

Twining Kurt E
 Form 4
 February 24, 2012

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Twining Kurt E

(Last) (First) (Middle)
 4000 INTERNATIONAL PARKWAY
 (Street)

CARROLLTON, TX 75007

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 REALPAGE INC [RP]

3. Date of Earliest Transaction (Month/Day/Year)
 02/22/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 Chief People Officer

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount (D) or Price		
Common Stock	02/22/2012		A		10,000 <u>(1)</u>	A	\$ 0 29,232 D
Common Stock	02/22/2012		A		2,500 <u>(2)</u>	A	\$ 0 31,732 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 20.01	02/22/2012		A	20,000	04/01/2012 ⁽³⁾ 02/12/2022	Common Stock	20,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Twining Kurt E 4000 INTERNATIONAL PARKWAY CARROLLTON, TX 75007			Chief People Officer	

Signatures

/s/ Kurt Twining 02/24/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Restricted Stock awarded to Reporting Person on February 22, 2012 - 6.25% of the shares shall vest on the first day of each calendar quarter for sixteen quarters beginning on April 1, 2012.
- (2) Restricted Stock awarded to Reporting Person on 02/22/2012 - 25% of the Shares shall vest on the first day of each quarter for four (4) quarters beginning on April 1, 2012.
- (3) 5% of the shares subject to the option vest and become exercisable on the first day of each calendar quarter for 15 consecutive quarters beginning on April 1, 2012 and 25% of the shares subject to the option vest and become exercisable on the first day of the next following calendar quarter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. Change + Buffer Percentage]]

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If the Percentage Change is less than -10.00%, investors will lose up to 90.00% of the principal amount of the notes.

Upside Leverage Factor:200.00% Maximum Return:15.50% Maximum Redemption Amount:The payment at maturity will not exceed the Maximum Redemption Amount of \$1,155.00 per \$1,000 in principal amount of the notes. Initial Level:\$95.41, which was the closing price of the Underlying Asset on the Pricing Date. Final Level:The closing price of one share of the Underlying Asset on the Valuation Date. Buffer Level:\$85.87, which is 90.00% of the Initial Level, rounded to two decimal places. Buffer Percentage:10.00%. Accordingly, you will receive the principal amount of your notes at maturity only if the price of the Underlying Asset does not decrease by more than 10.00% from the Pricing Date to the Valuation Date. If the Final Level is less than the Buffer Level, you will receive less than the principal amount of your notes at maturity, and you could lose up to 90.00% of the principal amount of your notes. Percentage Change: Final Level – Initial Level, expressed as a percentage.

Initial Level Pricing Date:August 8, 2018 Settlement Date:August 13, 2018 Valuation Date:February 10, 2020 Maturity Date:February 13, 2020 Automatic Redemption: Not applicable. Calculation Agent:BMOCM Selling Agent:BMOCM

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Payoff Example

The following table shows the hypothetical payout profile of an investment in the notes reflecting the 200% Upside Leverage Factor, the Buffer Level of 90%, and the Maximum Return of 15.50%. Please see the hypothetical examples below for more detailed examples.

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Additional Terms of the Notes

You should read this pricing supplement together with the product supplement dated May 1, 2017, the prospectus supplement dated April 27, 2017 and the prospectus dated April 27, 2017. **This pricing supplement, together with the documents listed below, contains the terms of the notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including preliminary or indicative pricing terms, correspondence, trade ideas, structures for implementation, sample structures, fact sheets, brochures or other educational materials of ours or the agent.** You should carefully consider, among other things, the matters set forth in “Additional Risk Factors Relating to the Notes” in the product supplement, as the notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisers before you invest in the notes.

You may access these documents on the SEC website at www.sec.gov as follows (or if such address has changed, by reviewing our filings for the relevant date on the SEC website):

Product supplement dated May 1, 2017:

<https://www.sec.gov/Archives/edgar/data/927971/000121465917002864/d427171424b5.htm>

Prospectus supplement dated April 27, 2017:

<https://www.sec.gov/Archives/edgar/data/927971/000119312517142764/d381374d424b5.htm>

Prospectus dated April 27, 2017:

<https://www.sec.gov/Archives/edgar/data/927971/000119312517142728/d254784d424b2.htm>

Our Central Index Key, or CIK, on the SEC website is 927971. As used in this pricing supplement, “we,” “us” or “our” refers to Bank of Montreal.

Selected Risk Considerations

An investment in the notes involves significant risks. Investing in the notes is not equivalent to investing directly in the Underlying Asset. These risks are explained in more detail in the “Additional Risk Factors Relating to the Notes” section of the product supplement.

