

SENSIENT TECHNOLOGIES CORP
 Form 4
 April 04, 2006

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 *
 GAMCO INVESTORS, INC. ET AL

2. Issuer Name and Ticker or Trading Symbol
 SENSIENT TECHNOLOGIES CORP [SXT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 ONE CORPORATE CENTER,
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 04/03/2006

____ Director
 ____ Officer (give title below)
 ___X___ 10% Owner
 ____ Other (specify below)

RYE, NY 10580

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

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

(City) (State) (Zip)

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 Indirect Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	04/03/2006		S	500	D \$ 18.016	3,000	I

By:
 Investment Partnership
(1)

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

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SEC 1474 (9-02)

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

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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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 6)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GAMCO INVESTORS, INC. ET AL ONE CORPORATE CENTER RYE, NY 10580		X		
GABELLI MARIO J C/O GAMCO INVESTORS, INC. ONE CORPORATE CENTER RYE, NY 10580		X		
GGCP, INC. 140 GREENWICH AVENUE GREENWICH, CT 06830		X		

Signatures

/s/ James E. McKee Attorney-in-Fact for MARIO J. GABELLI and GGCP, INC. and Secretary for GAMCO INVESTORS, INC.

04/04/2006

__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).

The Reporting Persons have less than a 100% interest in this entity. The amount of securities reported as beneficially owned reflects the (1) total amount of securities held by this entity which is greater than the Reporting Persons indirect pecuniary interests. The Reporting Persons hereby disclaim ownership of these securities in excess of their pecuniary interests.

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.

if the Final Underlier Level is greater than the Initial Underlier Level but less than the Cap Level, the sum of (i) \$1,000 plus (ii) the product of (a) \$1,000 times (b) the Upside Participation Rate times (c) the Underlier Return; or

if the Final Underlier Level is *equal to or less than* the Initial Underlier Level, the *sum* of (i) \$1,000 *plus* (ii) the *product* of (a) \$1,000 *times* (b) the Underlier Return.

You will lose some or all of your investment at maturity if the Final Underlier Level is less than the Initial Underlier Level. Any payment of the Cash Settlement Amount is subject to the credit of the Issuer.

Initial Underlier Level: 2,738.31

Final Underlier Level: The Closing Level of the Underlier on the Determination Date, except in the limited circumstances described under “Description of PLUS—Postponement of Valuation Date(s)” on page S-44 of the accompanying product supplement, and subject to adjustment as provided under “Description of PLUS—Discontinuance of Any Underlying Index or Basket Index; Alteration of Method of Calculation” on page S-47 of the accompanying product supplement.

Underlier Return: The *quotient* of (i) the Final Underlier Level *minus* the Initial Underlier Level *divided* by (ii) the Initial Underlier Level, expressed as a percentage

Upside Participation Rate: 300%

Cap Level: 2,914.930995, which is 106.45% of the Initial Underlier Level

Maximum Settlement Amount: \$1,193.50 for each \$1,000 Face Amount of notes

Trade Date: November 5, 2018

Original Issue Date (Settlement Date): November 13, 2018 (5 Business Days after the Trade Date)

Determination Date: May 5, 2020, subject to postponement as described in the accompanying product supplement on page S-44 under “Description of PLUS—Postponement of Valuation Date(s).”

Stated Maturity Date: May 7, 2020 (2 Business Days after the Determination Date), subject to postponement as described below.

Postponement of Stated Maturity Date: If the scheduled Determination Date is not a Trading Day or if a market disruption event occurs on that day so that the Determination Date as postponed falls less than two Business Days prior to the scheduled Stated Maturity Date, the Stated Maturity Date of the notes will be postponed to the second Business Day following that Determination Date as postponed.

No interest or dividends: The notes will not pay interest or dividends.

No listing: The notes will not be listed on any securities exchange.

No redemption: The notes will not be subject to any redemption right.

Closing Level: As described under “Description of PLUS—Some Definitions—index closing value” on page S-37 of the accompanying product supplement

Business Day: As described under “Description of PLUS—Some Definitions—business day” on page S-36 of the accompanying product supplement

Trading Day: As described under “Description of PLUS—Some Definitions—index business day” on page S-37 of the accompanying product supplement. The product supplement refers to a Trading Day as an “index business day.”

Market disruption event: The following replaces in its entirety the section entitled “Description of PLUS—Some Definitions—market disruption event” on page S-37 of the accompanying product supplement:

“Market disruption event” means, with respect to the Underlier:

(i) the occurrence or existence of:

- (a) a suspension, absence or material limitation of trading of securities then constituting 20 percent or more, by weight, of the Underlier (or the successor index) on the relevant exchanges for such securities for more than two hours of trading or during the one-half hour period preceding the close of the principal trading session on such relevant exchange, or
- (b) a breakdown or failure in the price and trade reporting systems of any relevant exchange as a result of which the reported trading prices for securities then constituting 20 percent

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or more, by weight, of the Underlier (or the successor index), or futures or options contracts, if available, relating to the Underlier (or the successor index) or the securities then constituting 20 percent or more, by weight, of the Underlier during the last one-half hour preceding the close of the principal trading session on such relevant exchange are materially inaccurate, or

the suspension, material limitation or absence of trading on any major U.S. securities market for trading in futures or options contracts or exchange-traded funds related to the Underlier (or the successor index), or in futures or (c) options contracts, if available, relating to securities then constituting 20 percent or more, by weight, of the Underlier (or the successor index) for more than two hours of trading or during the one-half hour period preceding the close of the principal trading session on such market,

in each case as determined by the calculation agent in its sole discretion; and

(ii) a determination by the calculation agent in its sole discretion that any event described in clause (i) above materially interfered with our ability or the ability of any of our affiliates to unwind or adjust all or a material portion of the hedge position with respect to the notes.

