

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ronald L. Rivest	12/21/2004
Silvio Micali	01/11/2005
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12579313
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<b>Total Attachments: 3</b> source=Assign3#page1.tif source=Assign3#page2.tif source=Assign3#page3.tif	

CH \$40.00 12579313

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**PATENT**  
**REEL: 026220 FRAME: 0482**

Attorney Docket No. PEPL-114  
(67065-018)

**ASSIGNMENT OF PATENT RIGHTS**

We, Ronald L. Rivest, at 41 Academy Street, Arlington, Massachusetts 02476, U.S.A.; and Silvio Micali at 459 Chestnut Hill Avenue, Brookline, Massachusetts 02146, U.S.A. for good and valuable consideration paid to us by

**MASSACHUSETTS INSTITUTE OF TECHNOLOGY**

a Massachusetts Corporation having a principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, U.S.A., the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

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its successors and assigns, our entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in certain inventions or improvements in

**METHOD AND SYSTEM FOR MICROPAYMENT TRANSACTIONS**

described in the patent applications identified on Exhibit A attached hereto and all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or any nonprovisional, divisional, continuing, reissue or other applications based in whole or in part on said application(s).

And we agree for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

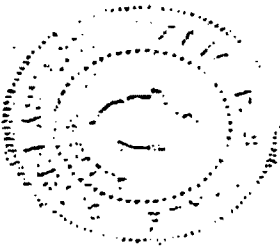
Attorney Docket No. PEPL-114  
(67065-018)

WITNESS my hand and seal this 21 day of December, 2004.

Ronald L. Rivest  
Ronald L. Rivest

Commonwealth of Massachusetts )  
County of MIDDLESEX ) ss

Then personally appeared the above named Ronald L. Rivest and acknowledged the foregoing instrument to be his free act and deed, before me, this 21 day of DECEMBER, 2004.



Maria T. Sensale  
Notary Public  
My commission expires: February 27, 2009  
Seal

WITNESS my hand and seal this 11th day of January, 2005.

Silvio Micali  
Silvio Micali

Commonwealth of Massachusetts )  
County of MIDDLESEX ) ss

Then personally appeared the above named Silvio Micali and acknowledged the foregoing instrument to be his free act and deed, before me, this 11th day of January, 2005.

Maria T. Sensale  
Notary Public  
My commission expires:  
Seal Maria T. Sensale  
Notary Public  
My Commission Expires:  
February 27, 2009

Attorney Docket: PEPL-114 (67065-018)  
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RST99 1407614-3.067065.0018

Attorney Docket No. PEPL-114  
(67065-018)

EXHIBIT A

PCT International Patent Application No. PCT/US02/12189, filed April 17, 2002

U.S. Patent Application No. 10/476,128 with International filing date April 17, 2002

Australian Patent Application No. 2002254649 with International filing date April 17, 2002

Canadian Patent Application No. 2445573 with International filing date April 17, 2002

Chinese Patent Application No. 02812937.7 with International filing date April 17, 2002

European Patent Application No. 02723888.0 with International filing date April 17, 2002

Indian Patent Application No. 694CHENP2003 with International filing date April 17, 2002

Japanese Patent Application No. 2002-586109 with International filing date April 17, 2002