

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Andrew Hausman</td><td style="padding: 5px;">10/28/2005</td></tr> <tr><td style="padding: 5px;">Karen D. Tannenbaum</td><td style="padding: 5px;">01/27/2005</td></tr> <tr><td style="padding: 5px;">Paul B. Beatty Jr.</td><td style="padding: 5px;">05/13/2005</td></tr> <tr><td style="padding: 5px;">Lawrence C. Waldorf</td><td style="padding: 5px;">02/08/2005</td></tr> <tr><td style="padding: 5px;">Alan Dweck</td><td style="padding: 5px;">05/15/2005</td></tr> <tr><td style="padding: 5px;">Guy Mock</td><td style="padding: 5px;">01/27/2005</td></tr> <tr><td style="padding: 5px;">Richard A. L. Braham</td><td style="padding: 5px;">10/14/2008</td></tr> </tbody> </table>		Name	Execution Date	Andrew Hausman	10/28/2005	Karen D. Tannenbaum	01/27/2005	Paul B. Beatty Jr.	05/13/2005	Lawrence C. Waldorf	02/08/2005	Alan Dweck	05/15/2005	Guy Mock	01/27/2005	Richard A. L. Braham	10/14/2008
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RECEIVING PARTY DATA <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">Bloomberg L.P.</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">731 Lexington Avenue</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">New York</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">NEW YORK</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">10022</td></tr> </table>		Name:	Bloomberg L.P.	Street Address:	731 Lexington Avenue	City:	New York	State/Country:	NEW YORK	Postal Code:	10022						
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CORRESPONDENCE DATA <p style="margin-top: 10px;">Fax Number: (212)588-0500</p> <p style="margin-top: 5px;"><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p style="margin-top: 5px;">Phone: 2125880800</p> <p style="margin-top: 5px;">Email: sgraziano@flhlaw.com</p> <p style="margin-top: 5px;">Correspondent Name: Frommer Lawrence & Haug LLP</p> <p style="margin-top: 5px;">Address Line 1: 745 Fifth Avenue</p> <p style="margin-top: 5px;">Address Line 4: New York, NEW YORK 10151</p>																	

OP \$80.00 10928649

500691840

PATENT
REEL: 021767 FRAME: 0806

ATTORNEY DOCKET NUMBER:

336001-2017.2

NAME OF SUBMITTER:

Frank J. DeRosa

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we, Andrew Hausman, a citizen of the United States, residing in Summit, NJ; Karen D. Tannenbaum, a citizen of the United States, residing in New York, NY; Paul B. Beatty, Jr., a citizen of the United States, residing in Garden City, NY; Lawrence C. Waldorf, a citizen of the United States, residing in Staten Island, NY; Alan Dweck, a citizen of the United Kingdom, residing in Turramurra, Australia; Anish Malhotra, a citizen of the United Kingdom, residing in West Drayton, United Kingdom; Guy Mock, a citizen of the Netherlands, residing in Tokyo, Japan and Richard A.L. Braham, a citizen of the United Kingdom, residing in London, United Kingdom, (hereinafter, together with our respective heirs, executors, administrators and legal representatives referred to as "Assignors") have invented one or more inventions (hereinafter referred to as "said Invention(s)") disclosed in United States Patent Application Serial No. 10/611,517, entitled "COUNTERPARTY CREDIT LIMITS IN COMPUTERIZED TRADING" filed 30 June 2003 and disclosed in United States Patent Application Serial No. 10/928,649 entitled "COUNTERPARTY CREDIT LIMITS IN COMPUTERIZED TRADING" filed 26 August 2004, both filed in the United States Patent and Trademark Office (hereinafter referred to as "said Applications");

WHEREAS, Bloomberg LP (hereinafter together with its successors and assigns referred to as "Assignee"), a limited partnership organized and existing under the laws of Delaware, having a place of business at 499 Park Avenue, New York, New York 10022, is desirous of obtaining all right, title and interest in, to and under said invention(s) and said applications.

