

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2699740

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DIERK REUTER</td> <td>08/22/2002</td> </tr> <tr> <td>LOUIS MENNA</td> <td>07/18/2002</td> </tr> </tbody> </table>		Name	Execution Date	DIERK REUTER	08/22/2002	LOUIS MENNA	07/18/2002
Name	Execution Date						
DIERK REUTER	08/22/2002						
LOUIS MENNA	07/18/2002						
RECEIVING PARTY DATA							
Name:	GOLDMAN, SACHS & CO.						
Street Address:	200 WEST STREET						
City:	NEW YORK						
State/Country:	NEW YORK						
Postal Code:	10282						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10135326</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10135326		
Property Type	Number						
Application Number:	10135326						
CORRESPONDENCE DATA							
Fax Number:	(206)359-7198						
Phone:	303-291-2300						
Email:	rlopez@perkinscoie.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	ROXANN LOPEZ						
Address Line 1:	PERKINS COIE LLP						
Address Line 2:	P.O. BOX 1247						
Address Line 4:	SEATTLE, WASHINGTON 98111-1247						
ATTORNEY DOCKET NUMBER:	81786-8611.US01						
NAME OF SUBMITTER:	ROXANN LOPEZ						
Signature:	/Roxann Lopez/						
Date:	01/27/2014						
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif							

ASSIGNMENT

Dierk Reuter, a citizen of the United States and residing at 60 East 8<sup>th</sup> Street, Apt. 17B, New York, NY 10003; and Louis Menna a citizen of the United States and residing at 101 Morse Avenue, Rutherford, NJ 07070;

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

*UNIVERSAL INTERFACE TO A FINANCIAL TRADING SYSTEM*

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. 10/135,326, filed April 30, 2002

Whereas, Goldman, Sachs & Co having offices and doing business at One New York Plaza, New York, NY 10004 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.

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.

*[Handwritten signature]*

Dierk Reuter

State of New York )  
County of New York ) :ss

On this 22 day of August, 2002 before me appeared Dierk Reuter, 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.

*[Handwritten signature]*  
Notary Public

(OFFICIAL SEAL)

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/ 03

Louis Menna

State of )  
County of ) :ss

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002 before me appeared Louis Menna, 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

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.

\_\_\_\_\_  
Dierk Reuter

State of \_\_\_\_\_ )  
 ):ss  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2002 before me appeared Dierk Reuter, 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

\_\_\_\_\_  
Louis Menna

State of New York )  
County of New York ):ss  
 )

On this 18 day of July, 2002 before me appeared Louis Menna, 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

Janet A. Gardell  
Notary Public State of New York  
No. 01GA5041080 Qualified in Richmond County  
Certificate Filed in New York County  
Commission Expires 3/27/03

Janet A. Gardell  
Notary Public State of New York  
No. 01GA5041080 Qualified in Richmond County  
Certificate Filed in New York County  
Commission Expires 3/27/03