505122290 10/02/2018

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SILVIO MICALI	10/01/2018
RONALD RIVEST	09/28/2018

RECEIVING PARTY DATA

Name:	SILVIO MICALI
Street Address:	459 CHESTNUT HILL AVENUE
City:	BROOKLINE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8983874

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MIM-8983874, ASSIGNNENT	
NAME OF SUBMITTER: DONALD W. MUIRHEAD		
SIGNATURE:	/Donald W. Muirhead/	
DATE SIGNED:	10/02/2018	

Total Attachments: 2

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PATENT 505122290 REEL: 047037 FRAME: 0550

ASSIGNMENT

WHEREAS, **Dr. Silvio Micali and Dr. Ronald Rivest**, ("ASSIGNORS") are the owner of U.S. patent No. 8,983,874 (PATENT); and have full right to convey their entire interest both legal and equitable in and to the PATENT, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **Dr. Silvio Micali** ("ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the PATENT;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNORS, the undersigned do hereby sell, assign, transfer and set over unto the ASSIGNEE, and his successors and assigns, the entire right, title and interest throughout the world in and to the PATENT, including the right to sue for past infringement, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, the undersigned agree that the attorney of reco	ord shall hereinafter act on
behalf of the ASSIGNEE.	(Date) Oct 1, 2010
Dr. Silvio Micali	
Dr. Ronald Rivest	(Date)

PATENT REEL: 047037 FRAME: 0551

ASSIGNMENT

WHEREAS, **Dr. Silvio Micali and Dr. Ronald Rivest**, ("ASSIGNORS") are the owner of U.S. patent No. 8,983,874 (PATENT); and have full right to convey their entire interest both legal and equitable in and to the PATENT, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **Dr. Silvio Micali** ("ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the PATENT;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNORS, the undersigned do hereby sell, assign, transfer and set over unto the ASSIGNEE, and his successors and assigns, the entire right, title and interest throughout the world in and to the PATENT, including the right to sue for past infringement, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, the undersigned agree that the attorney of record shall hereinafter act on behalf of the ASSIGNEE.

•	(Date)
Dr. Silvio Micali	(Dute)
Ronald L. Rivet	(Date) 9/28/18
Dr. Ronald Rivest	

PATENT REEL: 047037 FRAME: 0552

RECORDED: 10/02/2018