Your investment in the notes may result in a loss. — You may lose some or substantially all of your investment in the notes. The minimum percentage of your principal that you are entitled to receive under the terms of the notes is only 10.00%. The payment at maturity will be based on the Final Level, and whether the Final Level of the Underlying Asset on the Valuation Date has declined from the Initial Level to a price that is less than the Buffer Level. You will lose 1.00% of the principal amount of your notes for each 1.00% that the Final Level is less than the Buffer Level. **Accordingly, you could lose up to 90.00% of the principal amount of the notes.**

Your return on the notes is limited to the Maximum Redemption Amount, regardless of any appreciation in the share price of the Underlying Asset. — You will not receive a payment at maturity with a value greater than the Maximum Redemption Amount per \$1,000 in principal amount of the notes. This will be the case even if the Percentage Change multiplied by the Upside Leverage Factor exceeds the Maximum Return.

Your investment is subject to the credit risk of Bank of Montreal. — Our credit ratings and credit spreads may adversely affect the market value of the notes. Investors are dependent on our ability to pay the amount due at maturity, and therefore investors are subject to our credit risk and to changes in the market’s view of our creditworthiness. Any decline in our credit ratings or increase in the credit spreads charged by the market for taking our credit risk is likely to adversely affect the value of the notes.

Potential conflicts. — We and our affiliates play a variety of roles in connection with the issuance of the notes, including acting as calculation agent. In performing these duties, the economic interests of the calculation agent and other affiliates of ours are potentially adverse to your interests as an investor in the notes. We or one or more of our affiliates may also engage in trading of shares of the Underlying Asset or the securities held by the Underlying Asset on a regular basis as part of our general broker-dealer and other businesses, for proprietary accounts, for other accounts under management or to facilitate transactions for our customers. Any of these activities could adversely affect the price of the Underlying Asset and, therefore, the market value of, and the payments on, the notes. We or one or more of our affiliates may also issue or underwrite other securities or financial or derivative instruments with returns linked or related to changes in the performance of the Underlying Asset. By introducing competing products into the marketplace in this manner, we or one or more of our affiliates could adversely affect the market value of the notes.

Our initial estimated value of the notes is lower than the price to public. — Our initial estimated value of the notes is only an estimate, and is based on a number of factors. The price to public of the notes exceeds our initial estimated value, because costs associated with offering, structuring and hedging the notes are

included in the price to public, but are not included in the estimated value. These costs include the underwriting discount and selling concessions, the profits that we and our affiliates expect to realize for assuming the risks in hedging our obligations under the notes and the estimated cost of hedging these obligations.

Our initial estimated value does not represent any future value of the notes, and may also differ from the estimated value of any other party. — Our initial estimated value of the notes as of the date of this pricing supplement is derived using our internal pricing models. This value is based on market conditions and other relevant factors, which include volatility of the Underlying Asset, dividend rates and interest rates. Different pricing models and assumptions could provide values for the notes that are greater than or less than our initial estimated value. In addition, market conditions and other relevant factors after the Pricing Date are expected to change, possibly rapidly, and our assumptions may prove to be incorrect. After the Pricing Date, the value of the notes could change dramatically due to changes in market conditions, our creditworthiness, and the other factors set forth in this pricing supplement and the product supplement. These changes are likely to impact the price, if any, at which we or BMOCM would be willing to purchase the notes from you in any secondary market transactions. Our initial estimated value does not represent a minimum price at which we or our affiliates would be willing to buy your notes in any secondary market at any time.

The terms of the notes were not determined by reference to the credit spreads for our conventional fixed-rate debt. — To determine the terms of the notes, we used an internal funding rate that represents a discount from the credit spreads for our conventional fixed-rate debt. As a result, the terms of the notes are less favorable to you than if we had used a higher funding rate.

Certain costs are likely to adversely affect the value of the notes. — Absent any changes in market conditions, any secondary market prices of the notes will likely be lower than the price to public. This is because any secondary market prices will likely take into account our then-current market credit spreads, and because any secondary market prices are likely to exclude all or a portion of the underwriting discount and selling concessions, and the hedging profits and estimated hedging costs that are included in the price to public of the notes and that may be reflected on your account statements. In addition, any such price is also likely to reflect a discount to account for costs associated with establishing or unwinding any related hedge transaction, such as dealer discounts, mark-ups and other transaction costs. As a result, the price, if any, at which BMOCM or any other party may be willing to purchase the notes from you in secondary market transactions, if at all, will likely be lower than the price to public. Any sale that you make prior to the maturity date could result in a substantial loss to you.

