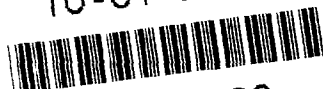


10-01-2004

Q82456

MODIFIED Form PTO-1595  
(Rev. 10/02)

102849609

HEET

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jing YANG  
Dong-yoon KIM  
Won-chul BANG  
Wook CHANG  
Kyonug-ho KANG  
Eun-seok CHOI  
Sung-jung CHOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do  
Republic of Korea22151 U.S. PTO  
10935303

9-8-04

## 3. Nature of conveyance:

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

Execution Date: September 1, 2004

Additional name(s) & 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: September 1, 2004

A. Patent Application No.(s)  
UnknownB. Patent No.(s)  
Not yet assignedAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 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 No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

## 8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

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.

Darryl Mexic

Reg. No. 23,063

September 8, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

10/01/2004 ECOOPER 00000001 10935303

01 FC:8021

40.00 DP

PATENT  
REEL: 015830 FRAME: 0627

## Assignment

Whereas, I/We, YANG, Jing, KIM, Dong-yoon, BANG, Won-chul, CHANG, Wook, KANG, Kyoung-ho, CHOI, Eun-seok, CHO, Sung-jung of c/o Samsung Advanced Institute of Technology, San 14-1 Nongseo-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea, 101-501-Jinheung Apt., 459 Hongseun 3-dong, Seodaemun-gu, Seoul, Republic of Korea, 201, 129-7 Bundang-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea, 28-30 Nonyeon-dong, Gangnam-gu, Seoul, Republic of Korea, 305-105 Geumhwa Macul Jugong Apt., Sanggal-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea, 102-302 Hogye Hyundai Apt., Hogye 2-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea, 249-403 Hwanggol Macul 2-danji Apt., Yeongton-dong, Yeongton-gu, Suwon-si, Gyeonggi-do, Republic of Korea, respectively, hereinafter called assignor(s), have invented certain improvements in METHOD AND APPARATUS FOR COMPENSATING ATTITUDE OF INERTIAL NAVIGATION SYSTEM AND METHOD AND APPARATUS FOR CALCULATING POSITION OF INERTIAL NAVIGATION SYSTEM USING THE SAME and executed an application for Letters Patent of the United States of America therefor on September 1, 2004; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: September 1, 2004 Jing Yang  
s/YANG, Jing

Date: September 1, 2004 Dong Yoon Kim  
s/KIM, Dong-yoon

Date: September 1, 2004 Wonchul Bang  
s/BANG, Won-chul

Date: September 1, 2004 Wook Chang  
s/CHANG, Wook

Date: September 1, 2004 2ms  
s/KANG, Kyoung-ho

Date: September 1, 2004 Ef/ky  
s/CHOI, Eun-seok

Date: September 1, 2004 EST/nky  
s/CHO, Sung-jung

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)