For the purpose of determining whether a market disruption event exists at any time, if trading in a security included in the Underlier is suspended, absent or materially limited at that time, then the relevant percentage contribution of that security to the value of the Underlier shall be based on a comparison of (x) the portion of the value of the Underlier attributable to that security relative to (y) the overall value of the Underlier, in each case immediately before that suspension or limitation.

For the purpose of determining whether a market disruption event has occurred: (1) a limitation on the hours or number of days of trading will not constitute a market disruption event if it results from an announced change in the regular business hours of the relevant exchange or market, (2) a decision to permanently discontinue trading in the relevant futures or options contract or exchange-traded fund will not constitute a market disruption event, (3) a suspension of trading in futures or options contracts or exchange-traded funds on the Underlier, or futures or options contracts, if available, relating to securities then constituting 20 percent or more, by weight, of the Underlier, by the primary securities market trading in such contracts or funds by reason of (a) a price change exceeding limits set by such securities exchange or market, (b) an imbalance of orders relating to such contracts or funds, or (c) a disparity in bid and ask quotes relating to such contracts or funds will constitute a suspension, absence or material limitation of trading in futures or options contracts or exchange-traded funds related to the Underlier and (4) a “suspension, absence or material limitation of trading” on any relevant exchange or on the primary market on which futures or options contracts or exchange-traded funds related to the Underlier are traded will not include any time when such securities market is itself closed for trading under ordinary circumstances.

Use of proceeds and hedging: The proceeds from the sale of the notes will be used by us for general corporate purposes. We will receive, in aggregate, \$1,000 per note issued. The costs of the notes borne by you and described on page 2 comprise the cost of issuing, structuring and hedging the notes.

On or prior to the Trade Date, we hedged our anticipated exposure in connection with the notes, by entering into hedging transactions with our affiliates and/or third party dealers. We expect our hedging counterparties to have taken positions in stocks of the Underlier and in futures and options contracts on the Underlier, and any component stocks of the Underlier listed on major securities markets. Such purchase activity could have increased the level of the Underlier on the Trade Date, and therefore could have increased the level at or above which the Underlier must close on the Determination Date so that investors do not suffer a loss on their initial investment in the notes. In addition, through our affiliates, we are likely to modify our hedge position throughout the term of the notes, including on the Determination Date, by purchasing and selling the stocks constituting the Underlier, futures or options contracts on the Underlier or its component stocks listed on major securities markets or positions in any other available securities or instruments that we may wish to use in connection with such hedging activities. As a result, these entities may be unwinding or adjusting hedge positions during the term of the notes, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the Determination Date approaches. We cannot give any assurance that our hedging activities will not affect the level of the Underlier, and, therefore, adversely affect the value of the notes or the payment you will

receive at maturity, if any. For further information on our use of proceeds and hedging, see “Use of Proceeds and Hedging” in the accompanying product supplement.

Benefit Plan Investor Considerations: Each fiduciary of a pension, profit-sharing or other employee benefit plan subject to Title I of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”) (a “Plan”), should consider the fiduciary standards of ERISA in the context of the Plan’s particular circumstances before authorizing an investment in the notes. Accordingly, among other factors, the fiduciary should consider whether the investment would satisfy the prudence and diversification requirements of ERISA and would be consistent with the documents and instruments governing the Plan.

In addition, we and certain of our affiliates, including MS & Co., may each be considered a “party in interest” within the meaning of ERISA, or a “disqualified person” within the meaning of the Internal Revenue Code of 1986, as amended (the “Code”), with respect to many Plans, as well as many individual retirement accounts and Keogh plans (such accounts and plans, together with other plans, accounts and arrangements subject to Section 4975 of the Code, also “Plans”). ERISA Section 406 and Code Section 4975 generally prohibit transactions between Plans and parties in interest or disqualified persons. Prohibited transactions within the meaning of ERISA or the Code would likely arise, for example, if the notes are acquired by or with the assets of a Plan with respect to which MS & Co. or any of its affiliates is a service provider or other party in interest, unless the notes are acquired pursuant to an exemption from the “prohibited transaction” rules. A violation of these “prohibited transaction” rules could result in an excise tax or other liabilities under ERISA and/or Section 4975 of the Code for those persons, unless exemptive relief is available under an applicable statutory or administrative exemption.

The U.S. Department of Labor has issued five prohibited transaction class exemptions (“PTCEs”) that may provide exemptive relief for direct or indirect prohibited transactions resulting from the purchase or holding of the notes. Those class exemptions are PTCE 96-23 (for certain transactions determined by in-house asset managers), PTCE 95-60 (for certain transactions involving insurance company general accounts), PTCE 91-38 (for certain transactions involving bank collective investment funds), PTCE 90-1 (for certain transactions involving insurance company separate accounts) and PTCE 84-14 (for certain transactions determined by independent qualified professional asset managers). In addition, ERISA Section 408(b)(17) and Section 4975(d)(20) of the Code provide an exemption for the purchase and sale of securities and the related lending transactions, provided that neither the Issuer of the notes nor any of its affiliates has or exercises any discretionary authority or control or renders any investment advice with respect to the assets of the Plan involved in the transaction and provided further that the Plan pays no more, and receives no less, than “adequate consideration” in connection with the transaction (the so-called “service provider” exemption). There can be no assurance that any of these class or statutory exemptions will be available with respect to transactions involving the notes.