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Owning the notes is not the same as owning shares of the Underlying Asset or a security directly linked to the Underlying Asset. — The return on your notes will not reflect the return you would realize if you actually owned shares of the Underlying Asset or a security directly linked to the performance of the Underlying Asset and held that investment for a similar period. Your notes may trade quite differently from the Underlying Asset. Changes in the price of the Underlying Asset may not result in comparable changes in the market value of your notes. Even if the price of the Underlying Asset increases during the term of the notes, the market value of the notes prior to maturity may not increase to the same extent. It is also possible for the market value of the notes to decrease while the price of the Underlying Asset increases. In addition, any dividends or other distributions paid on the Underlying Asset will not be reflected in the amount payable on the notes. The return on the notes may be less than the return on an investment in the Underlying Asset.

You will not have any shareholder rights and will have no right to receive any shares of the Underlying Asset at maturity. — Investing in your notes will not make you a holder of any shares of the Underlying Asset, or any securities held by the Underlying Asset. Neither you nor any other holder or owner of the notes will have any voting rights, any right to receive dividends or other distributions, or any other rights with respect to those securities.

Changes that affect the Underlying Index will affect the market value of the notes and the amount you will receive at maturity. — The policies of the index sponsor, S&P Dow Jones Indices LLC (“S&P”) for the Underlying Index of the SPDR® S&P® Biotech ETF, concerning the calculation of the Underlying Index, additions, deletions or substitutions of the components of the Underlying Index and the manner in which changes affecting those components, such as stock dividends, reorganizations or mergers, may be reflected in the Underlying Index and, therefore, could affect the share price of the Underlying Asset, the amounts payable on the notes, and the market value of the notes prior to maturity. The amounts payable on the notes and their market value could also be affected if the index sponsor changes these policies, for example, by changing the manner in which it calculates the Underlying Index, or if the index sponsor discontinues or suspends the calculation or publication of the Underlying Index.

We have no affiliation with the index sponsor of the Underlying Index and will not be responsible for its actions. — The sponsor of the Underlying Index is not our affiliate, and will not be involved in the offering of the notes in any way. Consequently, we have no control over the actions of the index sponsor of the Underlying Index, including any actions of the type that would require the calculation agent to adjust the payment to you at maturity. The index sponsor of the Underlying Index has no obligation of any sort with respect to the notes. Thus, the index sponsor of the Underlying Index has no obligation to take your interests into consideration for any reason, including in taking any actions that might affect the value of the notes. None of our proceeds from the issuance of the notes will be delivered to the index sponsor of the Underlying Index.

Adjustments to the Underlying Asset could adversely affect the notes. — The sponsor and advisor of the Underlying Asset (which is SSgA Funds Management, Inc. (“SSFM”) for the SPDR® S&P® Biotech ETF) is responsible for calculating and maintaining the Underlying Asset. The sponsor and advisor of the Underlying Asset can add, delete or substitute the stocks held by the Underlying Asset or make other methodological changes that could change the share price of the Underlying Asset at any time. If one or more of these events occurs, the calculation of the amount payable at maturity may be adjusted to reflect such event or events. Consequently, any of these actions could adversely affect the amounts payable on the notes, and/or the market value of the notes.

We and our affiliates do not have any affiliation with the investment advisor of the Underlying Asset and are not responsible for its public disclosure of information. — The investment advisor of the Underlying Asset advises the Underlying Asset on various matters, including matters relating to the policies, maintenance and calculation of the Underlying Asset. We and our affiliates are not affiliated with the investment advisor in any way and have no ability to control or predict its actions, including any errors in or discontinuance of disclosure regarding its methods or policies relating to the Underlying Asset. The investment advisor is not involved in the offering of the notes in any way and has no obligation to consider your interests as an owner of the notes in taking any actions relating to the Underlying Asset that might affect the value of the notes. Neither we nor any of our affiliates has independently verified the adequacy or accuracy of the information about the investment advisor or the Underlying Asset contained in any public disclosure of information. You, as an investor in the notes, should make your own investigation into the Underlying Asset.

The correlation between the performance of the Underlying Asset and the performance of the Underlying Index may be imperfect. — The performance of the Underlying Asset is linked principally to the performance of the Underlying Index. However, because of the potential discrepancies identified in more detail in the product supplement, the return on the Underlying Asset may correlate imperfectly with the return on the Underlying Index.

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The Underlying Asset is subject to management risks. — The Underlying Asset is subject to management risk, which is the risk that the investment advisor's investment strategy, the implementation of which is subject to a number of constraints, may not produce the intended results. For example, the investment advisor may invest a portion of the Underlying Asset's assets in securities not included in the relevant industry or sector but which the investment advisor believes will help the Underlying Asset track the relevant industry or sector.

Lack of liquidity. — The notes will not be listed on any securities exchange. BMOCM may offer to purchase the notes in the secondary market, but is not required to do so. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the notes easily. Because other dealers are not likely to make a secondary market for the notes, the price at which you may be able to trade the notes is likely to depend on the price, if any, at which BMOCM is willing to buy the notes.

