

05-15-2002

FORM PTO-1595
(Rev. 6-93)RECORDATION
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PATENTS ONLYDEPARTMENT OF COMMERCE
Patent and Trademark Office
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Attorney Docket No.: 053933-5027

To the Commissioner for Patents

Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

- | | |
|-------------------|-------------------|
| 1. Myung-Sam KANG | 4. Won-Youl CHOI |
| 2. Kyoung-Won NA | 5. Jeong-Hwan LEE |
| 3. Sang-On CHOI | 6. Keon-Yang PARK |

Additional names of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Samsung Electro-Mechanics Co., Ltd.

Internal Address: 314, Maetan-3dong, Paldal-gu,
Suwon-si, Kyunggi-do 442-743, Republic of Korea

Street Address:

City:

State:

Zip:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other_____ | |

Execution Date: April 17, 20024. New Application number(s) or patent number(s): **NEW APPLICATION**

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

April 17, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:Name: **Robert J. Gaybrick**Internal Address: **Morgan, Lewis & Bockius LLP**
Customer No. 09629Street Address: 1111 Pennsylvania Avenue, N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00☐ Enclosed☒ Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310

(Attach duplicate page if paying by deposit account)

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.Robert J. Goodell Reg. No. 41,040
Name of Person Signing

Signature

May 8, 2002

Date

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

05/14/2002 TBIAZ1 00000126 500310 10140294
01 FC:581 40.00 CH

PATENT
REEL: 012881 FRAME: 0081

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**WEAK-MAGNETIC FIELD SENSOR USING PRINTED CIRCUIT BOARD
MANUFACTURING TECHNIQUE AND METHOD OF MANUFACTURING THE SAME**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on _____, (Application No. _____); and

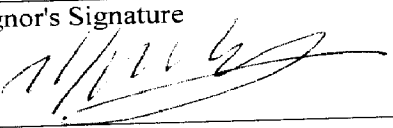
WHEREAS, Samsung Electro-Mechanics Co., Ltd, a corporation of Korea, whose post office address is 314, Maetan-3dong, Paldal-gu, Suwon-si, Kyunggi-do 442-743, Republic of Korea (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

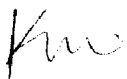
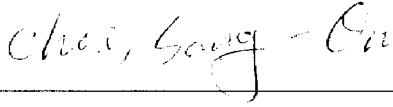
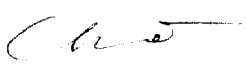

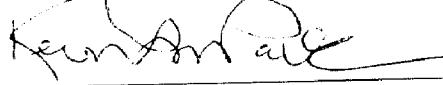
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s):

Full Name of Sole or First Assignor Myung-Sam, KANG	Assignor's Signature 	Date 17. 4. 2002
Address 86-12, Goejeong-dong, Seo-gu, Daejeon 302-815, Korea		Citizenship KOREA
Names of additional inventors attached <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

Full Name of Second Joint Assignor Kyoung-Won, NA	Assignor's Signature 	Date 17. 4. 2002
Address 101-201, Jukjeon Hyundai-1st Apt., Jukjeon-dong, Yongin-si, Kyeonggi-do 449-845, Korea		Citizenship KOREA
Full Name of Third Joint Assignor Sang-On, CHOI	Assignor's Signature 	Date 17. 4. 2002
Address 436-904, Samsung Apt., Cheongmyeongmaeul, Yeongtong-dong, Paldal-gu, Suwon-si, Kyeonggi-do 442-470, Korea		Citizenship KOREA
Full Name of Fourth Joint Assignor Won-Youl, CHOI	Assignor's Signature 	Date 17. 4. 2002
Address 235-405, Poonglim Apt., Hwanggolmaeul, Yeongtong-dong, Paldal-gu, Suwon-si, Kyeonggi-do 442-470, Korea		Citizenship KOREA
Full Name of Fifth Joint Assignor Jeong-Hwan, LEE	Assignor's Signature 	Date 17. 4. 2002
Address 105-1304, Hyundai Apt., 1206, Yongwon-dong, Jinhae-si, Kyeongsangnam-do 645-510, Korea		Citizenship KOREA
Full Name of Sixth Joint Assignor Keon-Yang, PARK	Assignor's Signature 	Date 17. 4. 2002
Address 305-605, Olympic Athletic Village Apt., 89, Oryun-dong, Songpa-gu, Seoul 138-788, Korea		Citizenship U. S. A.
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		