Because we may be considered a party in interest with respect to many Plans, the notes may not be purchased, held or disposed of by any Plan, any entity whose underlying assets include “plan assets” by reason of any Plan’s investment in the entity (a “Plan Asset Entity”) or any person investing “plan assets” of any Plan, unless such purchase, holding or

disposition is eligible for exemptive relief, including relief available under PTCEs 96-23, 95-60, 91-38, 90-1, 84-14 or the service provider exemption or such purchase, holding or disposition is otherwise not prohibited. Any purchaser, including any fiduciary purchasing on behalf of a Plan, transferee or holder of the notes will be deemed to have represented, in its corporate and its fiduciary capacity, by its purchase and holding of the notes that either (a) it is not a Plan or a Plan Asset Entity and is not purchasing such notes on behalf of or with “plan assets” of any Plan or with any assets of a governmental, non-U.S. or church plan that is subject to any federal, state, local or non-U.S. law that is substantially similar to the provisions of Section 406 of ERISA or Section 4975 of the Code (“Similar Law”) or (b) its purchase, holding and disposition of these notes will not constitute or result in a non-exempt prohibited transaction under Section 406 of ERISA or Section 4975 of the Code or violate any Similar Law.

Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is particularly important that fiduciaries or other persons considering purchasing the notes on behalf of or with “plan assets” of any Plan consult with their counsel regarding the availability of exemptive relief.

The notes are contractual financial instruments. The financial exposure provided by the notes is not a substitute or proxy for, and is not intended as a substitute or proxy for, individualized investment management or advice for the benefit of any purchaser or holder of the notes. The notes have not been designed and will not be administered in a manner intended to reflect the individualized needs and objectives of any purchaser or holder of the notes.

Each purchaser or holder of any notes acknowledges and agrees that:

the purchaser or holder or its fiduciary has made and shall make all investment decisions for the purchaser or holder and the purchaser or holder has not relied and shall not rely in any way upon us or our affiliates to act as a fiduciary (i) or adviser of the purchaser or holder with respect to (A) the design and terms of the notes, (B) the purchaser or holder's investment in the notes, or (C) the exercise of or failure to exercise any rights we have under or with respect to the notes;

(ii) we and our affiliates have acted and will act solely for our own account in connection with (A) all transactions relating to the notes and (B) all hedging transactions in connection with our obligations under the notes;

(iii) any and all assets and positions relating to hedging transactions by us or our affiliates are assets and positions of those entities and are not assets and positions held for the benefit of the purchaser or holder;

(iv) our interests are adverse to the interests of the purchaser or holder; and

(v) neither we nor any of our affiliates is a fiduciary or adviser of the purchaser or holder in connection with any such assets, positions or transactions, and any information that we or any of our affiliates may provide is not intended to be impartial investment advice.

Each purchaser and holder of the notes has exclusive responsibility for ensuring that its purchase, holding and disposition of the notes do not violate the prohibited transaction rules of ERISA or the Code or any Similar Law. The sale of any notes to any Plan or plan subject to Similar Law is in no respect a representation by us or any of our affiliates or representatives that such an investment meets all relevant legal requirements with respect to investments by plans generally or any particular plan, or that such an investment is appropriate for plans generally or any particular plan. In this regard, neither this discussion nor anything provided in this pricing supplement is or is intended to be investment advice directed at any potential Plan purchaser or at Plan purchasers generally and such purchasers of these notes should consult and rely on their own counsel and advisers as to whether an investment in these notes is suitable.

However, individual retirement accounts, individual retirement annuities and Keogh plans, as well as employee benefit plans that permit participants to direct the investment of their accounts, will not be permitted to purchase or hold the notes if the account, plan or annuity is for the benefit of an employee of Morgan Stanley or Morgan Stanley Wealth Management or a family member and the employee receives any compensation (such as, for example, an addition to bonus) based on the purchase of the notes by the account, plan or annuity.

Additional considerations: Client accounts over which Morgan Stanley, Morgan Stanley Wealth Management or any of their respective subsidiaries have investment discretion are not permitted to purchase the notes, either directly or indirectly.

Supplemental information regarding plan of distribution; conflicts of interest: We have agreed to sell to MS & Co., and MS & Co. has agreed to purchase from us, the aggregate face amount of the offered notes specified on the cover of this pricing supplement. MS & Co. proposes initially to offer the notes to an unaffiliated securities dealer at the price to public set forth on the cover of this pricing supplement less a concession not in excess of 1.67% of the face amount. The price to public for notes purchased by certain fee-based advisory accounts is 98.33% of the face amount of the notes, which reduces the agent's commission specified on the cover of this pricing supplement with respect to such notes to 0.00%. MS & Co., the agent for this offering, is our affiliate. Because MS & Co. is both our affiliate and a member of the Financial Industry Regulatory Authority, Inc. ("FINRA"), the underwriting arrangements for this offering must comply with the requirements of FINRA Rule 5121 regarding a FINRA member firm's distribution of the securities of an affiliate and related conflicts of interest. In accordance with FINRA Rule 5121, MS & Co. may not make sales in offerings of the notes to any of its discretionary accounts without the prior written approval of the customer.

MS & Co. is an affiliate of MSFL and a wholly owned subsidiary of Morgan Stanley, and it and other affiliates of ours expect to make a profit by selling, structuring and, when applicable, hedging the notes.

MS & Co. will conduct this offering in compliance with the requirements of FINRA Rule 5121 of the Financial Industry Regulatory Authority, Inc., which is commonly referred to as FINRA, regarding a FINRA member firm's distribution of the notes of an affiliate and related conflicts of interest. MS & Co. or any of our other affiliates may not make sales in this offering to any discretionary account. See "Plan of Distribution (Conflicts of Interest)" and "Use of Proceeds and Hedging" in the accompanying product supplement.

Settlement: We expect to deliver the notes against payment for the notes on the Original Issue Date, which will be the fifth scheduled Business Day following the Trade Date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended, trades in the secondary market generally are required to settle in two Business Days, unless the parties to a trade expressly agree otherwise. Accordingly, if the Original Issue Date is more than two Business Days after the Trade Date, purchasers who wish to transact in the notes more than two Business Days prior to the Original Issue Date will be required to specify alternative settlement arrangements to prevent a failed settlement.

Trustee: The Bank of New York Mellon

Calculation Agent: MS & Co.