Hedging and trading activities. — We or any of our affiliates may have carried out or may carry out hedging activities related to the notes, including purchasing or selling shares of the Underlying Asset or securities held by the Underlying Asset, or futures or options relating to the Underlying Asset, or other derivative instruments with returns linked or related to changes in the performance of the Underlying Asset. We or our affiliates may also engage in trading of shares of the Underlying Asset or securities included in the Underlying Index from time to time. Any of these hedging or trading activities on or prior to the Pricing Date and during the term of the notes could adversely affect our payment to you at maturity.

Many economic and market factors will influence the value of the notes. — In addition to the price of the Underlying Asset and interest rates on any trading day, the value of the notes will be affected by a number of economic and market factors that may either offset or magnify each other, and which are described in more detail in the product supplement.

You must rely on your own evaluation of the merits of an investment linked to the Underlying Asset. — In the ordinary course of their businesses, our affiliates from time to time may express views on expected movements in the price of the Underlying Asset or the prices of the securities held by the Underlying Asset. One or more of our affiliates have published, and in the future may publish, research reports that express views on the Underlying Asset or these securities. However, these views are subject to change from time to time. Moreover, other professionals who deal in the markets relating to the Underlying Asset at any time may have significantly different views from those of our affiliates. You are encouraged to derive information concerning the Underlying Asset from multiple sources, and you should not rely on the views expressed by our affiliates.

Neither the offering of the notes nor any views which our affiliates from time to time may express in the ordinary course of their businesses constitutes a recommendation as to the merits of an investment in the notes.

Significant aspects of the tax treatment of the notes are uncertain. — The tax treatment of the notes is uncertain. We do not plan to request a ruling from the Internal Revenue Service or from any Canadian authorities regarding the tax treatment of the notes, and the Internal Revenue Service or a court may not agree with the tax treatment described

in this pricing supplement.

The Internal Revenue Service has issued a notice indicating that it and the Treasury Department are actively considering whether, among other issues, a holder should be required to accrue interest over the term of an instrument such as the notes even though that holder will not receive any payments with respect to the notes until maturity and whether all or part of the gain a holder may recognize upon sale or maturity of an instrument such as the notes could be treated as ordinary income. The outcome of this process is uncertain and could apply on a retroactive basis.

Please read carefully the section entitled “U.S. Federal Tax Information” in this pricing supplement, the section entitled “Supplemental Tax Considerations—Supplemental U.S. Federal Income Tax Considerations” in the accompanying product supplement, the section entitled “United States Federal Income Taxation” in the accompanying prospectus and the section entitled “Certain Income Tax Consequences” in the accompanying prospectus supplement. You should consult your tax advisor about your own tax situation.

Additional Risks Relating to the SPDR® S&P® Biotech ETF

The stocks included in the Underlying Index of the SPDR® S&P® Biotech ETF are concentrated in the biotechnology sector. — All of the stocks included in the Underlying Index are issued by companies whose primary lines of business are directly associated with the biotechnology sector. The profitability of these companies is largely dependent on, among other things, demand for the companies’ products, safety of the companies’ products, regulatory influences on the biotechnology market (including receipt of regulatory approvals and compliance with complex regulatory requirements), pricing and reimbursement from third party payors, continued innovation, talent attraction and retention, maintaining intellectual property rights and intense industry competition. Any negative developments affecting the biotechnology sector could affect negatively the price of the Underlying Asset and, in turn, could have an adverse effect on the value of the notes and the payments on the notes.

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Hypothetical Return on the Notes at Maturity

The following table and examples illustrate the hypothetical return at maturity on a \$1,000 investment in the notes. The “return,” as used in this section is the number, expressed as a percentage, which results from comparing the payment at maturity per \$1,000 in principal amount of the notes to \$1,000. The hypothetical total returns set forth below are based on a hypothetical Initial Level of \$40.00, the Buffer Percentage of 10.00%, the Upside Leverage Factor of 200.00%, the Maximum Return of 15.50% and the Maximum Redemption Amount of \$1,155.00. The hypothetical returns set forth below are for illustrative purposes only and may not be the actual returns applicable to investors in the notes. The numbers appearing in the following table and in the examples below have been rounded for ease of analysis.

