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

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**FORM 8-K**

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**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported):  
November 30, 2021**

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**The Goldman Sachs Group, Inc.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**No. 001-14965**  
(Commission  
File Number)

**No. 13-4019460**  
(IRS Employer  
Identification No.)

**200 West Street, New York, N.Y.**  
(Address of principal executive offices)

**10282**  
(Zip Code)

**Registrant's telephone number, including area code: (212) 902-1000**

N/A  
(Former name or former address, if changed since last report.)

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Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

Title of each class	Trading Symbol	Exchange on which registered
Common stock, par value \$.01 per share	GS	NYSE
Depository Shares, Each Representing 1/1,000th Interest in a Share of Floating Rate Non-Cumulative Preferred Stock, Series A	GS PrA	NYSE
Depository Shares, Each Representing 1/1,000th Interest in a Share of Floating Rate Non-Cumulative Preferred Stock, Series C	GS PrC	NYSE

<b>Depository Shares, Each Representing 1/1,000th Interest in a Share of Floating Rate Non-Cumulative Preferred Stock, Series D</b>	<b>GS PrD</b>	<b>NYSE</b>
<b>Depository Shares, Each Representing 1/1,000th Interest in a Share of 5.50% Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series J</b>	<b>GS PrJ</b>	<b>NYSE</b>
<b>Depository Shares, Each Representing 1/1,000th Interest in a Share of 6.375% Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K</b>	<b>GS PrK</b>	<b>NYSE</b>
<b>5.793% Fixed-to-Floating Rate Normal Automatic Preferred Enhanced Capital Securities of Goldman Sachs Capital II</b>	<b>GS/43PE</b>	<b>NYSE</b>
<b>Floating Rate Normal Automatic Preferred Enhanced Capital Securities of Goldman Sachs Capital III</b>	<b>GS/43PF</b>	<b>NYSE</b>
<b>Medium-Term Notes, Series F, Callable Fixed and Floating Rate Notes due 2031 of GS Finance Corp.</b>	<b>GS/31B</b>	<b>NYSE</b>
<b>Medium-Term Notes, Series E, Index-Linked Notes due 2028 of GS Finance Corp.</b>	<b>FRLG</b>	<b>NYSE Arca</b>

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 under the Securities Act (17 CFR 230.405) or Rule 12b-2 under the Exchange Act (17 CFR 240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**Item 9.01 Financial Statements and Exhibits.**

Exhibits are filed herewith in connection with the issuance of the following debt securities by The Goldman Sachs Group, Inc. (the “Company”) on November 30, 2021 pursuant to the Company’s shelf registration statement on Form S-3 (File No. 333-253421) (as amended, the “Registration Statement”):

- CAD1,000,000,000 2.599% Fixed/Floating Rate Notes due 2027

**(d) Exhibits**

The following exhibits are filed as part of this Current Report on Form 8-K and Exhibits 4.1, 5.1 and 23.1 are incorporated by reference into the Registration Statement as exhibits thereto:

- 4.1 [Form of Fixed/Floating Rate Notes due 2027.](#)
- 5.1 [Opinion of Sullivan & Cromwell LLP relating to the issuance.](#)
- 23.1 [Consent of Sullivan & Cromwell LLP \(included as part of Exhibit 5.1\).](#)
- 101 Pursuant to Rule 406 of Regulation S-T, the cover page information is formatted in iXBRL (Inline eXtensible Business Reporting Language).
- 104 Cover Page Interactive Data File (formatted in iXBRL in Exhibit 101).

**SIGNATURE**

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

THE GOLDMAN SACHS GROUP, INC.  
(Registrant)

Date: November 30, 2021

By: /s/ Matthew E. Tropp  
Name: Matthew E. Tropp  
Title: Assistant Secretary

[Form of Fixed/Floating Rate Notes due 2027]

Registered No. 1

CUSIP No. 38141GZC1  
ISIN No. CA38141GZC19

(Face of Security)

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE AS DEFINED HEREIN ON THE REVERSE OF THIS SECURITY AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF CDS CLEARING AND DEPOSITORY SERVICES INC. ("CDS") TO THE GOLDMAN SACHS GROUP, INC. OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IN RESPECT THEREOF IS REGISTERED IN THE NAME OF CDS & CO., OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF CDS (AND ANY PAYMENT IS MADE TO CDS & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF CDS), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL SINCE THE REGISTERED HOLDER HEREOF, CDS & CO., HAS A PROPERTY INTEREST IN THE SECURITIES REPRESENTED BY THIS CERTIFICATE HEREIN AND IT IS A VIOLATION OF ITS RIGHTS FOR ANOTHER PERSON TO HOLD, TRANSFER OR DEAL WITH THIS CERTIFICATE.

UNLESS PERMITTED UNDER SECURITIES LEGISLATION, A HOLDER OF THIS SECURITY MUST NOT TRADE THE SECURITY BEFORE THE DATE THAT IS FOUR (4) MONTHS AND A DAY AFTER THE LATER OF (I) NOVEMBER 30, 2021, AND (II) THE DATE THE GOLDMAN SACHS GROUP, INC. BECAME A REPORTING ISSUER IN ANY PROVINCE OR TERRITORY OF CANADA.

