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12-16-2005

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103138206

Attorney Docket No. 119630

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:  
(1) Harlan A. HURWITZ  
(2) James H. HALPIN  
(3) Robert M. PICKLES, JR.  
(4) Daniel WOBSE  
(5) Corneliu C. CHIRNOAGA  
(6) Steven ANTONELLI  
(7) Darren TAYLOR

B. Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party:

DE LA RUE INTERNATIONAL, LIMITED  
DE LA RUE HOUSE, JAYS CLOSE  
VIABLES, BASINGSTOKE  
HAMPSHIRE, RG22 4BS  
UNITED KINGDOM

B. Additional name(s) & address(es) attached?  
☐ Yes ☒ No

3. A. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: (1) September 9, 2005; (2) July 25, 2005; (3) November 15, 2005; (4) December 7, 2005; (5) July 23, 2005; (6) August 21, 2005 and (7) June 7, 2005

4. A. Patent Application No.(s) 11/117,563

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: METHOD AND COMPUTER PROGRAM PRODUCT FOR ELECTRONICALLY MANAGING PAYMENT MEDIA

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, VA 22320**  
**Phone Number: 703-836-6400**  
**Fax Number: 703-836-2787**

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 173989)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. 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.

James A. Oliff

Registration No. 27,075

Mario A. Costantino

Registration No. 33,565

Date: December 12, 2005

Total number of pages including cover sheet, attachments, and document: 8

12/15/2005 ECOOPER 00000029 11117563

01 FC:0021

40.00 DP

PATENT  
REEL: 017348 FRAME: 0075

# WORLDWIDE ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) <u>Harlan A. HURWITZ</u>	(5) <u>Corneliu C. CHIRNOAGA</u>
(2) <u>James H. HALPIN</u>	(6) <u>Mark LADWIG</u>
(3) <u>Robert M. PICKLES, Jr.</u>	(7) <u>Steven ANTONELLI</u>
(4) <u>Daniel WOBSE</u>	(8) <u>Darren TAYLOR</u>

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(9) Insert Name of Assignee  
(10) Insert Address of Assignee

(9) <u>DE LA RUE INTERNATIONAL, LIMITED</u>
(10) <u>DE LA RUE HOUSE, JAYS CLOSE</u> <u>VIABLES, BASINGSTOKE</u> <u>HAMPSHIRE, RG22 4BS UNITED KINGDOM</u>

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries: in the invention; in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the U.S. and in all other countries on the invention, known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number

(11) METHOD AND COMPUTER PROGRAM PRODUCT FOR ELECTRONICALLY  
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(Attorney Docket No. 119630 ).

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application

(12) on \_\_\_\_\_

(13) Alternative Identification for filed applications

(13) U.S. Application Serial Number 11/117,563  
filed April 29, 2005

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>9/9/05</u>	Inventor Signature <u>[Signature]</u> (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)

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Date <u>9/9/05</u>	Witness <u>[Signature]</u>
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REEL: 017348 FRAME: 0076

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(9) Insert Name of Assignee	(9) <u>DE LA RUE INTERNATIONAL, LIMITED</u>
(10) Insert Address of Assignee	(10) <u>DE LA RUE HOUSE, JAYS CLOSE</u> <u>VIABLES, BASINGSTOKE</u> <u>HAMPSHIRE, RG22 4BS UNITED KINGDOM</u>

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(11) Insert Identification, such as Title, Case Number or Foreign Application Number	(11) <u>METHOD AND COMPUTER PROGRAM PRODUCT FOR ELECTRONICALLY</u> <u>MANAGING PAYMENT MEDIA</u>
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Inventor Signature _____ (SEAL)
X Date <u>7/25/05</u>	Inventor Signature <u>255405</u> _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>7/25/05</u>	Witness <u>[Signature]</u>
Date <u>7/25/05</u>	Witness <u>[Signature]</u>

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(1-8) **Insert Name(s) of Inventor(s)**

(1) <u>Harlan A. HURWITZ</u>	(5) <u>Corneliu C. CHIRNOAGA</u>
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 (10) **Insert Address of Assignee**

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 (10) DE LA RUE HOUSE, JAYS CLOSE  
VIABLES, BASINGSTOKE  
HAMPSHIRE, RG22 4BS UNITED KINGDOM

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Date <u>11-15-2005</u>	Inventor Signature <u>[Signature]</u> (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
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Date _____	Witness _____
Date _____	Witness _____

(1-4) Inventor Name(s) of Inventor(s)

(1) Harlan A. HURWITZ (5) Connelly C. CHERNOAGA

(2) James H. HALPIN (6) Mark LADWIG

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(10) Insert Address of Assignee

(10) DE LA RUE HOUSE, JAY'S CLOSE  
VIABLES, BASINGSTOKE  
HAMPSHIRE, RG22 4BS UNITED KINGDOM

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(12) Insert Date of Signing of Application

(13) Alternative Identification for filed applications

(13) U.S. Application Serial Number 11/17363

Filed April 29, 2005

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Date	<u>12/7/05</u>	Inventor Signature	<u>[Signature]</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

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Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date <u>7/23/2005</u>	Inventor Signature <u>[Signature]</u> (SEAL)
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Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
X Date <u>8/21/05</u>	Inventor Signature <u>[Signature]</u> (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>8/24/05</u>	Witness <u>[Signature]</u>
Date <u>8/21/05</u>	Witness <u>[Signature]</u>

# WORLDWIDE ASSIGNMENT

(1-8) **Insert Name(s) of Inventor(s)**

(1) <u>Harlan A. HURWITZ</u>	(5) <u>Corneliu C. CHIRNOAGA</u>
(2) <u>James H. HALPIN</u>	(6) <u>Mark LADWIG</u>
(3) <u>Robert M. PICKLES, Jr.</u>	(7) <u>Steven ANTONELLI</u>
(4) <u>Daniel WOBSE</u>	(8) <u>Darren TAYLOR</u>

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) **Insert Name of Assignee** (9) DE LA RUE INTERNATIONAL, LIMITED

(10) **Insert Address of Assignee** (10) DE LA RUE HOUSE, JAYS CLOSE  
VIABLES, BASINGSTOKE  
HAMPSHIRE, RG22 4BS UNITED KINGDOM

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100 and for all other countries: in the invention; in all applications for patent or similar rights on the invention, said applications including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and in all grants, such as Letters Patent, certificates, utility models, confirmations, extensions, reissues and reexamination certificates that may be granted in the U.S. and in all other countries on the invention, known as

(11) **Insert Identification, such as Title, Case Number or Foreign Application Number** (11) METHOD AND COMPUTER PROGRAM PRODUCT FOR ELECTRONICALLY  
MANAGING PAYMENT MEDIA

(Attorney Docket No. 119630 ).  
 for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) **Insert Date of Signing of Application** (12) on \_\_\_\_\_

(13) **Alternative Identification for filed applications** (13) U.S. Application Serial Number 11/117,563  
 filed April 29, 2005

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or grant for the invention and also to execute separate assignments in connection with such applications and grants as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or grant for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.


3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm a valid grant to the Assignee in the United States and any other country in which the Assignee may file a patent application(s).

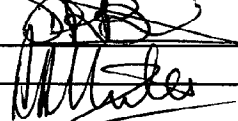
5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all grants resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>6/7/05</u>	Inventor Signature <u></u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>9.7.05</u>	Witness <u></u>	I Baswold
Date <u>7.7.2005</u>	Witness _____	PAUL D. MILES