NOW, THEREFORE, for the sum of \$10.00 and other good and valuable consideration, including employment by Assignee, the receipt and sufficiency of which Assignors hereby acknowledge, Assignors have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to Assignee all of Assignors' right, title and interest in, to and under said invention(s) and said Applications, including (a) the right to apply for patents in the United States of America and in all foreign countries for said invention(s), (b) all applications for patents for said invention(s) or based on said Applications in all countries, now filed or to be filed, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said Applications, (c) all patents which may issue on said invention(s) and on any application transferred by this Assignment in the United States and foreign countries, and any and all reissues, extensions, divisions, renewals, substitutes, continuations or continuations-in-part of patents granted for said invention(s) or upon such Applications, for the full term or terms for which the patents may be issued, and (d) every priority right that is or may be predicated upon or arise from said invention(s), said Applications and such patents under any applicable international or bilateral treaty, agreement or convention. Assignors hereby authorize Assignee to file patent applications in all countries for any or all of said invention(s) in Assignors' name, or in Assignee's name, or otherwise as Assignee may deem advisable, under any international or bilateral treaty, agreement or convention, or otherwise.

Assignors hereby covenant and agree that Assignors will, upon reasonable request of Assignee, subject to Assignors' prior commitments, and without further consideration but at the expense of the Assignee, communicate any facts known to Assignors relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers required to effect the foregoing, and generally do all further acts which may be deemed necessary by Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

3524-76A CON

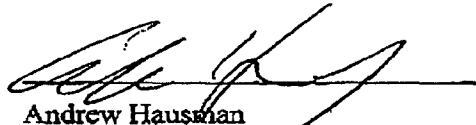
Assignee agrees to indemnify and defend Assignors from and against all claims, law suits, expenses, liabilities, awards, damages, judgments, sanctions, or losses ("Claims") which Assignee may incur or to which Assignors may become subject and which relate to or arise out of Assignee's use of the said invention(s). Assignee also agrees to reimburse Assignors for all expenses (including reasonable counsel fees) as they are incurred by Assignors in defending against or providing evidence relating to any such Claims; provided that Assignee shall have the exclusive right to select counsel to defend Assignors against any such Claims. Assignee shall have no indemnification or defense obligation to Assignors with respect to any action involving Assignors' breach of contract, bad faith, willful or reckless misconduct, or with respect to violation of any policy, procedure, or instruction, of Assignee, or to the extent that the Claims arise as a result of or relate to Assignors' conduct outside the ordinary course of any employment of Assignors by Assignee. Assignors hereby agree promptly to notify Assignee in the event Assignors receive actual notice of any such Claims. Assignors also agree to cooperate with Assignee in Assignee's defense against Claims by making himself / herself / themselves available at reasonable times and reasonable places to representatives of Assignee and/or Assignee's legal counsel.

This Assignment may be executed in several counterparts, each of which will be an original, but all of which, when taken together, will constitute one and the same instrument.

If any part of this Assignment shall be held by a court of competent jurisdiction to be void, invalid or inoperative, the remaining provisions of this Assignment shall not be affected and shall continue in effect, and the invalid provision shall be deemed modified to the least degree necessary to remedy such invalidity.

IN TESTIMONY WHEREOF, Assignors have executed this document on the date(s) indicated below.

Date: 10/28/05

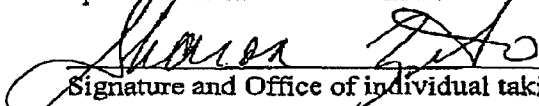

Andrew Hausman

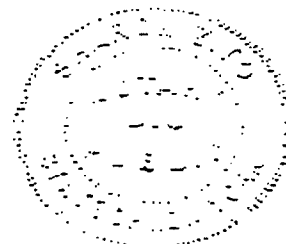
STATE OF New York
COUNTY OF Richmond


ss.:

SHARON ZITO
NOTARY PUBLIC, STATE OF NEW YORK
No. 01216117977
QUALIFIED IN RICHMOND COUNTY
MY COMMISSION EXPIRES NOV. 1, 2008

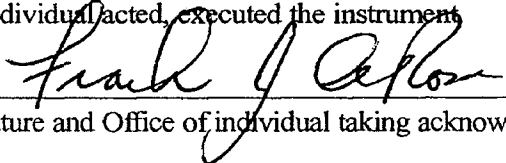
On Oct. 28, 2005, before me, the undersigned, personally appeared Andrew Hausman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.