CUSIP no.: 61768DPR0

ISIN: US61768DPR07

HYPOTHETICAL EXAMPLES

The following table and chart are provided for purposes of illustration only. They should not be taken as an indication or prediction of future investment results and are intended merely to illustrate the impact that the various hypothetical Closing Levels of the Underlier on the Determination Date could have on the Cash Settlement Amount.

The examples below are based on a range of Final Underlier Levels that are entirely hypothetical; no one can predict what the level of the Underlier will be on any day during the term of the notes, and no one can predict what the Final Underlier Level will be on the Determination Date. The Underlier has at times experienced periods of high volatility — meaning that the level of the Underlier has changed considerably in relatively short periods — and its performance cannot be predicted for any future period.

The information in the following examples reflects hypothetical rates of return on the notes assuming that they are purchased on the Original Issue Date at the Face Amount and held to the Stated Maturity Date. The value of the notes at any time after the Trade Date will vary based on many economic and market factors, including interest rates, the volatility of the Underlier, our creditworthiness and changes in market conditions, and cannot be predicted with accuracy. Any sale prior to the Stated Maturity Date could result in a substantial loss to you.

Key Terms and Assumptions

Face Amount:	\$1,000
Upside Participation Rate:	300.00%
Cap Level:	106.450% of the Initial Underlier Level
Maximum Settlement Amount:	\$1,193.50 per \$1,000 Face Amount of notes (119.350% of the Face Amount)
Minimum Cash Settlement Amount:	None

- *Neither a market disruption event nor a non-Trading Day occurs on the Determination Date.*

- *No discontinuation of the Underlier or alteration of the method by which the Underlier is calculated.*

- *Notes purchased on the Original Issue Date at the Face Amount and held to the Stated Maturity Date.*

The actual performance of the Underlier over the term of the notes, as well as the Cash Settlement Amount, if any, may bear little relation to the hypothetical examples shown below or to the historical levels of the Underlier shown elsewhere in this document. For information about the historical levels of the Underlier during recent periods, see “The Underlier” below.

The levels in the left column of the table below represent hypothetical Final Underlier Levels and are expressed as percentages of the Initial Underlier Level. The amounts in the right column represent the hypothetical Cash Settlement Amount, based on the corresponding hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level), and are expressed as percentages of the Face Amount of notes (rounded to the nearest one-thousandth of a percent). Thus, a hypothetical Cash Settlement Amount of 100% means that the value of the cash payment that we would deliver for each \$1,000 Face Amount of notes on the Stated Maturity Date would equal 100% of the Face Amount of notes, based on the corresponding hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) and the assumptions noted above. The numbers appearing in the table and chart below may have been rounded for ease of analysis.

Hypothetical Final Underlier Level (as Percentage of Initial Underlier Level)	Hypothetical Cash Settlement Amount (as Percentage of Face Amount)
200.000%	119.350%
175.000%	119.350%
150.000%	119.350%
125.000%	119.350%
120.000%	119.350%
115.000%	119.350%
110.000%	119.350%
106.450%	119.350%
104.000%	112.000%
103.000%	109.000%
101.000%	103.000%
100.000%	100.000%
90.000%	90.000%
75.000%	75.000%
50.000%	50.000%
25.000%	25.000%
0.000%	0.000%

If, for example, the Final Underlier Level were determined to be 25.000% of the Initial Underlier Level, the Cash Settlement Amount would be 25.000% of the Face Amount of notes, as shown in the table above. As a result, if you purchased your notes on the Original Issue Date at the Face Amount and held them to the Stated Maturity Date, you would lose 75.000% of your investment. If you purchased your notes at a premium to the Face Amount, you would lose a correspondingly higher percentage of your investment.

If the Final Underlier Level were determined to be 175.000% of the Initial Underlier Level, the Cash Settlement Amount would be capped at the Maximum Settlement Amount (expressed as a percentage of the Face Amount), or 119.350% of each \$1,000 Face Amount of notes, as shown in the table above. As a result, if you purchased the notes on the Original Issue Date at the Face Amount and held them to the Stated Maturity Date, you would not benefit from any increase in the Final Underlier Level above the Cap Level of 106.450% of the Initial Underlier Level.

Payoff Diagram

The following chart shows a graphical illustration of the hypothetical Cash Settlement Amount (expressed as a percentage of the Face Amount of notes), if the Final Underlier Level (expressed as a percentage of the Initial Underlier Level) were any of the hypothetical levels shown on the horizontal axis. The chart shows that any hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) of less than 100% (the section left of the 100% marker on the horizontal axis) would result in a hypothetical Cash Settlement Amount of less than 100% of the Face Amount of notes (the section below the 100% marker on the vertical axis), and, accordingly, in a loss of principal to the holder of the notes. The chart also shows that any hypothetical Final Underlier Level (expressed as a percentage of the Initial Underlier Level) of greater than 106.450% (the section right of the Cap Level of 106.450% marker on the horizontal axis) would result in a capped return on your investment and a Cash Settlement Amount equal to the Maximum Settlement Amount.

Hypothetical Payoff Diagram

RISK FACTORS

The following is a non-exhaustive list of certain key risk factors for investors in the notes. For further discussion of these and other risks, you should read the section entitled “Risk Factors” in the accompanying product supplement and prospectus. We also urge you to consult your investment, legal, tax, accounting and other advisers in connection with your investment in the notes.

The Notes Do Not Pay Interest Or Guarantee The Return Of Any Of Your Principal

The terms of the notes differ from those of ordinary debt securities in that the notes do not pay interest and do not guarantee any return of principal at maturity. If the Final Underlier Level is less than the Initial Underlier Level, you will receive for each note that you hold a Cash Settlement Amount that is less than the Face Amount of each note by an amount proportionate to the full decline in the level of the Underlier over the term of the notes. As there is no minimum Cash Settlement Amount on the notes, you could lose your entire initial investment.