THIS SECURITY IS NOT A BANK DEPOSIT AND IS NOT INSURED BY THE FEDERAL DEPOSIT INSURANCE CORPORATION OR ANY OTHER GOVERNMENTAL AGENCY, NOR IS IT AN OBLIGATION OF, OR GUARANTEED BY, A BANK.

(Face of Security continued on next page)

THE GOLDMAN SACHS GROUP, INC.

2.599% Fixed/Floating Rate Notes due 2027

The Goldman Sachs Group, Inc., a corporation duly organized and existing under the laws of the State of Delaware (herein called the “Company”, which term includes any successor Person under the Indenture as defined on the reverse of this Security), for value received, hereby promises to pay to CDS & CO., or registered assigns, the principal sum of One Billion Canadian Dollars (CAD1,000,000,000) on November 30, 2027. The Company further promises to pay interest on said principal sum as follows:

**Prior to November 30, 2026.** The Company will pay interest on the principal sum hereof at the rate of 2.599% *per annum* from and including November 30, 2021 (or from the most recent Interest Payment Date prior to November 30, 2026 to which interest has been paid or duly provided for) to but excluding November 30, 2026 (or, if the Maturity of the principal hereof occurs prior to such date, until the earlier of such date or the date the principal is paid or made available for payment), payable semi-annually. Such interest will be payable in arrears on May 30 and November 30 of each year, commencing on May 30, 2022 to, and including, November 30, 2026 (each an “Interest Payment Date”), and at any Maturity of the principal hereof prior to such date.

**On and after November 30, 2026.** The Company will pay interest on the principal sum hereof at a floating rate *per annum* of 0.601% above CDOR, determined in accordance with the provisions below and reset effective each Interest Reset Date, from and including November 30, 2026 (or from the most recent Interest Payment Date thereafter to which interest has been paid or duly provided for) until the principal hereof is paid or made available for payment. Such interest will be payable quarterly in arrears on February 28, May 30, August 30 and November 30 in each year, commencing on February 28, 2027 (each an “Interest Payment Date”), and at the Maturity of the principal hereof on or after November 30, 2026.

Any installment of interest that is overdue shall also bear interest at the same rate in effect during the Interest Period ending on the day prior to the due date of such installment of interest (to the extent that the payment of such interest shall be legally enforceable), from the date any such overdue installment first becomes due until it is paid or made available for payment. Notwithstanding the foregoing, interest on any installment of interest that is overdue shall be payable on demand, subject to the provisions in the Indenture.

(Face of Security continued on next page)

Interest on this Security payable, for a full interest period, on an Interest Payment Date on or before November 30, 2026 shall be computed on the basis of a 360-day year of twelve 30-day months and the amount of interest payable, for any period less than a full semi-annual period, on or before November 30, 2026 shall be computed on an Actual/365 (Fixed) basis, meaning a 365-day year and the actual number of days elapsed in such partial period. Interest on this Security payable on an Interest Payment Date after November 30, 2026 shall be computed on an Actual/365 (Fixed) basis as well. Payments of interest on this Security with respect to any Interest Payment Date, or at the Maturity of the principal hereof, will include interest accrued to but excluding such Interest Payment Date or the date of such Maturity, as the case may be. In the case of interest payable for any period less than a full semi-annual period, accrued interest from the date of issue or from the last date to which interest has been paid or duly provided for shall be calculated by the Calculation Agent by multiplying the principal amount by an accrued interest factor. Such accrued interest factor shall be computed by adding the interest factors calculated for each day from and including the date of issue or from and including the last date to which interest has been paid or duly provided for, to but excluding the date for which accrued interest is being calculated. The interest factor for each such day shall be expressed as a decimal and computed by dividing the interest rate (also expressed as a decimal) in effect on such day by 365.

Notwithstanding the foregoing, interest on this Security (i) shall not at any time be less than 0% on an accrual basis, and (ii) shall not be higher than the maximum rate permitted by New York law, as it may be modified by U.S. law of general applicability.

For the purposes of this Security, CDOR will be determined in the following manner:

(i) CDOR will be an interest rate *per annum* equal to the arithmetic average (rounded upwards to the nearest whole multiple of 0.00001%) of the annual bid rates of interest for Canadian dollar bankers' acceptances having a 90-day term to maturity (or a term as closely as possible comparable to such maturity) that appears on the Refinitiv Benchmark Services (UK) Limited CDOR Page (or any successor or replacement page) as of 10:15 a.m. (Toronto time) on the Interest Reset Date for such Interest Period.