Signature and Office of individual taking acknowledgment



Date: 1/27/05

 Karen D. Tannenbaum
STATE OF New York)COUNTY OF New York) ss.:

On January 27, 2005, before me, the undersigned, personally appeared Karen D. Tannenbaum, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.


 Signature and Office of individual taking acknowledgment

Frank J. De Rosa
 NOTARY PUBLIC, State of New York
 No. 31-4239730
 Qualified in New York County
 Commission Expires July 23 2006

Date: _____

Paul B. Beatty, Jr.

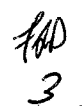
STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 20__, before me, the undersigned, personally appeared Paul B. Beatty, Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

 Signature and Office of individual taking acknowledgment


 3
 Page 4 of 6

BRMFS1 517257v1

PATENT
 REEL: 017784 FRAME: 0037

PATENT
 REEL: 021767 FRAME: 0810

Date: _____

Karen D. Tannenbaum

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 20____, before me, the undersigned, personally appeared Karen D. Tannenbaum, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

Date:

May 13, 2005

Paul B. Beatty, Jr.

STATE OF New York)


) ss.:

COUNTY OF New York)

On MAY 13, 2005, before me, the undersigned, personally appeared Paul B. Beatty, Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Paolo Ramundo

Signature and Office of individual taking acknowledgment


 Page 4 of 6

PAOLO A. RAMUNDO
 Notary Public, State of New York
 No. 02RA6029081
 Qualified in New York County
 Commission Expires August 09, 2005

BRMFS1 517257v1

PATENT
 REEL: 017784 FRAME: 0038

PATENT
 REEL: 021767 FRAME: 0811

Date: 2/8/05

Lawrence C. Waldorf
Lawrence C. Waldorf

STATE OF NEW YORK)

) ss.:

COUNTY OF NEW YORK)

LINDA R. ROBERSON
Notary Public, State Of New York
No. 01RO6021347
Qualified In Orange County
Commission Expires March 15, 2007

On February 8, 2005, before me, the undersigned, personally appeared Lawrence C. Waldorf, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Linda R. Roberson
Signature and Office of individual taking acknowledgment

Date: _____

Alan Dweck

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 20__, before me, the undersigned, personally appeared Alan Dweck, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment

4
Page 4 of 6

BRMFS1 517257v1

PATENT
REEL: 017784 FRAME: 0039

PATENT
REEL: 021767 FRAME: 0812

3524-76A CON

Date: _____

Lawrence C. Waldorf

STATE OF _____)

ss.: _____)

COUNTY OF _____)

On _____, 20____, before me, the undersigned, personally appeared Lawrence C. Waldorf, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgmentDate: 15th May 2005_____
Alan DweckSTATE OF _____)
New South Wales, Australia

ss.: _____)

COUNTY OF _____)

On 15th May, 2005 before me, the undersigned, personally appeared Alan Dweck, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgmentJOHN DAVE BLOOMBERG SALESPage 4
Page 4 of 6

BRMFS1 517257v1

3524-76A CON

Date: _____

Anish Malhotra

STATE OF _____)

) ss.:

COUNTY OF _____)

On _____, 20__, before me, the undersigned, personally appeared Anish Malhotra personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgmentDate: Jan 27, 2005

Guy Mock

STATE OF _____)


) ss.:

COUNTY OF _____)

On _____, 20__, before me, the undersigned, personally appeared Guy Mock, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment
5
Page 5 of 6

BRMFS1 517257v1

Date: 14/10/2008.
Richard A. L. BrahamSTATE OF London, United Kingdom
) ss.:
COUNTY OF _____

On 14th October, 2008, before me, the undersigned, personally appeared Richard A. L. Braham, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he or she executed the same in his capacity, and that by his or her signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Signature and Office of individual taking acknowledgment