Also, the market price of your notes prior to the Stated Maturity Date may be significantly lower than the purchase price you pay for your notes. Consequently, if you sell your notes before the Stated Maturity Date, you may receive significantly less than the amount of your investment in the notes.

The Appreciation Potential Of The Notes Is Limited By The Maximum Settlement Amount

The appreciation potential of the notes is limited by the Maximum Settlement Amount of \$1,193.50 per note, or 119.35% of the Face Amount. Although the Upside Participation Rate provides 300% exposure to any increase in the Final Underlier Level over the Initial Underlier Level, because the Cash Settlement Amount will be limited to 119.35% of the Face Amount for the notes, any increase in the Final Underlier Level over the Initial Underlier Level by more than 6.45% of the Initial Underlier Level will not further increase the return on the notes.

If You Purchase Your Notes At A Premium To The Face Amount, The Return On Your Investment Will Be Lower Than The Return On Notes Purchased At The Face Amount, And The Impact Of Certain Key Terms Of The Notes Will Be Negatively Affected

The Cash Settlement Amount will not be adjusted based on the issue price you pay for the notes. If you purchase notes at a price that differs from the Face Amount of notes, then the return on your investment in such notes held to the Stated Maturity Date will differ from, and may be substantially less than, the return on notes purchased at the Face Amount. If you purchase your notes at a premium to the Face Amount and hold them to the Stated Maturity Date, the return on your investment in the notes will be lower than it would have been had you purchased the notes at the Face Amount or at a discount to the Face Amount. In addition, the impact of the Cap Level on the return on your investment will depend upon the price you pay for your notes relative to the Face Amount. For example, if you purchase your notes at a premium to the Face Amount, the Cap Level will reduce your potential percentage return on the notes to a greater extent than would have been the case for notes purchased at the Face Amount or at a discount to the Face Amount.

The Underlier Reflects The Price Return Of The Stocks Composing The Underlier, Not A Total Return

The return on the notes is based on the performance of the Underlier, which reflects the changes in the market prices of the stocks composing the Underlier. It is not, however, linked to a “total return” version of the Underlier, which, in addition to reflecting those price returns, would also reflect all dividends and other distributions paid on the stocks composing the Underlier. The return on the notes will not include such a total return feature.

The Market Price Will Be Influenced By Many Unpredictable Factors

Several factors, many of which are beyond our control, will influence the value of the notes in the secondary market and the price at which MS & Co. may be willing to purchase or sell the notes in the secondary market, including: the level of the Underlier, volatility (frequency and magnitude of changes in

value) of the Underlier and dividend yield of the Underlier, interest and yield rates, time remaining to maturity, geopolitical conditions and economic, financial, political and regulatory or judicial events that affect the Underlier or equities markets generally and which may affect the Final Underlier Level of the Underlier and any actual or anticipated changes in our credit ratings or credit spreads. The level of the Underlier may be, and has been, volatile, and we can give you no assurance that the volatility will lessen. See “The Underlier” below. You may receive less, and possibly significantly less, than the Face Amount per note if you try to sell your notes prior to maturity.

The Notes Are Subject To Our Credit Risk, And Any Actual Or Anticipated Changes To Our Credit Ratings Or Credit Spreads May Adversely Affect The Market Value Of The Notes

You are dependent on our ability to pay all amounts due on the notes at maturity, and therefore you are subject to our credit risk. If we default on our obligations under the notes, your investment would be at risk and you could lose some or all of your investment. As a result, the market value of the notes prior to maturity will be affected by changes in the market’s view of our creditworthiness. Any actual or anticipated 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 market value of the notes.

As A Finance Subsidiary, MSFL Has No Independent Operations And Will Have No Independent Assets

As a finance subsidiary, MSFL has no independent operations beyond the issuance and administration of its securities and will have no independent assets available for distributions to holders of the notes if they make claims in respect of such notes in a bankruptcy, resolution or similar proceeding. Accordingly, any recoveries by such holders will be limited to those available under the related guarantee by Morgan Stanley and that guarantee will rank *pari passu* with all other unsecured, unsubordinated obligations of Morgan Stanley. Holders will have recourse only to a single claim against Morgan Stanley and its assets under the guarantee. Holders of the notes should accordingly assume that in any such proceedings they could not have any priority over and should be treated *pari passu* with the claims of other unsecured, unsubordinated creditors of Morgan Stanley, including holders of Morgan Stanley-issued securities.

The Amount Payable On The Notes Is Not Linked To The Level Of The Underlier At Any Time Other Than The Determination Date

The Final Underlier Level will be based on the Closing Level on the Determination Date, subject to adjustment for non-Trading Days and certain market disruption events. Even if the level of the Underlier appreciates prior to the Determination Date but then drops by the Determination Date, the Cash Settlement Amount may be less, and may be significantly less, than it would have been had the Cash Settlement Amount been linked to the level of the Underlier prior to such drop. Although the actual level of the Underlier on the Stated Maturity Date or at other times during the

term of the notes may be higher than the Final Underlier Level, the Cash Settlement Amount will be based solely on the Closing Level on the Determination Date.

Investing In The Notes Is Not Equivalent To Investing In The Underlier

Investing in the notes is not equivalent to investing in the Underlier or its component stocks. Investors in the notes will not have voting rights or rights to receive dividends or other distributions or any other rights with respect to stocks that constitute the Underlier.

Adjustments To The Underlier Could Adversely Affect The Value Of The Notes

The publisher of the Underlier may add, delete or substitute the stocks constituting the Underlier or make other methodological changes that could change the level of the Underlier. The publisher of the Underlier may discontinue or suspend calculation or publication of the Underlier at any time. In these circumstances, the calculation agent will have the sole discretion to substitute a successor index that is comparable to the discontinued Underlier and is permitted to consider indices that are calculated and published by the calculation agent or any of its affiliates. If the calculation agent determines that there is no appropriate successor index, the Cash Settlement Amount on the notes will be an amount based on the closing prices at maturity of the securities composing the Underlier at the time of such discontinuance, without rebalancing or substitution, computed by the calculation agent in accordance with the formula for calculating the Underlier last in effect prior to discontinuance of the Underlier.