(ii) If fewer than three such bid rates appear on the Refinitiv Benchmark Services (UK) Limited CDOR Page as of 10:15 a.m. (Toronto time) on the related Interest Reset Date, then CDOR for such Interest Period shall be determined by the Calculation Agent using a substitute or successor base rate that it has determined in its sole discretion is most comparable to CDOR. If the Calculation Agent determines on the relevant Interest Reset Date that CDOR has been discontinued, then the Calculation Agent will use a substitute or successor base rate that it has determined in its sole discretion is most comparable to CDOR, provided that if the Calculation Agent determines there is an industry-accepted successor base rate, then the Calculation Agent shall use such successor base rate. If the Calculation Agent has determined a substitute or

(Face of Security continued on next page)

successor base rate in accordance with the foregoing, the Calculation Agent in its sole discretion may determine the business day convention, the definition of business day and the Interest Reset Date to be used and any other relevant methodology for calculating such substitute or successor base rate, including any adjustment factor needed to make such substitute or successor base rate comparable to CDOR, in a manner that is consistent with industry-accepted practices for such substitute or successor base rate. Unless the Calculation Agent uses a substitute or successor rate as so provided, if CDOR is unavailable and/or cannot be determined in the manner described above on the determination date, CDOR will be determined by the Calculation Agent, after consulting such sources as it deems comparable to the foregoing display page, or any other source it deems reasonable, in its sole discretion.

The Calculation Agent's determination of any interest rate, and its calculation of the amount of interest for any interest period, will be on file at our principal offices, will be made available to any noteholder upon request and will be final and binding in the absence of manifest error.

All Canadian dollar amounts resulting from the calculation of interest, as described above during the relevant periods, will be rounded to the nearest cent.

For all purposes of this Security:

The term "Refinitiv Benchmark Services (UK) Limited CDOR Page" means the display designated as the "CDOR03" page on the Refinitiv Benchmark Services (UK) Limited (or such other page as may replace the CDOR page on that service) for the purpose of displaying, among other things, Canadian dollar bankers' acceptance rates.

The term "Interest Period" means the period beginning on and including November 30, 2021 to, but excluding, the first Interest Payment Date and each successive period from and including an Interest Payment Date to but excluding the next Interest Payment Date (or, in any such case if applicable, to the Maturity of the principal hereof), subject to the provisions under "Payments Due on a Business Day" below.

The term "Interest Reset Date" means every February 28, May 30, August 30 and November 30, commencing on November 30, 2026, on each of which the rate of interest on this Security will be reset. If any Interest Reset Date after November 30, 2026 would otherwise be a day that is not a Business Day with respect to this Security, then such Interest Reset Date shall be postponed to the next day that is a Business Day; *provided* that, if such next succeeding Business Day falls in the next calendar month, then such Interest Reset Date shall be advanced to the immediately preceding Business Day. Notwithstanding the foregoing, the Interest Reset Date on November 30, 2026 and any Interest Reset Date that falls on the Maturity of the principal hereof will not be changed, *provided* that, if any such Interest Reset Date is not a Business Day with respect to this Security, the determination of any floating rate of interest that takes effect on such date shall be determined on the next succeeding Business Day.

(Face of Security continued on next page)



Other than calculations of CDOR as described above, all percentages resulting from any calculation with respect to this Security shall be rounded upward or downward, as appropriate, to the next higher or lower one hundred-thousandth of a percentage point (*e.g.*, 9.876541% (or .09876541) being rounded down to 9.87654% (or .0987654) and 9.876545% (or .09876545) being rounded up to 9.87655% (or .0987655)). All amounts used in or resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the nearest cent with one-half or more of a cent being rounded upward.

The interest so payable, and punctually paid or made available for payment, on any Interest Payment Date will, as provided in the Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the Regular Record Date for such interest, which shall be the calendar day (whether or not a Business Day, as defined below) next preceding such Interest Payment Date (or, if such interest is to be paid on another day as provided below, next preceding such other day). Any interest so payable, but not punctually paid or made available for payment, on any Interest Payment Date will forthwith cease to be payable to the Holder on such Regular Record Date and such Defaulted Interest may either be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be fixed by the Trustee, notice whereof being given to the Holder of this Security not less than 10 days prior to such Special Record Date, or be paid in any other lawful manner not inconsistent with the requirements of any securities exchange on which this Security may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture. For the purpose of determining the Holder at the close of business on any relevant record date when business is not being conducted, the close of business will mean 5:00 P.M., New York City time, on that day.

Solely for the purposes of disclosure under the *Interest Act* (Canada), the yearly rate of interest to which interest calculated under the Security for any period in any calendar year (the “calculation period”) is equivalent, is the rate payable under the Security in respect of the calculation period multiplied by a fraction the numerator of which is the actual number of days in such calendar year and the denominator of which is the actual number of days in the calculation period.

(Face of Security continued on next page)

### ***Currency and Manner of Payment***

Payment of the principal of and premium or interest on this Security will be made in Canadian dollars. Notwithstanding any other provision of this Security or the Indenture, if this Security is a Global Security, any payment in respect of this Security may be made pursuant to the Applicable Procedures of the Depositary as permitted in the Indenture.

Subject to the prior paragraph and except as provided in the next paragraph, payment of any amount payable on this Security will be made at the office or agency of the Company maintained for that purpose in Toronto, Ontario (and at any other office or agency maintained by the Company for that purpose), against surrender of this Security in the case of any payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date); provided, however, that, at the option of the Company and subject to the next paragraph, payment of interest may be made by check mailed to the address of the Person entitled thereto as such address shall appear in the Security Register.

