

OMB No. 0651-0027 (exp. 5/31/2002)



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102437064

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 4-25-03  
 Seyed-Ali Hajimiri and Behnam Analui

Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies)  
 Name: California Institute of Technology  
 Internal Address: 1200 East California Boulevard  
Pasadena, California 91125

J1040 U.S. PTO  
 10/423376  
 04/25/03

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: April 24 & 25, 2003

Street Address: 1200 East California Boulevard  
 City: Pasadena State: TX Zip: 91125

Additional name(s) & address(es) attached?  
 Yes  No

4. Application number(s) or patent number(s): 10423378

If this document is being filed together with a new application, the execution date of the application is: April 24 & 25, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Christopher J. Rourk  
 Internal Address: \_\_\_\_\_  
Akin, Gump, Strauss, Hauer & Feld, L.L.P.  
 Street Address: P.O. Box 688  
 City: Dallas State: TX ZIP: 75313-0688

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
01-0657  
 (Attach duplicate copy of this page if paying by deposit account)

05/01/2003 BRYNE 00000032 10423378

01 EC:8021 40.00 DP

DO NOT USE THIS SPACE

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.

Christopher J. Rourk \_\_\_\_\_  
 Name of Person Signing Signature  
 Reg. No. 39,348

4/25/2003  
Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:  
 Assistant Commissioner for Patents, Box Assignment  
 Washington, D.C. 20231

Attorney Docket No.  
121744/0051 B77365 (CIT 3643)

### ASSIGNMENT

WHEREAS, WE, Seyed-Ali Hajimiri and Behnam Analui, Citizens of Iran; and residing at the addresses as stated below, respectively, have jointly made an invention entitled "**SYSTEM AND METHOD FOR CLOCKLESS DATA RECOVERY**" for which we have filed a utility application for United States Letters Patent on April 25, 2003, 2003; and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known:

Filed: April 25, 2003 Serial No.: \_\_\_\_\_

WHEREAS, we represent and warrant that we are the joint owners of said invention and application for Letters Patent;

WHEREAS, California Institute of Technology (hereinafter referred to as ASSIGNEE), having a place of business at 1200 East California Boulevard, Pasadena, California 91125, is desirous of acquiring the same;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and worldwide rights therein; (b) said application, including all divisions, continuations and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said invention in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including the Paris Convention for the Protection of Industrial Property for such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment not been made.

We jointly and severally covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We jointly and severally represent and covenant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent application has been or will be made or entered into which would conflict with this assignment and sale.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent based on said application and each division, continuation, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns.

Each of the undersigned further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the date as indicated next to our names.

Date: April 25, 2003

*Alic Haj*

First Joint Inventor: Seyed-Ali Hajimiri

Residence Address:  
425 San Palo Place  
Pasadena, California 91107  
Citizen of Iran

State of California )  
County of Los Angeles ) ss.

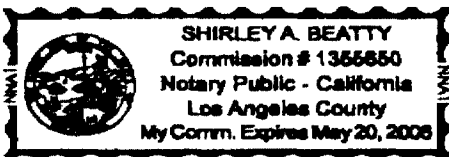
Before me, the undersigned Notary Public, on this day personally appeared Seyed-Ali Hajimiri, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 25<sup>th</sup> day of April, 2003.

*Shirley A. Beatty*

Notary Public

My Commission Expires: May 20, 2006



Date: April 24, 2003

B. Analui

Second Joint Inventor: Behnam (NMI) Analui

Residence Address:  
430 South Catalina Ave. #203  
Pasadena, California 91106  
Citizen of Iran

State of California )  
County of Los Angeles ) ss.

Before me, the undersigned Notary Public, on this day personally appeared Behnam Analui, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 24<sup>th</sup> day of April, 2003.

Shirley A. Beatty

Notary Public  
My Commission Expires: May 20, 2006

