

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Max B. Christoff</td> <td>01/13/2007</td> </tr> <tr> <td>Denis Khodak</td> <td>11/27/2006</td> </tr> <tr> <td>Eden Kidner</td> <td>11/03/2006</td> </tr> <tr> <td>Julianne C. Sharer</td> <td>01/03/2007</td> </tr> <tr> <td>Sharada Balasubramanyam</td> <td>11/09/2006</td> </tr> <tr> <td>Stephen Sparkes</td> <td>11/17/2006</td> </tr> </tbody> </table>		Name	Execution Date	Max B. Christoff	01/13/2007	Denis Khodak	11/27/2006	Eden Kidner	11/03/2006	Julianne C. Sharer	01/03/2007	Sharada Balasubramanyam	11/09/2006	Stephen Sparkes	11/17/2006
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Stephen Sparkes	11/17/2006														
RECEIVING PARTY DATA															
Name:	Morgan Stanley														
Street Address:	1585 Broadway														
City:	New York														
State/Country:	NEW YORK														
Postal Code:	10036														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11528496</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11528496										
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Application Number:	11528496														
CORRESPONDENCE DATA															
Fax Number:	(412)355-6501														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	412 355-6282														
Email:	patents@klng.com														
Correspondent Name:	Brian T. Geisler														
Address Line 1:	535 Smithfield Street														
Address Line 2:	Henry W. Oliver Building														
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222-2312														
ATTORNEY DOCKET NUMBER:	050636														

CH \$40.00 11528496

NAME OF SUBMITTER:

Brian T. Geisler

Total Attachments: 30

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Max Christoff residing at 957 The Alameda, Berklev, CA 94707, a citizen of the USA;

Denis Khodak residing at 270 Luis Marin Blvd., Apt. 16K, Jersey City, NJ 07032, citizen of Ukraine

Eden Kidner residing at 1009 Willow Avenue, Apt. 4L, Hoboken, NJ 07030, a citizen of Great Britain;

Julianne Sharer residing at 214 Westwood Road, Stamford, CT 06902, citizen of the USA

Sharada Balasubramanyam residing at 17 Peppermint Hill Road, North Brunswick, NJ 08902, a citizen of India;

Stephen Sparkes residing at 682 Sixth Avenue, #3, New York, NY 10010, citizen of Great Britain
(hereinafter referred to as ASSIGNORS), have made an invention or discovery entitled:

RULE-BASED ELECTRONIC MESSAGE PROCESSING

for which application for Letters Patent of the United States has been filed on September 27, 2006 under Serial No. 11/528,496, and under Provisional Application Serial No. 60/721,224 filed on September 27, 2005, and

WHEREAS:

Morgan Stanley with an office at 1585 Broadway, New York, New York 10036 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to each of ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: [Handwritten Signature] JAN 13 2007
Name Date

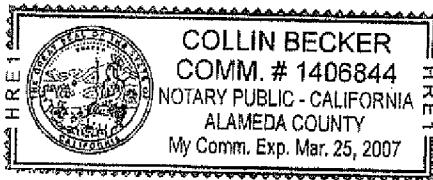
Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF CA
COUNTY OF Alameda ss.:

On this 13 day of January, 2007, before me, the undersigned authority, personally appeared Max B. Christoff, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public [Handwritten Signature]



IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Julianne C. Sharer
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Sharada _____ Balasubramanyam
First Name - Middle Initial Last Name

Citizenship: India

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

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Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Max Christoff residing at 957 The Alameda, Berkley, CA 94707, a citizen of the USA;

Denis Khodak residing at 270 Luis Marin Blvd., Apt. 16K, Jersey City, NJ 07032, citizen of Ukraine

Eden Kidner residing at 1009 Willow Avenue, Apt. 4L, Hoboken, NJ 07030, a citizen of Great Britain;

Julianne Sharer residing at 214 Westwood Road, Stamford, CT 06902, citizen of the USA