Subject to the second preceding paragraph, payment of any amount payable on this Security will be made by wire transfer of immediately available funds to an account maintained by the payee with a bank located in Toronto, Ontario if (i) the principal of this Security is at least CAD1,000,000 and (ii) the Holder entitled to receive such payment transmits a written request for such payment to be made in such manner to the Trustee at its Corporate Trust Office, Attention: Corporate Trust Administration, on or before the fifth Business Day before the day on which such payment is to be made; provided that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in Toronto, Ontario (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the fifth Business Day before a payment is to be made, in which case such revocation shall be effective for such payment and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

The Company will at all times maintain an office or agency in Toronto, Ontario for the payment of principal, interest and any other amount on this Security. The Company's initial Paying Agent shall be BNY Trust Company of Canada in Toronto, Ontario.

(Face of Security continued on next page)

References in this Security to Canadian dollars shall mean, as of any time, the coin or currency that is legal tender for the payment of private and public debt in Canada.

***Payments Due on a Business Day***

Notwithstanding any provision of this Security or the Indenture, if any amount of principal, premium or interest would otherwise be due on this Security on a day (the "Specified Day") that is not a Business Day, such amount may be paid or made available for payment on the next succeeding Business Day with the same force and effect as if such amount were paid on the Specified Day, and no interest will accrue on the amount so payable for the period from the Specified Day to such next succeeding Business Day. Interest Periods shall not be adjusted for non-Business Days, except as provided in the next paragraph.

If an Interest Payment Date scheduled to occur after November 30, 2026 would otherwise be a day that is not a Business Day, that Interest Payment Date shall be postponed to the next day that is a Business Day; *provided* that, if such next succeeding Business Day falls in the next calendar month, the Interest Payment Date shall be advanced to the immediately preceding Business Day. Notwithstanding the foregoing, an Interest Payment Date that falls on the Maturity of the principal hereof will not be changed. Any Interest Period beginning on or ending immediately prior to an Interest Payment Date that is postponed or advanced as provided in this paragraph shall be adjusted accordingly. Notwithstanding the foregoing, the initial Interest Period during the period beginning on November 30, 2026 shall begin on November 30, 2026.

For all purposes of this Security, "Business Day" means each Monday, Tuesday, Wednesday, Thursday and Friday that is not a day on which banking institutions generally are authorized or obligated by law or executive order to close in The City of New York or Toronto, Ontario. The provisions of this section shall apply to this Security in lieu of the provisions of Section 1.13 of the Indenture.

***Payments Made in U.S. Dollars***

Notwithstanding any provision of this Security or the Indenture, if any amount payable on this Security is payable on any day and if Canadian dollars are not available to the Company on the two Business Days before such day, due to the imposition of exchange controls, disruption in a currency market or any other circumstances beyond the control of the Company, the Company will be entitled to satisfy its obligation to pay such amount in Canadian dollars by making such payment in U.S. dollars. The amount of such payment in U.S. dollars shall be determined by an Exchange Rate Agent to be appointed by the Company, on the basis of the noon buying rate for cable transfers in The City of New York for Canadian dollars (the "Exchange Rate") as of the latest day before the day on which such payment is to be made. Any payment made under such circumstances in U.S. dollars where the required payment is in Canadian dollars will not constitute an Event of Default under this Security or the Indenture.

(Face of Security continued on next page)

***Exchange Rate Agent***

As used herein, the “Exchange Rate Agent” shall mean such agent appointed by the Company to act with respect to this series after the date of issuance (including any affiliate of the Company); provided that the Company may, and in its sole discretion, appoint any other institution (including any affiliate of the Company) to serve as any such agent from time to time. The Company will give the Trustee prompt written notice of any change in any such appointment. Insofar as this Security provides for any such agent to obtain rates, quotes or other data from a bank, dealer or other institution for use in making any determination hereunder, such agent may do so from any institution or institutions of the kind contemplated hereby notwithstanding that any one or more of such institutions are any such agent, affiliates of any such agent or affiliates of the Company.

All determinations made by the Exchange Rate Agent pursuant to the terms of this Security shall be, absent manifest error, conclusive for all purposes and binding on the holder of this Security and the Company, and the Exchange Rate Agent shall have no liability therefor.

***Calculation Agent***

As used herein, the “Calculation Agent” shall initially mean Goldman Sachs & Co. LLC; provided that the Company may, in its sole discretion, appoint any other institution (including any affiliate of the Company) to serve as any such agent from time to time. The Company will give the Trustee prompt written notice of any change in any such appointment. Insofar as this Security provides for any such agent to obtain rates, quotes or other data from a bank, dealer or other institution for use in making any determination hereunder, such agent may do so from any institution or institutions of the kind contemplated hereby notwithstanding that any one or more of such institutions are any such agent, affiliates of any such agent or affiliates of the Company. All determinations made by the Calculation Agent may be made by such agent in its sole discretion and, absent manifest error, shall be conclusive for all purposes and binding on the Holder of this Security and the Company. The Calculation Agent shall not have any liability therefor.

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(Face of Security continued on next page)

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

Unless the certificate of authentication hereon has been executed by the Trustee by manual or electronic signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

(Face of Security continued on next page)

IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

Dated: November 30, 2021

THE GOLDMAN SACHS GROUP, INC.

