

102367059

ATTORNEY DOCKET NO. SAMS01-00198

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

1. Name of conveying party(ies):  
Joseph R. Cleveland  
Adnan Kavak

2.14.03

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: January 17, 2002 and January 4, 2002, respectively

2. Name and address of receiving party(ies):

Name: Samsung Electronics Co., Ltd.

Internal Address: 416, Maetan-dong, Paldul-gu  
Suwon-city, Kyungki-do  
Republic of Korea

Post Office Address: Same as above

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

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

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No. 10/037,454

B. Patent No.(s)

Filed: December 31, 2001

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Docket Clerk  
Internal Address: P.O. Drawer 800889  
Dallas, Texas 75380

Post Office Address: Same as above

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): 40.00

☒ Enclosed.

☒ Any deficiencies or overpayments are authorized to be charged to  
or credited to deposit account

8. Deposit account number: 50-0208

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

William A. Munck, Reg. No. 39,308

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011

02/14/2003 DBYRNE 00000126 10037454  
01 FC:8021 40.00 DP

ASSIGNMENT

WHEREAS, We, Joseph R. Cleveland, resident of Richardson, Dallas County, Texas, citizen of the United States of America and Adnan Kavak, resident of Yarimca, Izmit, Turkey, citizen of Turkey, have invented certain new and useful improvements in a "PRACTICAL M-ARY DEMODULATOR USING HARD DECISION CIRCUIT AND METHOD OF OPERATION FOR USE IN A CDMA WIRELESS NETWORK BASE STATION" disclosed in an application for United States Letters Patent (Application No. 10/037,454, filed December 31, 2001);

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or John T. Mockler of Davis Munck, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection

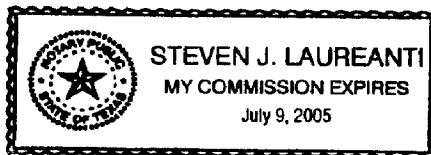
for said invention in all countries.

Joseph Cleveland  
Joseph Cleveland

STATE OF TEXAS

COUNTY OF DALLAS

§  
§  
§



On this 17<sup>TH</sup> day of JANUARY, ~~2001~~ 2002 ~~SE~~, before me, a Notary Public in and for the State and County aforesaid, personally appeared Joseph Cleveland, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

[Signature]  
Notary Public, State of Texas

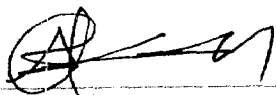
My Commission Expires:

7/9/05

Inventor:

Witness:

Witness:



Adnan Kavak

Signature of witness

Signature of witness

01/04/2002

Date

Muzaffer Yalciner

(Printed Name)

Gündoğdu sok. No: 70/15  
Merter, 6

(Street Address)

34010

İstanbul, TURKEY

(City, Country)

Fikri Harmandalı

(Printed Name)

Gündoğdu sok. No: 70/15  
Merter

(Street Address)

34010

İstanbul, TURKEY

(City, Country)

F01 SAM001-00198

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : JOSEPH R. CLEVELAND, ET AL.  
U.S. Serial No. : 10/037,454  
Filed : December 31, 2001  
For : PRACTICAL M-ARY DEMODULATOR USING HARD DECISION  
CIRCUIT AND METHOD OF OPERATION FOR USE IN A CDMA  
WIRELESS NETWORK BASE STATION  
Group No. : 2817  
Examiner : (Not Yet Assigned)

**BOX ASSIGNMENTS**

Commissioner of Patents  
Washington, D.C. 20231

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

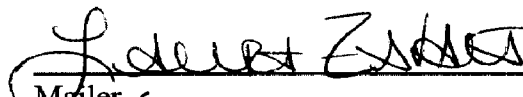

Sir:

The undersigned hereby certifies that the following documents:

1. Recordation Form Cover Sheet;
2. Assignment;
3. Check in the amount of \$40.00 for the Assignment recordal fee;
4. A postcard receipt;

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Box ASSIGNMENTS, Commissioner for Patents, Washington, D.C. 20231, on February 7, 2003.

Date: 2/7/03Date: Feb 7, 2003

  
\_\_\_\_\_  
Mailer  
  
\_\_\_\_\_  
William A. Munck  
Reg. No. 39,308

P.O. Drawer 800889  
Dallas, Texas 75380  
Phone: (972) 628-3600  
Fax: (972) 628-3616  
E-mail: [wmunck@davismunck.com](mailto:wmunck@davismunck.com)