Hypothetical Final Level	Hypothetical Percentage Change	Hypothetical Return on the Notes
\$80.00	100.00%	15.50%
\$60.00	50.00%	15.50%
\$50.00	25.00%	15.50%
\$44.00	10.00%	15.50%
\$43.10	7.75%	15.50%
\$42.00	5.00%	10.00%
\$40.80	2.00%	4.00%
\$40.00	0.00%	0.00%
\$39.20	-2.00%	0.00%
\$38.00	-5.00%	0.00%
\$36.00	-10.00%	0.00%
\$28.00	-30.00%	-20.00%
\$24.00	-40.00%	-30.00%
\$16.00	-60.00%	-50.00%
\$8.00	-80.00%	-70.00%
\$0.00	-100.00%	-90.00%

Hypothetical Examples of Amounts Payable at Maturity

The following examples illustrate how the returns set forth in the table above are calculated.

Example 1: The price of the Underlying Asset decreases from the hypothetical Initial Level of \$40.00 to a hypothetical Final Level of \$16.00, representing a Percentage Change of -60%. Because the Percentage Change is negative and the hypothetical Final Level of \$16.00 is less than the Initial Level by more than the Buffer Percentage of 10.00%, the investor receives a payment at maturity of \$500.00 per \$1,000 in principal amount of the notes, calculated as follows:

Explanation of Responses:

$$\$1,000 + [\$1,000 \times (-60\% + 10.00\%)] = \$500.00$$

Example 2: The price of the Underlying Asset decreases from the hypothetical Initial Level of \$40.00 to a hypothetical Final Level of \$39.20, representing a Percentage Change of -2.00%. Although the Percentage Change is negative, because the hypothetical Final Level of \$39.20 is less than the Initial Level by not more than the Buffer Percentage of 10.00%, the investor receives a payment at maturity of \$1,000.00 per \$1,000 in principal amount of the notes.

Example 3: The price of the Underlying Asset increases from the hypothetical Initial Level of \$40.00 to a hypothetical Final Level of \$40.80, representing a Percentage Change of 2.00%. Because the hypothetical Final Level of \$40.80 is greater than the Initial Level, and the Percentage Change of 2.00% multiplied by the Upside Leverage Factor of 200.00% does not exceed the Maximum Return of 15.50%, the investor receives a payment at maturity of \$1,040.00 per \$1,000 in principal amount of the notes, calculated as follows:

$$\$1,000 + [\$1,000 \times (2.00\% \times 200.00\%)] = \$1,040.00$$

Example 4: The price of the Underlying Asset increases from the hypothetical Initial Level of \$40.00 to a hypothetical Final Level of \$60.00, representing a Percentage Change of 50%. Because the hypothetical Final Level of \$60.00 is greater than the Initial Level, and the Percentage Change of 50% multiplied by the Upside Leverage Factor of 200.00% exceeds the Maximum Return of 15.50%, the investor receives a payment at maturity of \$1,155.00 per \$1,000 in principal amount of the notes, the Maximum Redemption Amount.

U.S. Federal Tax Information

By purchasing the notes, each holder agrees (in the absence of a change in law, an administrative determination or a judicial ruling to the contrary) to treat each note as a pre-paid cash-settled derivative contract for U.S. federal income tax purposes. However, the U.S. federal income tax consequences of your investment in the notes are uncertain and the Internal Revenue Service could assert that the notes should be taxed in a manner that is different from that described in the preceding sentence. Please see the discussion (including the opinion of our counsel Morrison & Foerster LLP) in the product supplement under “Supplemental Tax Considerations—Supplemental U.S. Federal Income Tax Considerations,” which applies to the notes, except that the following disclosure supplements, and to the extent inconsistent supersedes, the discussion in the product supplement. The discussions below and in the accompanying product supplement do not address the tax consequences applicable to holders subject to Section 451(b) of the Code.

Under current Internal Revenue Service guidance, withholding on “dividend equivalent” payments (as discussed in the product supplement), if any, will not apply to notes that are issued as of the date of this pricing supplement unless such notes are “delta-one” instruments. Based on our determination that the notes are not delta-one instruments, non-U.S. holders should not generally be subject to withholding on dividend equivalent payments, if any, under the notes.

Supplemental Plan of Distribution (Conflicts of Interest)

BMOCM will purchase the notes from us at a purchase price reflecting the commission set forth on the cover page of this pricing supplement. BMOCM has informed us that, as part of its distribution of the notes, it will reoffer the notes to other dealers who will sell them. Each such dealer, or each additional dealer engaged by a dealer to whom BMOCM reoffers the notes, will receive a commission from BMOCM, which will not exceed the commission set forth on the cover page. This commission includes a selling concession of up to 1.60% of the principal amount that we or one of our affiliates will pay to one or more dealers in connection with the distribution of the notes.

Certain dealers who purchase the notes for sale to certain fee-based advisory accounts may forego some or all of their selling concessions, fees or commissions. The public offering price for investors purchasing the notes in these accounts may be less than 100% of the principal amount, as set forth on the cover page of this document. Investors that hold their notes in these accounts may be charged fees by the investment advisor or manager of that account based on the amount of assets held in those accounts, including the notes.