By: \_\_\_\_\_  
Name:  
Title:

This is one of the Securities of the series designated herein and referred to in the Indenture.

Dated: November 30, 2021

THE BANK OF NEW YORK MELLON, as Trustee

By: \_\_\_\_\_  
Authorized Signatory

(Reverse of Security)

**1. *Securities and Indenture.***

This Security is one of a duly authorized issue of securities of the Company (herein called the “Securities”) issued and to be issued in one or more series under a Senior Debt Indenture, dated as of July 16, 2008 (herein called the “Indenture”, which term shall have the meaning assigned to it in such instrument), between the Company and The Bank of New York Mellon, as Trustee (herein called the “Trustee”, which term includes any successor trustee under the Indenture), and reference is hereby made to the Indenture for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered.

**2. *Series and Denominations.***

This Security is one of the series designated on the face hereof, limited to an aggregate principal amount as shall be determined and may be increased from time to time by the Company. Any election by the Company so to increase such aggregate principal amount shall be evidenced by a certificate of an Authorized Person (as defined in the Determination of an Authorized Person, dated November 30, 2021, with respect to this series). References herein to “this series” mean the series of Securities designated on the face hereof, provided that, for purposes of Sections 6 and 7 below, the term “series” (and references to Securities of a series) shall be deemed to refer only to Securities having the same CUSIP number. The Securities of this series are issuable only in registered form without coupons in denominations of integral multiples of CAD1,000, subject to a minimum denomination of CAD100,000.

**3. *Additional Amounts.***

If the beneficial owner of this Security is a United States Alien (as defined below), the Company will pay all additional amounts that may be necessary so that every net payment of the principal of and interest on this Security to such beneficial owner, after deduction or withholding for or on account of any present or future tax, assessment or governmental charge imposed with respect to such payment by any U.S. Taxing Authority (as defined below), will not be less than the amount provided for in this Security to be then due and payable; provided, however, that the Company shall have no obligation to pay additional amounts for or on account of any one or more of the following:

(Reverse of Security continued on next page)

(i) any tax, assessment or other governmental charge imposed solely because at any time there is or was a connection between such beneficial owner (or between a fiduciary, settlor, beneficiary, shareholder or member of such beneficial owner, if such beneficial owner is an estate, trust, partnership or corporation) and the United States (as defined below) (other than the mere receipt of a payment on, or the ownership or holding of, a Security), including because such beneficial owner (or such fiduciary, settlor, beneficiary, shareholder or member) at any time, for U.S. federal income tax purposes: (a) is or was a citizen or resident, or is or was treated as a resident, of the United States, (b) is or was present in the United States, (c) is or was engaged in a trade or business in the United States, (d) has or had a permanent establishment in the United States, (e) is or was a domestic or foreign personal holding company, a passive foreign investment company or a controlled foreign corporation, (f) is or was a corporation that accumulates earnings to avoid U.S. federal income tax or (g) is or was a “10-percent shareholder” of the Company as defined in Section 871(h)(3) of the U.S. Internal Revenue Code or any successor provision;

(ii) any tax, assessment or governmental charge imposed solely because of a change in applicable law or regulation, or in any official interpretation or application of applicable law or regulation, that becomes effective more than 15 days after the day on which the payment becomes due or is duly provided for, whichever occurs later;

(iii) any estate, inheritance, gift, sales, excise, transfer, wealth or personal property tax or any similar tax, assessment or other governmental charge;

(iv) any tax, assessment or other governmental charge imposed solely because such beneficial owner or any other Person fails to comply with any certification, identification or other reporting requirement concerning the nationality, residence, identity or connection with the United States of the Holder or any beneficial owner of this Security, if compliance is required by statute, by regulation of the U.S. Treasury Department or by an applicable income tax treaty to which the United States is a party, as a precondition to exemption from such tax, assessment or other governmental charge;

(v) any tax, assessment or other governmental charge that is payable otherwise than by deduction or withholding from payments of principal of or interest on this Security;

(vi) any tax, assessment or other governmental charge imposed solely because the payment is to be made by a particular Paying Agent (which term may include the Company) and would not be imposed if made by another Paying Agent (which term may include the Company);

(Reverse of Security continued on next page)



(vii) any tax, assessment or other governmental charge imposed solely because the Holder (1) is a bank purchasing this Security in the ordinary course of its lending business or (2) is a bank that is neither (A) buying this Security for investment purposes only nor (B) buying this Security for resale to a third party that either is not a bank or holding this Security for investment purposes only; or

(viii) any combination of the taxes, assessments or other governmental charges described in items (i) through (vii) of this Section 3.

Additional amounts also will not be paid with respect to any payment of principal of or interest on this Security to any United States Alien who is a fiduciary or a partnership, or who is not the sole beneficial owner of any such payment, to the extent that the Company would not be required to pay additional amounts to any beneficiary or settlor of such fiduciary or any member of such a partnership, or to any beneficial owner of the payment, if that Person had been treated as the beneficial owner of this Security for this purpose.