The Rate We Are Willing To Pay For Securities Of This Type, Maturity And Issuance Size Is Likely To Be Lower Than The Rate Implied By Our Secondary Market Credit Spreads And Advantageous To Us. Both The Lower Rate And The Inclusion Of Costs Associated With Issuing, Selling, Structuring And Hedging The Notes In The Original Issue Price Reduce The Economic Terms Of The Notes, Cause The Estimated Value Of The Notes To Be Less Than The Original Issue Price And Will Adversely Affect Secondary Market Prices

Assuming no change in market conditions or any other relevant factors, the prices, if any, at which dealers, including MS & Co., may be willing to purchase the notes in secondary market transactions will likely be significantly lower than the Original Issue Price, because secondary market prices will exclude the issuing, selling, structuring and hedging-related costs that are included in the Original Issue Price and borne by you and because the secondary market prices will reflect our secondary market credit spreads and the bid-offer spread that any dealer would charge in a secondary market transaction of this type as well as other factors.

The inclusion of the costs of issuing, selling, structuring and hedging the notes in the Original Issue Price and the lower rate we are willing to pay as issuer make the economic terms of the notes less favorable to you than they otherwise would be.

However, because the costs associated with issuing, selling, structuring and hedging the notes are not fully deducted upon issuance, for a period of up to 3 months following the issue date, to the extent that MS & Co. may buy or sell the notes in the secondary market, absent changes in market conditions, including those related to the Underlier, and to our secondary market credit spreads, it would do so based on values higher than the estimated value, and we expect that those higher values will also be reflected in your brokerage account statements.

The Estimated Value Of The Notes Is Determined By Reference To Our Pricing And Valuation Models, Which May Differ From Those Of Other Dealers And Is Not A Maximum Or Minimum Secondary Market Price

These pricing and valuation models are proprietary and rely in part on subjective views of certain market inputs and certain assumptions about future events, which may prove to be incorrect. As a result, because there is no market-standard way to value these types of securities, our models may yield a higher estimated value of the notes than those generated by others, including other dealers in the market, if they attempted to value the notes. In addition, the estimated value on the Trade Date does not represent a minimum or maximum price at which dealers, including MS & Co., would be willing to purchase your notes in the secondary market (if any exists) at any time. The value of your notes at any time after the date hereof will vary based on many factors that cannot be predicted with accuracy, including our creditworthiness and changes in market conditions. See also “The Market Price Will Be Influenced By Many Unpredictable Factors” above.

The Notes Will Not Be Listed On Any Securities Exchange And Secondary Trading May Be Limited

The notes will not be listed on any securities exchange. Therefore, there may be little or no secondary market for the notes. MS & Co. may, but is not obligated to, make a market in the notes and, if it once chooses to make a market, may cease doing so at any time. When it does make a market, it will generally do so for transactions of routine secondary market size at prices based on its estimate of the current value of the notes, taking into account its bid/offer spread, our credit spreads, market volatility, the notional size of the proposed sale, the cost of unwinding any related hedging positions, the time remaining to maturity and the likelihood that it will be able to resell the notes. Even if there is a secondary market, it may not provide enough liquidity to allow you to trade or sell the notes easily. Since other broker-dealers may not participate significantly in the secondary market for the notes, the price at which you may be able to trade your notes is likely to depend on the price, if any, at which MS & Co. is willing to transact. If, at any time, MS & Co. were to cease making a market in the notes, it is likely that there would be no secondary market for the notes. Accordingly, you should be willing to hold your notes to maturity.

The Calculation Agent, Which Is A Subsidiary Of Morgan Stanley And An Affiliate Of MSFL, Will Make Determinations With Respect To The Notes

As calculation agent, MS & Co. has determined the Initial Underlier Level, will determine the Final Underlier Level and will calculate the Cash Settlement Amount you receive at maturity, if any. Moreover,

certain determinations made by MS & Co. in its capacity as calculation agent, may require it to exercise discretion and make subjective judgments, such as with respect to the occurrence or non-occurrence of market disruption events and the selection of a successor index or calculation of the Final Underlier Level in the event of a market disruption event or discontinuance of the Underlier. These potentially subjective determinations may adversely affect the Cash Settlement Amount at maturity, if any. For further information regarding these types of determinations, see “Description of PLUS—Postponement of Valuation Date(s)” and “—Calculation Agent and Calculations” in the accompanying product supplement. In addition, MS & Co. has determined the estimated value of the notes on the Trade Date.

Hedging And Trading Activity By Our Affiliates Could Potentially Adversely Affect The Value Of The Notes

One or more of our affiliates and/or third-party dealers have carried out, and will continue to carry out, hedging activities related to the notes, including trading in the stocks that constitute the Underlier as well as in other instruments related to the Underlier. As a result, these entities may be unwinding or adjusting hedge positions during the term of the notes, and the hedging strategy may involve greater and more frequent dynamic adjustments to the hedge as the Determination Date approaches. Some of our affiliates also trade the stocks that constitute the Underlier and other financial instruments related to the Underlier on a regular basis as part of their general broker-dealer and other businesses. Any of these hedging or trading activities on or prior to the Trade Date could have increased the Initial Underlier Level, and, therefore, could have increased the level at or above which the Underlier must close on the Determination Date so that investors do not suffer a loss on their initial investment in the notes. Additionally, such hedging or trading activities during the term of the notes, including on the Determination Date, could adversely affect the level of the Underlier on the Determination Date, and, accordingly, the Cash Settlement Amount an investor will receive at maturity, if any. Furthermore, if the dealer from which you purchase notes is to conduct trading and hedging activities for us in connection with the notes, that dealer may profit in connection with such trading and hedging activities and such profit, if any, will be in addition to the compensation that the dealer receives for the sale of the notes to you. You should be aware that the potential to earn a profit in connection with hedging activities may create a further incentive for the dealer to sell the notes to you, in addition to the compensation they would receive for the sale of the notes.