Sharada Balasubramanyam residing at 17 Peppermint Hill Road, North Brunswick, NJ 08902, a citizen of India;

Stephen Sparkes residing at 682 Sixth Avenue, #3, New York, NY 10010, citizen of Great Britain
(hereinafter referred to as ASSIGNORS), have made an invention or discovery entitled:

RULE-BASED ELECTRONIC MESSAGE PROCESSING

for which application for Letters Patent of the United States has been filed on September 27, 2006 under Serial No. 11/528,496, and under Provisional Application Serial No. 60/721,224 filed on September 27, 2005, and

WHEREAS:

Morgan Stanley with an office at 1585 Broadway, New York, New York 10036 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to each of ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: *[Signature]* / 11/27/2006
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:
COUNTY OF)
7th

On this 27th day of November, 2006, before me, the undersigned authority, personally appeared Dennis Khodak, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

[Signature] **HYACINTH PHILLIPS**
Notary Public, State of New York
No. 01PH5084326
Qualified in New York County
Commission Expires September 2, 2009

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

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Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Julianne C. Sharer
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

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Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Sharada _____ Balasubramanyam
First Name Middle Initial Last Name

Citizenship: India

STATE OF)
ss.:
COUNTY OF)

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Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

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WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:)
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: Eden Kidner 3rd Nov 2006
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF NY)
ss.:)
COUNTY OF NY)

On this 3rd day of NOVEMBER, before me, the undersigned authority, personally appeared EDEN KIDNER, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Elyce B. Nicosia
Notary Public

ELYCE B. NICOSIA
Notary Public, State of New York
No. 01N16003887
Qualified in NY
Commission Expires 3-9-2010

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Julianne C. Sharer
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Sharada Balasubramanyam
First Name Middle Initial Last Name

Citizenship: India

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Max Christoff residing at 957 The Alameda, Berkley, CA 94707, a citizen of the USA;

Denis Khodak residing at 270 Luis Marin Blvd., Apt. 16K, Jersey City, NJ 07032, citizen of Ukraine

Eden Kidner residing at 1009 Willow Avenue, Apt. 4L, Hoboken, NJ 07030, a citizen of Great Britain;

Julianne Sharer residing at 214 Westwood Road, Stamford, CT 06902, citizen of the USA

Sharada Balasubramanyam residing at 17 Peppermint Hill Road, North Brunswick, NJ 08902, a citizen of India;

Stephen Sparkes residing at 682 Sixth Avenue, #3, New York, NY 10010, citizen of Great Britain
(hereinafter referred to as ASSIGNORS), have made an invention or discovery entitled:

RULE-BASED ELECTRONIC MESSAGE PROCESSING

for which application for Letters Patent of the United States has been filed on September 27, 2006 under Serial No. 11/528,496, and under Provisional Application Serial No. 60/721,224 filed on September 27, 2005, and

WHEREAS:

Morgan Stanley with an office at 1585 Broadway, New York, New York 10036 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to each of ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: Julianne Sharer Name Jan 3 2007 Date

Assignor's Typed Name: Julianne First Name C. Middle Initial Sharer Last Name

Citizenship: USA

STATE OF NEW YORK
COUNTY OF WESTCHESTER

On this 3RD day of JANUARY, 2007, before me, the undersigned authority, personally appeared JULIANNE C. SHARER, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Linda A. Roggiero
Notary Public
LINDA A. ROGGIERO
NOTARY PUBLIC, State of New York
No. 01RO6026828
Qualified in Westchester County
Commission Expires June 21, 2007

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____ Name _____ Date _____

Assignor's Typed Name: Sharada First Name _____ Middle Initial _____ Balasubramanyam Last Name

Citizenship: India

STATE OF)
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Max Christoff residing at 957 The Alameda, Berkley, CA 94707, a citizen of the USA;

Denis Khodak residing at 270 Luis Marin Blvd., Apt. 16K, Jersey City, NJ 07032, citizen of Ukraine