In addition, any amounts to be paid on this Security will be paid net of any deduction or withholding imposed or required pursuant to Sections 1471 through 1474 of the U.S. Internal Revenue Code, any current or future regulations or official interpretations thereof, any agreement entered into pursuant to Section 1471(b) of the U.S. Internal Revenue Code, or any fiscal or regulatory legislation, rules or practices adopted pursuant to any intergovernmental agreement entered into in connection with the implementation of such Sections of the U.S. Internal Revenue Code, and no additional amounts will be required to be paid on account of any such deduction or withholding.

The term "United States Alien" means any Person who, for U.S. federal income tax purposes, is a nonresident alien individual, a foreign corporation, a foreign partnership one or more of the members of which is, for United States federal income tax purposes, a foreign corporation, a nonresident alien individual or a nonresident alien fiduciary of a foreign estate or trust, or a nonresident alien fiduciary of an estate or trust that is not subject to U.S. federal income tax on a net income basis on income or gain from this Security. For the purposes of this Section 3 and Section 4 only, (a) the term "United States" means the United States of America (including the states thereof and the District of Columbia), together with the territories, possessions and all other areas subject to the jurisdiction of the United States of America and (b) the term "U.S. Taxing Authority" means the United States of America or any state, other jurisdiction or taxing authority in the United States.

Except as specifically provided in this Security, the Company shall not be required to make any payment with respect to any tax, assessment or other governmental charge imposed by any government or any political subdivision or taxing authority thereof or therein.

(Reverse of Security continued on next page)

Whenever in the Securities of this series (or in the Indenture, including in Sections 5.01(1) and (2) thereof, insofar as applicable to this series) there is a reference, in any context, to the payment of the principal of or interest on any Security of this series, such mention shall be deemed to include mention of any payment of additional amounts to United States Aliens in respect of such payment of principal or interest to the extent that, in such context, such additional amounts are, were or would be payable in respect thereof pursuant to this Section 3 or any corresponding section of another Security of this series, as the case may be. Express mention of the payment of additional amounts in any provision of any Security of this series shall not be construed as excluding additional amounts in the provisions of any Security of this series (or of the Indenture insofar as it applies to this series) where such express mention is not made.

#### **4. *Redemption at the Company's Option.***

(a) The Securities of this series may be redeemed, as a whole but not in part, at the option of the Company, at a redemption price equal to 100% of the principal amount of the Securities to be redeemed, together with interest accrued and unpaid to but excluding the Redemption Date, if, as a result of any amendment to, or change in, the laws or regulations of any U.S. Taxing Authority (as defined in Section 3 above), or any amendment to or change in any official interpretation or application of such laws or regulations, which amendment or change becomes effective or is announced on or after November 22, 2021, the Company will become obligated to pay, on the next Interest Payment Date, additional amounts in respect of any Security of this series pursuant to Section 3 of this Security or any corresponding section of another Security of this series. If the Company becomes entitled to redeem the Securities of this series, it may do so on any day thereafter pursuant to the Indenture; provided, however, that (1) the Company gives the Holder of this Security notice of such redemption not more than 60 days nor less than 30 days prior to the Redemption Date as provided in the Indenture, (2) no such notice of redemption may be given earlier than 90 days prior to the next Interest Payment Date on which the Company would be obligated to pay such additional amounts and (3) at the time such notice is given, such obligation to pay such additional amounts remains in effect. Immediately prior to the giving of any notice of redemption of Securities pursuant to this Section 4(a), the Company will deliver to the Trustee an Officers' Certificate stating that the Company is entitled to effect such redemption and setting forth in reasonable detail a statement of facts showing that the conditions precedent to the right of the Company to so redeem the Securities have occurred. Interest installments due on or prior to a Redemption Date will be payable to the Holder of this Security or one or more Predecessor Securities, of record at the close of business on the relevant record date, all as provided in the Indenture.

(Reverse of Security continued on next page)

(b) In addition, the Securities of this series may be redeemed, at the Company's option, in whole at any time, or in part from time to time, on or after May 30, 2022 (or, if any additional Securities of this series are issued after November 30, 2021, beginning six months after the last issue date for the additional Securities of this series), and to, but excluding, November 30, 2026, at a redemption price equal to the greater of (i) 100% of the principal amount of the Securities to be redeemed or (ii) the Canada Yield Price, as described below, plus, in each case, accrued and unpaid interest to but excluding the Redemption Date. Notice of a redemption pursuant to this Section 4(b) must be provided to the Holder of this Security not more than 60 days nor less than 10 days prior to the Redemption Date. Interest installments due on or prior to a Redemption Date will be payable to the Holder of this Security or one or more Predecessor Securities, of record at the close of business on the relevant record date, all as provided in the Indenture.

The "Canada Yield Price" of the Securities of this series (or the portion thereof to be redeemed) shall be calculated to provide a yield to maturity, compounded semi-annually and calculated in accordance with generally accepted Canadian financial practice, equal to the sum of the Government of Canada Yield calculated as of approximately 10:15 a.m. (Toronto time) on the third business day in Toronto preceding the Redemption Date, plus 25.5 basis points, assuming for this purpose that the Securities of this series would mature on November 30, 2026 (rather than the Stated Maturity of the principal hereof).