We May Sell An Additional Aggregate Face Amount Of Notes At A Different Issue Price

At our sole option, we may decide to sell an additional aggregate Face Amount of notes subsequent to the date hereof. The issue price of the notes in the subsequent sale may differ substantially (higher or lower) from the issue price you paid as provided on the cover of this document.

Past Performance is No Guide to Future Performance

The actual performance of the Underlier over the term of the notes, as well as the amount payable at maturity, may bear little relation to the historical Closing Levels of the Underlier or to the hypothetical return examples set forth herein. We cannot predict the future performance of the Underlier.

The U.S. Federal Income Tax Consequences Of An Investment In The Notes Are Uncertain

Please read the discussion under “Tax Considerations” in this document and the discussion under “United States Federal Taxation” in the accompanying product supplement (together, the “Tax Disclosure Sections”) concerning the U.S. federal income tax consequences of an investment in the notes. If the Internal Revenue Service (the “IRS”) were successful in asserting an alternative treatment, the timing and character of income on the notes might differ significantly from the tax treatment described in the Tax Disclosure Sections. For example, under one possible treatment, the IRS could seek to recharacterize the notes as debt instruments. In that event, U.S. Holders would be required to accrue into income original issue discount on the notes every year at a “comparable yield” determined at the time of issuance and recognize all income and gain in respect of the notes as ordinary income. Additionally, as discussed under “United States Federal Taxation—FATCA” in the accompanying product supplement, the withholding rules commonly referred to as “FATCA” would apply to the notes if they were recharacterized as debt instruments. We do not plan to request a ruling from the IRS regarding the tax treatment of the

notes, and the IRS or a court may not agree with the tax treatment described in the Tax Disclosure Sections.

In 2007, the U.S. Treasury Department and the IRS released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. The notice focuses in particular on whether to require holders of these instruments to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; whether short-term instruments should be subject to any such accrual regime; the relevance of factors such as the exchange-traded status of the instruments and the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. investors should be subject to withholding tax; and whether these instruments are or should be subject to the “constructive ownership” rule, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose an interest charge. While the notice requests comments on appropriate transition rules and effective dates, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the notes, possibly with retroactive effect. Both U.S. and Non-U.S. Holders should consult their tax advisers regarding the U.S. federal income tax consequences of an investment in the notes, including possible alternative treatments, the issues presented by this notice and any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

THE UNDERLIER

The S&P 500[®] Index, which is calculated, maintained and published by S&P Dow Jones Indices LLC (“S&P”), consists of stocks of 500 component companies selected to provide a performance benchmark for the U.S. equity markets. The calculation of the S&P 500[®] Index is based on the relative value of the float adjusted aggregate market capitalization of the 500 component companies as of a particular time as compared to the aggregate average market capitalization of 500 similar companies during the base period of the years 1941 through 1943. For additional information about the S&P 500[®] Index, see the information set forth under “S&P 500[®] Index” in the accompanying index supplement.

In addition, information about the Underlier may be obtained from other sources including, but not limited to, the Underlier Publisher’s website (including information regarding (i) the Underlier’s top ten constituents and (ii) the Underlier’s sector weightings). We are not incorporating by reference into this document the website or any material it includes. Neither the issuer nor the agent makes any representation that such publicly available information regarding the Underlier is accurate or complete.

Information as of market close on November 5, 2018:

Bloomberg Ticker Symbol:	SPX
Current Index Value:	2,738.31
52 Weeks Ago:	2,591.13
52 Week High (on 9/20/2018):	2,930.75
52 Week Low (on 11/15/2017):	2,564.62

The following graph sets forth the daily Closing Levels of the Underlier for each quarter in the period from January 1, 2013 through November 5, 2018. The Closing Level of the Underlier on November 5, 2018 was 2,738.31. We obtained the information in the graph below from Bloomberg Financial Markets without independent verification. The Underlier has at times experienced periods of high volatility. The actual performance of the Underlier over the term of the notes, as well as the amount payable at maturity, may bear little relation to the historical Closing Levels of the Underlier or to the hypothetical return examples set forth herein. We cannot predict the future performance of the Underlier. You should not take the historical levels of the Underlier as an indication of its future performance, and no assurance can be given as to the Closing Level of the Underlier on the Determination Date.

S&P 500[®] Index

Daily Index Closing Values

January 1, 2013 to November 5, 2018

“Standard & Poor[®],” “S&P,” “S&P 500” “Standard & Poor’s 500” and “500” are trademarks of Standard and Poor’s Financial Services LLC. See “S&P 500[®] Index” in the accompanying index supplement.

TAX CONSIDERATIONS

Although there is uncertainty regarding the U.S. federal income tax consequences of an investment in the notes due to the lack of governing authority, in the opinion of our counsel, Davis Polk & Wardwell LLP, under current law, and based on current market conditions, a note should be treated as a single financial contract that is an “open transaction” for U.S. federal income tax purposes.

Assuming this treatment of the notes is respected and subject to the discussion in “United States Federal Taxation” in the accompanying product supplement, the following U.S. federal income tax consequences should result based on current law:

§ A U.S. Holder should not be required to recognize taxable income over the term of the notes prior to settlement, other than pursuant to a sale or exchange.

§ Upon sale, exchange or settlement of the notes, a U.S. Holder should recognize gain or loss equal to the difference between the amount realized and the U.S. Holder’s tax basis in the notes. Such gain or loss should be long-term capital gain or loss if the investor has held the notes for more than one year, and short-term capital gain or loss otherwise.

