Form PTO 1595 (Rev. 07/05) OMB 40.005 2002 (exp. 6/30/2008) U.S. DEPARTMENT OF COMMERCE 09-25-2007 United States Patent and Trademark Office ΞT 1 9 2007 103447842 To the Director the U.S. Patent ε documents or the new address(es) below. Name of conveying party(ies) 2. Name and address of receiving party(ies) Farshid Delgosha Name: Georgia Tech Research Corporation Faramarz Fekri Internal Address: Additional name(s) of conveying party(ies) attached? ___Yes ⊻ No 3. Nature of conveyance/Execution Date(s): Street Address: 505 Tenth Street, NW Execution Date(s) 8/14/2007, 8/23/2007 ✓ Assignment Merger City: Atlanta Security Agreement Change of Name Joint Research Agreement State: GA Government Interest Assignment Country: US Zip:30332-0415 Executive Order 9424, Confirmatory License Other_ Additional name(s) & address(es) attached? Yes V No 4. Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) A. Patent Application No.(s) 11/825,756 Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved:_1_ Name: Law Offices of Kenneth W. Float 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 Internal Address: Authorized to be charged by credit card ✓ Authorized to be charged to deposit account Enclosed Street Address: 2095 Hwy, 211, NW, #2F None required (government interest not affecting title) 8. Payment Information City: Braselton a, Credit Card Last 4 Numbers Zip:30517 State: GA Expiration Date ____ Phone Number: (949) 257-7964 b. Deposit Account Number 502064 Fax Number: Authorized User Name Kimberly A. Dunn **Email Address:** 9. Signature: 9/17/2007 Signature Date Total number of pages including cover Kenneth W. Float sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09/24/2007 DBYRNE 00000044 502064 11825756 01 FC:8021 40.00 DA

ASSIGNMENT OF UTILITY PATENT APPLICATION

Address

WHEREAS, the following parties:

Name

Farshio	l Delgosha	326004 Georgia Tech Station,	Atlanta, GA 30332
Faramarz Fekri		115 Smithdun Lane, Atlanta, GA 30350	
("invention(s)"		R, has/have invented certain new forth in the below-identified ut	<u> </u>
"ASYMMETRIC CRYPTOSYSTEM EMPLOYING PARAUNITARY MATRICES",			
which was:			
USPTO on _	executed on even date herewith, filed with the United States Patent and Trademark Office (USPTO) on July 8, 2007, and assigned Serial No. 11/825,756, and further described in U.S. Provisional application entitled, filed with the, and assigned Serial No		
Note:	Only one of the first tweeched, only if approp	vo checkboxes will be checked. priate.	The third checkbox will be
Georgia Instit hereinafter refersaid invention(ute of Technology, arred to as ASSIGNEE	desearch Corporation, having a 505 Tenth Street, NW, Atlands, is desirous of acquiring ASSIC tion, said provisional application	nta, Georgia 30332-0415, GNOR'S interest in and to

PATENT REEL: 020013 FRAME: 0006 NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation in part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

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Docket No. 3131
Page 3 of 4
(Patent Assignment)

Date: 08/14/2007

United States of America

State of GEORGIA County of FULTON

On this day of day of 3, 20 07, before me personally came Farshid Delgosha to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Notary Public

My Commission Expires (Date)

Notary Public, Fulton County My Commission Expires December 3, 2010

> PATENT REEL: 020013 FRAME: 0008

Docket No. 3131 Page 4 of 4 (Patent Assignment)

Faramarz Fekri

Date: Aug. 23,07

United States of America

State of GEORGIA County of FULTON

On this <u>33</u> day of <u>Jugust</u>, 20<u>07</u>, before me personally came **Faramarz Fekri** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Notary Public

My Commission Expires (Date)

Notary Public, Fulton County My Commission Expires December 3, 2010

> PATENT REEL: 020013 FRAME: 0009

RECORDED: 09/19/2007