"Government of Canada Yield" means, on any date, with respect to any Securities of this series, the yield to maturity on such date, compounded semi-annually and calculated in accordance with generally accepted Canadian financial practice, which an assumed new issue of non-callable Government of Canada bonds denominated in Canadian dollars would carry if issued in Canada at 100% of its principal amount on such date, with a term to maturity as nearly as possible equal to the remaining term to maturity of such Securities, assuming for this purpose that the Securities of this series would mature on November 30, 2026 (rather than the Stated Maturity of the principal hereof). The Government of Canada Yield will be calculated by the Company as the average (rounded to three decimal points) of the bid-side yields determined by two major Canadian investment dealers selected by the Company.

(c) In addition, on November 30, 2026 or on or after October 30, 2027, the Securities of this series may be redeemed, at the Company's option, in whole, but not in part, at a redemption price equal to 100% of the principal amount of the Securities to be redeemed, together with accrued and unpaid interest to but excluding the Redemption Date. Notice of a redemption pursuant to this Section 4(c) must be provided to the Holder of this Security not more than 60 days nor less than 10 days prior to the Redemption Date. Interest installments due on or prior to a Redemption Date will be payable to the Holder of this Security or one or more Predecessor Securities, of record at the close of business on the relevant record date, all as provided in the Indenture.

(Reverse of Security continued on next page)

### ***5. Defeasance.***

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Security or certain restrictive covenants, Events of Default and Covenant Breaches with respect to this Security, in each case upon compliance with certain conditions set forth in the Indenture. Both of such provisions are applicable to this Security.

### ***6. Modification and Waiver.***

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the rights of the Holders of the Securities to be affected under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority in principal amount of all Securities at the time Outstanding to be affected, considered together as one class for this purpose (such Securities to be affected may be Securities of the same or different series and, with respect to any series, may comprise fewer than all the Securities of such series). The Indenture also contains provisions (i) permitting the Holders of a majority in principal amount of the Securities at the time Outstanding to be affected under the Indenture, considered together as one class for this purpose (such affected Securities may be Securities of the same or different series and, with respect to any particular series, may comprise fewer than all the Securities of such series), on behalf of the Holders of all Securities so affected, to waive compliance by the Company with certain provisions of the Indenture and (ii) permitting the Holders of a majority in principal amount of the Securities at the time Outstanding of any series to be affected under the Indenture (with each such series considered separately for this purpose), on behalf of the Holders of all Securities of such series, to waive certain past defaults under the Indenture and their consequences. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange hereof or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security. For the purpose of this paragraph, the term “default” means, with respect to any Securities, any event which is, or after notice or lapse of time or both would become, an Event of Default or Covenant Breach in respect of such Securities.

### ***7. Remedies.***

If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture. With respect to this Security, the only Events of Default are payment defaults that continue for 30 days and insolvency events, all as specified in the Indenture. Any other default under or breach of the Indenture or the Securities will not give rise to an Event of Default, whether after notice, the passage of time or otherwise.

(Reverse of Security continued on next page)

As provided in and subject to the provisions of the Indenture, the Holder of this Security shall not have the right to institute any proceeding with respect to the Indenture or for the appointment of a receiver or trustee or for any other remedy thereunder, unless such Holder shall have previously given the Trustee written notice of a continuing Event of Default or Covenant Breach with respect to the Securities of this series, the Holders of not less than 25% in principal amount of the Securities of this series at the time Outstanding shall have made written request to the Trustee to institute proceedings in respect of such Event of Default or Covenant Breach, as applicable, as Trustee and offered the Trustee indemnity reasonably satisfactory to it, and the Trustee shall not have received from the Holders of a majority in principal amount of Securities of this series at the time Outstanding a direction inconsistent with such request, and shall have failed to institute any such proceeding, for 60 days after receipt of such notice, request and offer of indemnity. The foregoing shall not apply to any suit instituted by the Holder of this Security for the enforcement of any payment of principal hereof or any premium or interest hereon on or after the respective due dates expressed herein.

If so provided pursuant to the terms of any specific Securities, the above-referenced provisions of the Indenture regarding the ability of Holders to waive certain defaults, or to request the Trustee to institute proceedings (or to give the Trustee other directions) in respect thereof, may be applied differently with regard to such Securities.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium (if any) and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed. As used in this Section 7, the term "series" (and references to the Securities of a series) shall mean only Securities having the same CUSIP number.

#### **8. *Transfer and Exchange.***

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registrable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company in any place where the principal of and interest on this Security are payable, duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor, of authorized denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.

(Reverse of Security continued on next page)

As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different authorized denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, whether or not this Security be overdue, and neither the Company, the Trustee nor any such agent shall be affected by notice to the contrary.