We will deliver the notes on a date that is greater than two business days following the pricing date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), trades in the secondary market

generally are required to settle in two business days, unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade the notes more than two business days prior to the issue date will be required to specify alternative settlement arrangements to prevent a failed settlement.

We own, directly or indirectly, all of the outstanding equity securities of BMOCM, the agent for this offering. In accordance with FINRA Rule 5121, BMOCM may not make sales in this offering to any of its discretionary accounts without the prior written approval of the customer.

You should not construe the offering of the notes as a recommendation of the merits of acquiring an investment linked to the Underlying Asset or as to the suitability of an investment in the notes.

BMOCM may, but is not obligated to, make a market in the notes. BMOCM will determine any secondary market prices that it is prepared to offer in its sole discretion.

We may use this pricing supplement in the initial sale of the notes. In addition, BMOCM or another of our affiliates may use this pricing supplement in market-making transactions in any notes after their initial sale. Unless BMOCM or we inform you otherwise in the confirmation of sale, this pricing supplement is being used by BMOCM in a market-making transaction.

No Prospectus (as defined in Directive 2003/71/EC (as amended, the “Prospectus Directive”)) will be prepared in connection with the notes. Accordingly, the notes may not be offered to the public in any member state of the European Economic Area (the “EEA”), and any purchaser of the notes who subsequently sells any of the notes in any EEA member state must do so only in accordance with the requirements of the Prospectus Directive, as implemented in that member state.

The notes are not intended to be offered, sold or otherwise made available to, and should not be offered, sold or otherwise made available to, any retail investor in the EEA. For these purposes, the expression “offer” includes the communication in any form and by any means of sufficient information on the terms of the offer and the notes to be offered so as to enable an investor to decide to purchase or subscribe the notes, and a “retail investor” means a person who is one (or more) of: (a) a retail client, as defined in point (11) of Article 4(1) of Directive 2014/65/EU (as amended, “MiFID II”); or (b) a customer, within the meaning of Insurance Distribution Directive 2016/97/EU, as amended, where that customer would not qualify as a professional client as defined in point (10) of Article 4(1) of MiFID II; or (c) not a qualified investor as defined in the Prospectus Directive. Consequently, no key information document required by Regulation (EU) No 1286/2014 (as amended, the “PRIIPs Regulation”) for offering or selling the notes or otherwise making them available to retail investors in the EEA has been prepared, and therefore, offering or selling the notes or otherwise making them available to any retail investor in the EEA may be unlawful under the PRIIPs Regulation.

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For a period of approximately three months following issuance of the notes, the price, if any, at which we or our affiliates would be willing to buy the notes from investors, and the value that BMOCM may also publish for the notes through one or more financial information vendors and which could be indicated for the notes on any brokerage account statements, will reflect a temporary upward adjustment from our estimated value of the notes that would otherwise be determined at that time. This temporary upward adjustment represents a portion of (a) the hedging profit that we or our affiliates expect to realize over the term of the notes and (b) the underwriting discount and the selling concessions paid in connection with this offering. The amount of this temporary upward adjustment will decline to zero on a straight-line basis over the three-month period.

Additional Information Relating to the Estimated Initial Value of the Notes

Our estimated initial value of the notes that is set forth on the cover page of this pricing supplement equals the sum of the values of the following hypothetical components:

- a fixed-income debt component with the same tenor as the notes, valued using our internal funding rate for structured notes; and

- one or more derivative transactions relating to the economic terms of the notes.

The internal funding rate used in the determination of the initial estimated value generally represents a discount from the credit spreads for our conventional fixed-rate debt. The value of these derivative transactions are derived from our internal pricing models. These models are based on factors such as the traded market prices of comparable derivative instruments and on other inputs, which include volatility, dividend rates, interest rates and other factors. As a result, the estimated initial value of the notes on the Pricing Date was determined based on the market conditions on the Pricing Date.

The Underlying Asset

We have derived the following information from publicly available documents. We have not independently verified the accuracy or completeness of the following information. We are not affiliated with the Underlying Asset or its investment advisor, and these entities will have no obligations with respect to the notes. This pricing supplement relates only to the notes and does not relate to the shares of the Underlying Asset or any securities included in the Underlying Index. Neither we nor any of our affiliates participates in the preparation of the publicly available documents described below. Neither we nor any of our affiliates has made any due diligence inquiry with respect to the Underlying Asset in connection with the offering of the notes. There can be no assurance that all events occurring

prior to the date of this pricing supplement, including events that would affect the accuracy or completeness of the publicly available documents described below and that would affect the trading price of the shares of the Underlying Asset, have been or will be publicly disclosed. Subsequent disclosure of any events or the disclosure of or failure to disclose material future events concerning the Underlying Asset could affect the price of the shares of the Underlying Asset after the Pricing Date, and therefore could affect the payments on the notes.