In 2007, the U.S. Treasury Department and the Internal Revenue Service (the “IRS”) released a notice requesting comments on the U.S. federal income tax treatment of “prepaid forward contracts” and similar instruments. The notice focuses in particular on whether to require holders of these instruments to accrue income over the term of their investment. It also asks for comments on a number of related topics, including the character of income or loss with respect to these instruments; whether short-term instruments should be subject to any such accrual regime; the relevance of factors such as the exchange-traded status of the instruments and the nature of the underlying property to which the instruments are linked; the degree, if any, to which income (including any mandated accruals) realized by non-U.S. investors should be subject to withholding tax; and whether these instruments are or should be subject to the “constructive ownership” rule, which very generally can operate to recharacterize certain long-term capital gain as ordinary income and impose an interest charge. While the notice requests comments on appropriate transition rules and effective dates, any Treasury regulations or other guidance promulgated after consideration of these issues could materially and adversely affect the tax consequences of an investment in the notes, possibly with retroactive effect.

As discussed in the accompanying product supplement, Section 871(m) of the Internal Revenue Code of 1986, as amended, and Treasury regulations promulgated thereunder (“Section 871(m)”) generally impose a 30% (or a lower applicable treaty rate) withholding tax on dividend equivalents paid or deemed paid to Non-U.S. Holders with respect to certain financial instruments linked to U.S. equities or indices that include U.S. equities (each, an “Underlying Security”). Subject to certain exceptions, Section 871(m) generally applies to securities that substantially replicate the

economic performance of one or more Underlying Securities, as determined based on tests set forth in the applicable Treasury regulations (a “Specified Security”). However, pursuant to an IRS notice, Section 871(m) will not apply to securities issued before January 1, 2021 that do not have a delta of one with respect to any Underlying Security. Based on our determination that the notes do not have a delta of one with respect to any Underlying Security, our counsel is of the opinion that the notes should not be Specified Securities and, therefore, should not be subject to Section 871(m).

Our determination is not binding on the IRS, and the IRS may disagree with this determination. Section 871(m) is complex and its application may depend on your particular circumstances, including whether you enter into other transactions with respect to an Underlying Security. If withholding is required, we will not be required to pay any additional amounts with respect to the amounts so withheld. You should consult your tax adviser regarding the potential application of Section 871(m) to the notes.

Both U.S. and non-U.S. investors considering an investment in the notes should read the discussion under “Risk Factors” in this document and the discussion under “United States Federal Taxation” in the accompanying product supplement and consult their tax advisers regarding all aspects of the U.S. federal income tax consequences of an investment in the notes, including possible alternative treatments, the issues presented by the aforementioned notice and any tax consequences arising under the laws of any state, local or non-U.S. taxing jurisdiction.

The discussion in the preceding paragraphs under “Tax considerations” and the discussion contained in the section entitled “United States Federal Taxation” in the accompanying product supplement, insofar as they purport to describe provisions of U.S. federal income tax laws or legal conclusions with respect thereto, constitute the full opinion of Davis Polk & Wardwell LLP regarding the material U.S. federal tax consequences of an investment in the notes.

CONTACT

Morgan Stanley clients may contact their local Morgan Stanley branch office or our principal executive offices at 1585 Broadway, New York, New York 10036 (telephone number (866) 477-4776). All other clients may contact their local brokerage representative. Third-party distributors may contact Morgan Stanley Structured Investment Sales at (800) 233-1087.

WHERE YOU CAN FIND MORE INFORMATION

MSFL and Morgan Stanley have filed a registration statement (including a prospectus, as supplemented by the product supplement and the index supplement) with the Securities and Exchange Commission, or SEC, for the offering to which this communication relates. You should read the prospectus in that registration statement, the product supplement, the index supplement and any other documents relating to this offering that MSFL and Morgan Stanley have filed with the SEC for more complete information about MSFL, Morgan Stanley and this offering. You may get these documents without cost by visiting EDGAR on the SEC web site at www.sec.gov. Alternatively, MSFL and/or Morgan Stanley will arrange to send you the product supplement, index supplement and prospectus if you so request by calling toll-free 800-584-6837.

You may access these documents on the SEC web site at www.sec.gov as follows:

[Prospectus dated November 16, 2017](#)

[Product Supplement dated November 16, 2017](#)

[Index Supplement dated November 16, 2017](#)

Explanation of Responses:

Terms used but not defined in this document are defined in the product supplement, in the index supplement or in the prospectus.

VALIDITY OF THE NOTES

In the opinion of Davis Polk & Wardwell LLP, as special counsel to MSFL and Morgan Stanley, when the notes offered by this pricing supplement have been executed and issued by MSFL, authenticated by the trustee pursuant to the MSFL Senior Debt Indenture (as defined in the accompanying prospectus) and delivered against payment as contemplated herein, such notes will be valid and binding obligations of MSFL and the related guarantee will be a valid and binding obligation of Morgan Stanley, enforceable in accordance with their terms, 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), *provided* that such counsel expresses no opinion as to (i) the effect of fraudulent conveyance, fraudulent transfer or similar provision of applicable law on the conclusions expressed above and (ii) any provision of the MSFL Senior Debt Indenture that purports to avoid the effect of fraudulent conveyance, fraudulent transfer or similar provision of applicable law by limiting the amount of Morgan Stanley's obligation under the related guarantee. This opinion is given as of the date hereof and is limited to the laws of the State of New York, the General Corporation Law of the State of Delaware and the Delaware Limited Liability Company Act. In addition, this opinion is subject to customary assumptions about the trustee's authorization, execution and delivery of the MSFL Senior Debt Indenture and its authentication of the notes and the validity, binding nature and enforceability of the MSFL Senior Debt Indenture with respect to the trustee, all as stated in the letter of such counsel dated November 16, 2017, which is Exhibit 5-a to the Registration Statement on Form S-3 filed by Morgan Stanley on November 16, 2017.