This Security is a Global Security and is subject to the provisions of the Indenture relating to Global Securities, including the limitations in Section 3.05 thereof on transfers and exchanges of Global Securities except that for the purposes of all Global Securities of this series, the first sentence of Clause (2) in the last paragraph of Section 3.05 of the Indenture shall be modified to read in its entirety as follows:

Notwithstanding any other provision in this Indenture, and subject to such applicable provisions, if any, as may be specified as contemplated by Section 3.01, no Global Security may be exchanged in whole or in part for Securities registered, and no transfer of a Global Security in whole or in part may be registered, in the name of any Person other than the Depository for such Global Security or a nominee thereof unless (A) such Depository has notified the Company that it (i) is unwilling or unable to continue as Depository for such Global Security or (ii) has ceased to be a recognized clearing agency under the *Securities Act* (Ontario) or a recognized clearing house under the *Securities Act* (Quebec) or a similarly recognized entity under other applicable Canadian or provincial securities legislation, (B) there shall have occurred and be continuing an Event of Default or Covenant Breach with respect to such Global Security or (C) the Company has executed and delivered to the Trustee a Company Order stating that such Global Security shall be exchanged in whole for Securities that are not Global Securities (in which case such exchange shall promptly be effected by the Trustee).

(Reverse of Security continued on next page)

9. *Notices.*

Notices that are required hereunder or under the Indenture to be given to Holders of the Securities of this series shall be given to Holders of the Securities of this series as set forth in the Indenture.

10. *Governing Law.*

**This Security and the Indenture shall be governed by and construed in accordance with the laws of the State of New York.**

11. *Terms Defined in the Indenture.*

All terms used in this Security which are defined in the Indenture but not otherwise defined herein shall have the meanings assigned to them in the Indenture.

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(Reverse of Security continued on next page)

ASSIGNMENT

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto \_\_\_\_\_

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PLEASE INSERT SOCIAL SECURITY OR OTHER  
IDENTIFYING NUMBER OF ASSIGNEE

\_\_\_\_\_  
/ \_\_\_\_\_ /

---

(Please Print or Typewrite Name and Address  
Including Postal Zip Code of Assignee)

---

the attached Security and all rights thereunder, and hereby irrevocably constitutes and appoints \_\_\_\_\_  
\_\_\_\_\_ to transfer said Security on the books of the  
Company, with full power of substitution in the premises.

Dated:

Signature Guaranteed

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NOTICE: Signature must be guaranteed.

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NOTICE: The signature to this assignment must correspond with the name of the Holder as written upon the face of the attached Security in every particular, without alteration or any change whatever.



[Letterhead of Sullivan & Cromwell LLP]

November 30, 2021

The Goldman Sachs Group, Inc.,  
200 West Street,  
New York, New York 10282.

Ladies and Gentlemen:

We are acting as counsel to The Goldman Sachs Group, Inc., a Delaware corporation (the “Company”), in connection with the issuance and delivery, on the date hereof, of CAD1,000,000,000 principal amount of the Company’s 2.599% Fixed/Floating Rate Notes due 2027 (the “Notes”). The Company filed with the Securities and Exchange Commission, on February 24, 2021, a registration statement on Form S-3 (File No. 333-253421), as amended on March 18, 2021 on Form S-3/A (the “Registration Statement”) under the Securities Act of 1933 (the “Act”) relating to the proposed offer and sale of the Company’s unsecured debt securities, including the Notes. The Notes are being issued under an indenture, dated as of July 16, 2008 (as previously amended, most recently by the Fourth Supplemental Indenture, dated as of December 31, 2016, the “Indenture”), between the Company and The Bank of New York Mellon, as trustee (the “Trustee”).

In rendering this opinion, we have examined the following documents:

1. The Restated Certificate of Incorporation and the Amended and Restated By-Laws of the Company.
2. The Indenture.

3. Certificates of officers of the Company with respect to the authorization of the Notes, the determination of the terms of the Notes and related matters.
4. Form of the Notes.

We also have examined such questions of law as we have considered necessary or appropriate for the purposes of this opinion. Upon the basis of such examination, it is our opinion that the Notes constitute valid and legally binding obligations of the Company, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights and to general equity principles.

We note that, as of the date of this opinion, a judgment for money in an action based on securities denominated in a foreign currency in a Federal or state court in the United States ordinarily would be enforced in the United States only in U.S. dollars. The date used to determine the rate of conversion of the foreign currency in which a particular security is denominated into U.S. dollars will depend upon various factors, including which court renders the judgment. For example, a state court in the State of New York rendering a judgment on a security denominated in a foreign currency would be required under Section 27 of the New York Judiciary Law to render such judgment in the foreign currency in which the security is denominated, and such judgment would be converted into U.S. dollars at the exchange rate prevailing on the date of entry of the judgment.

The foregoing opinion is limited to the Federal laws of the United States, the laws of the State of New York and the General Corporation Law of the State of Delaware, and we are expressing no opinion as to the effect of the laws of any other jurisdiction.

In rendering the foregoing opinion, we are not passing upon, and assume no responsibility for, any disclosure in the Registration Statement or any related prospectus or other offering material regarding the Company or the Notes or their offering and sale.

We have relied as to certain matters on information obtained from public officials, officers of the Company and other sources believed by us to be responsible, and we have assumed, without independent verification, that the Indenture has been duly authorized, executed and delivered by the Trustee, that the Notes conform to the form thereof examined by us, that the Trustee's certificate of authentication of the Notes has been manually signed by one of the Trustee's authorized officers, that the Notes have been delivered against payment as contemplated in the Registration Statement and that the signatures on all documents examined by us are genuine.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving this consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act.

Very truly yours,

/s/ Sullivan & Cromwell LLP