

ATTY. DOCKET: 95E144

FORM PTO-1619A
Expires 09/26/99
OMB 0661-0027

12-28-1999



U.S. Department of Commerce
Patent and Trademark Office
PATENT

COVER SHEET

MAILED 12-13-99

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TO: The Commissioner of Patents and Trademarks: Please record the original document(s) or copy(ies).

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Correction of PTO Error

Reel # _____ Frame # _____

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Reel # 9203 Frame # 0905

Conveyance Type

Assignment

License

Merger

Security Agreement

Change of Name

Other _____

U.S. Government
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Departmental File Secret File

Conveying Party(ies) Mark if additional names of conveying parties attached

Name (line 1) **Nobakht, Ramin A.** Execution Date: Month **02** Day **09** Year **1998**

Name (line 2) _____

Second Party

Name (line 1) _____ Execution Date: Month _____ Day _____ Year _____

Name (line 2) _____

Receiving Party Mark if additional names of receiving parties attached

Name (line 1) **Rockwell Science Center, Inc.**

Name (line 2) _____

Address (line 1) **1049 Camino dos Rios**

Address (line 2) _____

Address (line 3) **Thousand Oaks** **California** **91368**
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

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Address (line 4) _____

12/27/1999 BNUYEN 00000183 00000271

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

044368.0139 AUSTIN 134679 v1

PATENT
REEL: 010454 FRAME: 0298

Correspondent Name and Address **Area Code and Telephone Number** (512) 499-6200

Name Shayne X. Short, Ph.D.

Address (line 1) Akin, Gump, Strauss, Hauer & Feld, L.L.P.

Address (line 2) 816 Congress Avenue, Suite 1900

Address (line 3) Austin, Texas 78701

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments # 3

Application Number(s) or Patent Number(s) Mark if additional numbers attached
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
08/884,271					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number only if a U.S. Application Number has not been assigned.
PCT PCT PCT
PCT PCT PCT

Number of Properties Enter the total number of properties involved. # 1

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00
Method of Payment: Enclosed Deposit Account
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: # 01-0660
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.
Shayne X. Short, Ph.D. (45,105) Shayne X. Short December 8, 1999
Name of Person Signing **Signature** **Date**

66-04-1998



100728200

Docket No. 98E144

APR 27 1998



To the Honorable Commissioner of Patents and Trademarks. Please record the attached document.

1. Name of conveying party(ies):
Ramin A. Nobakht

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date : February 9, 1998

2. Name and address of assignee:
Name: Rockwell International Corporation
Street Address: 600 Anton Boulevard, Suite 700
City: Costa Mesa State: CA Zip: 92626

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

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is : _____

A. Patent Application No.(s)
08884,271

B. Patent No.(s)

Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Philip K. Yu
Internal Address: Rockwell Semiconductor Systems, Inc.
c/o Intellectual Property Dept., M/C E00-000
Street Address: 4311 Jamboree Road
City: Newport Beach State: CA Zip: 92660-3086

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: 1E-1742

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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. This statement shall not affect the recording of the attached document or the rights and duties set forth in the recorded document.

Philip K. Yu, Reg. No. 35,742
 Name of Person Signing

Philip K. Yu
 Signature

April 21, 1998
 Date

Total number of pages comprising cover sheet and attachments: [2]

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AT98E144

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WASHINGTON, D.C. 20231

RECORDED
INDEXED
APR 27 1998
COMM-FIELD

PATENT
REEL: 010454 FRAME: 0300

ASSIGNMENT OF INVENTION

WHEREAS, Ramin A. Nobakht hereinafter sometimes referred to as "said inventor," has invented certain new and useful improvements in A MULTI-DIMENSIONAL COMBINED EQUALIZER AND DECODER which invention or inventions (hereinafter referred to as "invention") have been disclosed to and filed, under Docket No. 95E144, in the patent files of his employer, ROCKWELL INTERNATIONAL CORPORATION, 2201 Seal Beach Boulevard, Seal Beach, CA 90740-8250, the rights to which are now owned by ROCKWELL SCIENCE CENTER, INC., 1049 Camino Dos Rios, Thousand Oaks, CA 91388 and which invention will be covered by a patent application, the serial number and filing date of which they hereby authorize their attorney to insert here:

(Serial No. 08/884,271 Filed 8/28/97) when known: and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents do sell, assign and transfer unto ROCKWELL SCIENCE CENTER, INC. the entire right, title and interest in and to said invention and in and to said application and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, or any reissue or re-examination thereof, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL SCIENCE CENTER, INC. for its own use and benefit and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

FURTHER, said inventor agrees to sign all lawful papers necessary or helpful in obtaining a patent on said invention or in filing any divisional, continuation, continuation-in-part, substitution, or reissue application on said invention or in obtaining any re-examination thereof.

Executed at Newport Beach, County of Orange, and State of California, this 9th day of February, 1998.

First Inventor

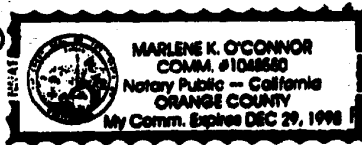
Ramin A. Nobakht
Ramin A. Nobakht

State of California)
) ss.
County of Orange)

On Feb 9, 1998 before me, Marlene K. O'Connor, a Notary Public in and for the said county, personally appeared Ramin A. Nobakht, personally known to me, (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

(Stamp)



Marlene K. O'Connor
Marlene K. O'Connor, Notary Public
Orange County, California

ASSIGNMENT OF INVENTION

WHEREAS, Ramin A. Nobakht hereinafter sometimes referred to as "said inventor," has invented certain new and useful improvements in A MULTI-DIMENSIONAL COMBINED EQUALIZER AND DECODER which invention or inventions (hereinafter referred to as "invention") have been disclosed to and filed, under Docket No. 95E144, in the patent files of his employer, ROCKWELL INTERNATIONAL CORPORATION, 2201 Seal Beach Boulevard, Seal Beach, CA 90740-8250, the rights to which are now owned by ROCKWELL SCIENCE CENTER, INC., 1049 Camino Dos Rios, Thousand Oaks, CA 91388 and which invention will be covered by a patent application, the serial number and filing date of which they hereby authorize their attorney to insert here:

(Serial No. 08/884,271 Filed 6/26/97) when known: and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents do sell, assign and transfer unto ROCKWELL SCIENCE CENTER, INC. the entire right, title and interest in and to said invention and in and to said application and in and to all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, or any reissue or re-examination thereof, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL SCIENCE CENTER, INC. for its own use and benefit and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventors had this Assignment and sale not been made.

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First Inventor

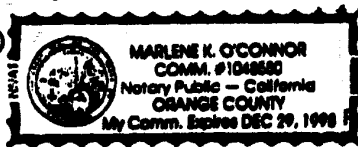
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WITNESS my hand and official seal.

(Stamp)



Marlene K. O'Connor

Marlene K. O'Connor, Notary Public
Orange County, California

RECORDED: 12/13/1999

PATENT
REEL: 010454 FRAME: 0302