The selection of the Underlying Asset is not a recommendation to buy or sell the shares of the Underlying Asset. Neither we nor any of our affiliates make any representation to you as to the performance of the shares of the Underlying Asset. Information provided to or filed with the SEC under the Exchange Act and the Investment Company Act of 1940 relating to the Underlying Asset may be obtained through the SEC's website at <http://www.sec.gov>.

SPDR® S&P® Biotech ETF

The XBI seeks to provide investment results that correspond generally to the price and yield performance, before fees and expenses, of the S&P® Biotechnology Select Industry® Index (the "Underlying Index").

The Underlying Index represents the biotechnology sub-industry portion of the Standard & Poor's ("S&P") Total Market Index ("S&P TMI"), an index that measures the performance of the U.S. equity market. The XBI is composed of companies that are in the biotechnology sector. The XBI trades on NYSE Arca under the ticker symbol "XBI."

The XBI utilizes a "replication" investment approach in attempting to track the performance of the Underlying Index. The XBI typically invests in substantially all of the securities which comprise the Underlying Index in approximately the same proportions as the Underlying Index. The XBI will normally invest at least 80% of its total assets in the common stocks that comprise the Underlying Index.

The S&P® Biotechnology Select Industry® Index

The Underlying Index is an equal-weighted index that is designed to measure the performance of the biotechnology sub-industry portion of the S&P TMI. The S&P TMI includes all U.S. common equities listed on the New York Stock Exchange (the "NYSE") (including NYSE Arca), the NYSE American, the Nasdaq Global Select Market, and the Nasdaq Capital Market. Each of the component stocks in the Underlying Index is a constituent company within the biotechnology sub-industry portion of the S&P TMI.

To be eligible for inclusion in the Underlying Index, companies must be in the S&P TMI and must be included in the relevant Global Industry Classification Standard (GICS) sub-industry. The GICS was developed to establish a global standard for categorizing companies into sectors and industries. In addition to the above, companies must satisfy one of the two following combined size and liquidity criteria:

- float-adjusted market capitalization above US\$500 million and float-adjusted liquidity ratio above 90%; or
- float-adjusted market capitalization above US\$400 million and float-adjusted liquidity ratio above 150%.

All U.S. companies satisfying these requirements are included in the Underlying Index. The total number of companies in the Underlying Index should be at least 35. If there are fewer than 35 stocks, stocks from a supplementary list of highly correlated sub-industries that meet the market capitalization and liquidity thresholds above are included in order of their float-adjusted market capitalization to reach 35 constituents. Minimum market capitalization requirements may be relaxed to ensure there are at least 22 companies in the Underlying Index as of each rebalancing effective date.

Eligibility factors include:

Market Capitalization: Float-adjusted market capitalization should be at least US\$400 million for inclusion in the Underlying Index. Existing index components must have a float-adjusted market capitalization of US\$300 million to remain in the Underlying Index at each rebalancing.

Liquidity: The liquidity measurement used is a liquidity ratio, defined as dollar value traded over the previous 12-months divided by the float-adjusted market capitalization as of the Underlying Index rebalancing reference date. Stocks having a float-adjusted market capitalization above US\$500 million must have a liquidity ratio greater than 90% to be eligible for addition to the Underlying Index. Stocks having a float-adjusted market capitalization between US\$400 and US\$500 million must have a liquidity ratio greater than 150% to be eligible for addition to the Underlying Index. Existing index constituents must have a liquidity ratio greater than 50% to remain in the Underlying Index at the quarterly rebalancing. The length of time to evaluate liquidity is reduced to the available trading period for IPOs or spin-offs that do not have 12 months of trading history.

Takeover Restrictions: At the discretion of S&P, constituents with shareholder ownership restrictions defined in company bylaws may be deemed ineligible for inclusion in the Underlying Index. Ownership restrictions preventing entities from replicating the index weight of a company may be excluded from the eligible universe or removed from the Underlying Index.

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Turnover: S&P believes turnover in index membership should be avoided when possible. At times, a company may appear to temporarily violate one or more of the addition criteria. However, the addition criteria are for addition to the Underlying Index, not for continued membership. As a result, an index constituent that appears to violate the criteria for addition to the Underlying Index will not be deleted unless ongoing conditions warrant a change in the composition of the Underlying Index.

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Historical Performance of the Underlying Asset

The following table sets forth the high and low closing prices for the Underlying Asset from the first quarter of 2008 through the Pricing Date.

The historical prices of the Underlying Asset are provided for informational purposes only. You should not take the historical prices of the Underlying Asset as an indication of its future performance, which may be better or worse than the prices set forth below.