Eden Kidner residing at 1009 Willow Avenue, Apt. 4L, Hoboken, NJ 07030, a citizen of Great Britain;

Julianne Sharer residing at 214 Westwood Road, Stamford, CT 06902, citizen of the USA

Sharada Balasubramanyam residing at 17 Peppermint Hill Road, North Brunswick, NJ 08902, a citizen of India;

Stephen Sparkes residing at 682 Sixth Avenue, #3, New York, NY 10010, citizen of Great Britain
(hereinafter referred to as ASSIGNORS), have made an invention or discovery entitled:

RULE-BASED ELECTRONIC MESSAGE PROCESSING

for which application for Letters Patent of the United States has been filed on September 27, 2006 under Serial No. 11/528,496, and under Provisional Application Serial No. 60/721,224 filed on September 27, 2005, and

WHEREAS:

Morgan Stanley with an office at 1585 Broadway, New York, New York 10036 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to each of ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or re filings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Julianne C. Sharer
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: [Signature] 11/09/06
Name Date

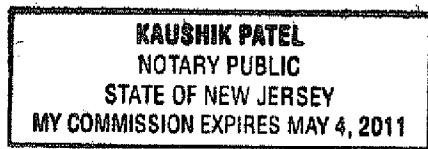
Assignor's Typed Name: Sharada Balasubramanyam
First Name Middle Initial Last Name

Citizenship: India

STATE OF NJ)
ss.:
COUNTY OF MIDDLESSEX

On this 9th day of November, 2006, before me, the undersigned authority, personally appeared Sharada Balasubramanyam, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

[Signature]
Notary Public



IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Max Christoff residing at 957 The Alameda, Berkley, CA 94707, a citizen of the USA;

Denis Khodak residing at 270 Luis Marin Blvd., Apt. 16K, Jersey City, NJ 07032, citizen of Ukraine

Eden Kidner residing at 1009 Willow Avenue, Apt. 4L, Hoboken, NJ 07030, a citizen of Great Britain;

Julianne Sharer residing at 214 Westwood Road, Stamford, CT 06902, citizen of the USA

Sharada Balasubramanyam residing at 17 Peppermint Hill Road, North Brunswick, NJ 08902, a citizen of India;

Stephen Sparkes residing at 682 Sixth Avenue, #3, New York, NY 10010, citizen of Great Britain
(hereinafter referred to as ASSIGNORS), have made an invention or discovery entitled:

RULE-BASED ELECTRONIC MESSAGE PROCESSING

for which application for Letters Patent of the United States has been filed on September 27, 2006 under Serial No. 11/528,496, and under Provisional Application Serial No. 60/721,224 filed on September 27, 2005, and

WHEREAS:

Morgan Stanley with an office at 1585 Broadway, New York, New York 10036 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to each of ASSIGNORS of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

WE, SAID ASSIGNORS, hereby authorize and request the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE, SAID ASSIGNORS, hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that we have not executed and will not execute any agreement in conflict herewith;

AND WE, SAID ASSIGNORS, hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND WE, SAID ASSIGNORS, hereby further covenant that we will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, we will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Max B. Christoff
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Denis Khodak
First Name Middle Initial Last Name

Citizenship: Ukraine

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Eden Kidner
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Julianne C. Sharer
First Name Middle Initial Last Name

Citizenship: USA

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: _____
Name Date

Assignor's Typed Name: Sharada Balasubramanyam
First Name Middle Initial Last Name

Citizenship: India

STATE OF)
 ss.:
COUNTY OF)

On this _____ day of _____, before me, the undersigned authority, personally appeared _____, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Notary Public

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: Stephen Sparkes 11/17/06
Name Date

Assignor's Typed Name: Stephen M. Sparkes
First Name Middle Initial Last Name

Citizenship: Great Britain

STATE OF)
ss.:
COUNTY OF)

On this 17th day of NOV, 2006, before me, the undersigned authority, personally appeared before me, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/she executed the same as his/her own voluntary act and deed.

Rita Mancini
Notary Public

