

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Sampath Kannan	12/14/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Frederick S. M. Herz
Street Address:	1309 Smith Street
City:	Milton
State/Country:	WEST VIRGINIA
Postal Code:	25541
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	7454020
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ATTORNEY DOCKET NUMBER:	REFH-0167
NAME OF SUBMITTER:	Gina Clausz
Total Attachments: 2 source=executedassignment#page1.tif source=executedassignment#page2.tif	

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**PATENT**  
**REEL: 023668 FRAME: 0193**

DOCKET NO.: REFH-0167

PATENT  
Joint Inventors  
(Issued Patent)

ASSIGNMENT

WHEREAS, I, Sampath Kannan, hereinafter referred to as the assignor, residing at 1107 Spruce Street, Philadelphia, Pennsylvania 19107, am a joint inventor of certain inventions or improvements for which I have made joint application for Letters Patent to the United States, identified as Case No. REFH-0167, entitled System and Method for Encrypting Data in Pictorial Data, Application No. 10/421,609 filed 04/22/03, which has now issued as U.S. Letters Patent No. 7,454,020; and

WHEREAS, Frederick S. M. Herz, hereinafter referred to as the assignee, of 1309 Smith Street, Milton, WV 25541 is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under U.S. Letters Patent No. 7,454,020, and in, to and under any and all additional Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of all said Letters Patents, including the full right to sue for and collect damages for past infringement of the same and for violations of provisional rights having arisen from any published application for any of the aforesaid Letters Patents. I further assign to and authorize said assignee to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and

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PATENT  
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enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said assignee, its successors, assigns, nominees or legal representatives.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, I hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

12/14/09  
Date

Sampath Kannan (L.S.)  
Sampath Kannan

STATE OF Virginia :  
COUNTY OF Dorchester : SS

On this 14 day of December, year of 2009, before me personally came the above named Sampath Kannan to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



#7248728

EXP-02/20/13

Matthew Strickland  
Notary Public  
MATTHEW STRICKLAND