502928005 08/08/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2974605

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE OF THE ASSIGNMENT BY INVENTOR BROWNE previously recorded on Reel 012201 Frame 0690. Assignor(s) hereby confirms the EXECUTION DATE BY INVENTOR BROWNE IS 9-20-2001.

#### **CONVEYING PARTY DATA**

Name	Execution Date
SID BROWNE	09/20/2001
ARTHUR MAGHAKIAN	09/21/2001

#### **RECEIVING PARTY DATA**

Name:	GOLDMAN SACHS & CO.	
Street Address:	ONE NEW YORK PLAZA	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10004	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	09896660	

#### CORRESPONDENCE DATA

Fax Number: (206)359-9000

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: P.O. BOX 1247

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ATTORNEY DOCKET NUMBER:	081786-8013.US00
NAME OF SUBMITTER:	JANET NEWMAKER
SIGNATURE:	/Janet Newmaker/
DATE SIGNED:	08/08/2014

## **Total Attachments: 6**

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**PATENT** REEL: 033500 FRAME: 0918 502928005

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PATENT REEL: 033500 FRAME: 0919

10-02-2001

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Commissioner of Patents **Box Assignment** 

Washington, D.C. 20231 Please record the attached original document(s) or copy(ies) thereof: Receiving party: Conveying party(ies): Sept. 21, 2001 Goldman Sachs & Co. Sid Browne Sept. 21, 2001 One New York Plaza Arthur Maghakian New York, NY 10004 Submission Type: Conveyance Type: ⊠New. ⊠Assignment | Security Agreement Change of Name Resubmission: Doc. ID# License Correction of PTO error Merger Other Reel Corrective Document Frame

Date: Name: Signature:

Application or Patent Number(s):

Enter either Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for same property)

## Patent Application Number(s)

09/896,660

Patent Number(s)

CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Post Office as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on September 24, 2001

Clifford Chance Rogers & Wells LLI

Docket No. 3499-96

If this document is being filed with a new application, The application was signed by the first named executing inventor on:

## **Correspondence Address:**

Mitchell S. Feller CLIFFORD CHANCE ROGERS & WELLS LLP 200 Park Avenue New York, New York 10166 Telephone: (212) 878-8545

0/01/2001 ARMEDI | 00000133 50**0521** 

09896660

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40.00 CM

**Number of Properties:** 

Total number of properties involved:

Total fee under 37 CFR 1.21(h) (\$40/per) \$40

Enclosed

Authorized to charge to Deposit Account Number: 50-0521. A duplicate copy of this cover sheet is

Please apply any additional fee or any credits to Deposit Account 50-0521.

Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mitchell S. Feller, 42,530

September 24, 2001

Date

Cover Sheet Page 1 of 2

PATENT

NYB 1284211.1

REEL: 033500 FRAME: 0920

## **ASSIGNMENT**

Sid Browne, a citizen of the United States of America and residing at 1053 East 19<sup>th</sup> Street, Brooklyn, New York 11230; and Arthur Maghakian a citizen of the United States of America and residing at 500 East 63<sup>rd</sup> Street, Apt. 10J, New York, New York 10021; and

hereafter called "the Assignor(s)", have made certain inventions and discoveries which are described in the patent specification entitled:

METHOD AND SYSTEM FOR SIMULATING RISK FACTORS IN PARAMETRIC MODELS USING RISK NEUTRAL HISTORICAL BOOTSTRAPPING

executed by us on the date indicated on the accompanying Declaration, preparatory to applying for Letters Patent therefor

for U.S. Patent Application Serial No. <u>09/896,660</u>, filed <u>June 29, 2001</u>

Whereas, Goldman Sachs & Co., a corporation organized and existing under and by virtue of the laws of New York, and having offices and doing business at One New York Plaza hereafter called "the Assignee", is desirous of acquiring the title, rights, benefits and privileges recited below, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now therefore let it be known that, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to each of us by the Assignee, we hereby do assign the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, and any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent, utility models, design registrations, reissues and extensions of any Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

We hereby authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

We authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as the Assignee may direct;

We warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

We hereby covenant and agree and bind our respective heirs, legal representatives and assigns to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in the United States and foreign countries, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to or additional consideration from said Assignee, its successors, assigns or nominees.

NYB 1281577.1

The undersigned declare under penalty of perjury under the law they have signed this document as their own free act and that all of the	
All and the second of the seco	Ber g/rdh
State of Many all	Sid Browne
State of New York ):ss County of New York ):ss	
On this 2/ day of Sep Lamby, 2001 before me appeared Si	d Browne to me known and to me to
be the person described in and who executed the foregoing instrume	ent and he acknowledged the same to
be his free act and deed.	
Ship O Harvel	(OFFICIAL SEAL)
Notary Public	
Janet A. Gardell	
Notary Public State of New York  No. 01GA5041080 Qualified in Richmond County  No. 01GA5041080 Qualified in Richmond County	
Cartificate Filed III New Tork County	
Commission Expires 3/27/_Q3	
	Arthur Maghakian
State of New )	
County of ):ss	
On this day of , 2001 before me appeared A	rthur Maghakian, to me known and to
me to be the person described in and who executed the foregoing	instrument and he acknowledged the
same to be his free act and deed.	
	(OFFICIAL SEAL)
Notary Public	

### ASSIGNMENT

Sid Browne, a citizen of the United States of America and residing at 1053 East 19<sup>th</sup> Street, Brooklyn, New York 11230; and Arthur Maghakian a citizen of the United States of America and residing at 500 East 63<sup>rd</sup> Street, Apt. 10J, New York, New York 10021; and

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| for U.S. Patent Application Serial No. 09/896,660 , filed June 29, 2001 |

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Now therefore let it be known that, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to each of us by the Assignee, we hereby do assign the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, and any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent, utility models, design registrations, reissues and extensions of any Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

We hereby authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

We authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as the Assignee may direct;

We warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

We hereby covenant and agree and bind our respective heirs, legal representatives and assigns to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in the United States and foreign countries, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to or additional consideration from said Assignee, its successors, assigns or nominees.

NYB 1281577.1

The undersigned declare under penalty of perjury under the laws of the United States of America that they have signed this document as their own free act and that all of the foregoing is true and correct.

State of	)	Sid Browne
County of	):ss )	
On this day of be the person described in a		appeared Sid Browne, to me known and to me to ing instrument and he acknowledged the same to
be his free act and deed.		
		(OFFICIAL SEAL)
Notary	Public	
		Maghahian Arthur Maghakian
State of New York	• )	Arthur Maghakian
State of New York County of New York	e ):ss	
0.11: 2/1 s 200	La A 20011.5	appeared Arthur Maghakian, to me known and to
me to be the person describ	ped in and who executed the	appeared Arthur Magnakian, to me known and to foregoing instrument and he acknowledged the
same to be his free act and d		
	Tarlel	(OFFICIAL SEAL)
Notary 1	Public	

Janet A. Gardell
Notary Public State of New York
No. 01GA5041080 Qualified in Richmond County
Certificate Filed in New York County
Commission Expires 3/27/