018.

3. Form of BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange Traded Notes due January 8, 2038.

SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

**BANK OF MONTREAL**

Date: January 22, 2018

By: /s/ Abid Chaudry  
Name: Abid Chaudry  
Title: Managing Director and Head  
Global Structured Products  
BMO Capital Markets

EXHIBIT INDEX

Exhibit

Exhibit  
No.

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Form of BMO REX MicroSectors™ FANG+™ Index 3X Leveraged Exchange Traded Notes due January 8, 2038

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