Closing Levels of the Underlying Asset

	High (in \$)	Low (in \$)
2008 First Quarter	20.44	16.07
Second Quarter	20.06	18.18
Third Quarter	23.16	19.40
Fourth Quarter	20.18	14.79
2009 First Quarter	18.72	14.43
Second Quarter	16.99	14.61
Third Quarter	18.90	15.77
Fourth Quarter	18.08	15.56
2010 First Quarter	20.68	18.16
Second Quarter	20.53	17.22
Third Quarter	19.79	16.65
Fourth Quarter	21.47	19.44
2011 First Quarter	22.26	20.42
Second Quarter	25.08	22.41
Third Quarter	25.18	18.45
Fourth Quarter	22.58	18.90
2012 First Quarter	27.44	22.01
Second Quarter	29.55	24.63
Third Quarter	32.08	28.43
Fourth Quarter	31.85	27.24
2013 First Quarter	33.55	30.41
Second Quarter	37.66	32.39
Third Quarter	43.74	36.24
Fourth Quarter	43.95	38.08

Explanation of Responses:

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2014	First Quarter	56.90	42.97
	Second Quarter	51.35	40.27
	Third Quarter	54.30	44.87
	Fourth Quarter	63.45	48.48
2015	First Quarter	79.33	61.43
	Second Quarter	86.57	68.78
	Third Quarter	90.36	60.02
	Fourth Quarter	72.62	61.16
2016	First Quarter	67.83	45.73
	Second Quarter	59.87	49.55
	Third Quarter	68.83	55.11
	Fourth Quarter	68.13	53.31
2017	First Quarter	72.32	59.59
	Second Quarter	80.31	66.84
	Third Quarter	86.57	74.47
	Fourth Quarter	88.51	79.95
2018	First Quarter	97.03	85.31
	Second Quarter	101.15	82.90
	Third Quarter (through the Pricing Date)	100.84	93.42

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Validity of the Notes

In the opinion of Osler, Hoskin & Harcourt LLP, the issue and sale of the notes has been duly authorized by all necessary corporate action of the Bank in conformity with the Senior Indenture, and when this pricing supplement has been attached to, and duly notated on, the master note that represents the notes, the notes will have been validly executed and issued and, to the extent validity of the notes is a matter governed by the laws of the Province of Ontario, or the laws of Canada applicable therein, and will be valid obligations of the Bank, subject to the following limitations (i) the enforceability of the Senior Indenture may be limited by the Canada Deposit Insurance Corporation Act (Canada), the Winding-up and Restructuring Act (Canada) and bankruptcy, insolvency, reorganization, receivership, moratorium, arrangement or winding-up laws or other similar laws affecting the enforcement of creditors' rights generally; (ii) the enforceability of the Senior Indenture may be limited by equitable principles, including the principle that equitable remedies such as specific performance and injunction may only be granted in the discretion of a court of competent jurisdiction; (iii) pursuant to the Currency Act (Canada) a judgment by a Canadian court must be awarded in Canadian currency and that such judgment may be based on a rate of exchange in existence on a day other than the day of payment; and (iv) the enforceability of the Senior Indenture will be subject to the limitations contained in the Limitations Act, 2002 (Ontario), and such counsel expresses no opinion as to whether a court may find any provision of the Senior Debt Indenture to be unenforceable as an attempt to vary or exclude a limitation period under that Act. This opinion is given as of the date hereof and is limited to the laws of the Provinces of Ontario and the federal laws of Canada applicable thereto. In addition, this opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Indenture and the genuineness of signatures and certain factual matters, all as stated in the letter of such counsel dated April 27, 2017, which has been filed as Exhibit 5.3 to Bank of Montreal's Form 6-K filed with the SEC and dated April 27, 2017.

In the opinion of Morrison & Foerster LLP, when the pricing supplement has been attached to, and duly notated on, the master note that represents the notes, and the notes have been issued and sold as contemplated by the prospectus supplement and the prospectus, the notes will be valid, binding and enforceable obligations of Bank of Montreal, entitled to the benefits of the Senior Indenture, subject to applicable bankruptcy, insolvency and similar laws affecting creditors' rights generally, concepts of reasonableness and equitable principles of general applicability (including, without limitation, concepts of good faith, fair dealing and the lack of bad faith). This opinion is given as of the date hereof and is limited to the laws of the State of New York. This opinion is subject to customary assumptions about the Trustee's authorization, execution and delivery of the Senior Indenture and the genuineness of signatures and to such counsel's reliance on the Bank and other sources as to certain factual matters, all as stated in the legal opinion dated April 27, 2017, which has been filed as Exhibit 5.4 to the Bank's Form 6-K dated April 27, 2017.