

1-30-07

Docket No.: SEC.1895

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03

02-05-2007

T

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103369892

Tab settings → → → ▼ ▼

▼

▼

▼

To the Director of the United States Patent and Trademark Office

e attached original documents or copy thereof.

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

**Chang-rok MOON**  
**Yun-hee LEE**  
**Jong-wan JUNG**  
**Byung-jun PARK**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **January 20, 25, 20, 22, 2007**

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

Name: **Samsung Electronics Co., Ltd.**Address: **416, Maetan-dong, Yeongtong-gu, Suwon-si**City: **Gyeonggi-do** State/Prov.: \_\_\_\_\_Country: **Republic of Korea** ZIP: \_\_\_\_\_

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

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

**1/20/2007, 1/25/2007,**  
**1/20/2007, 1/22/2007**

Patent Application No.

Filing date

B. Patent No.(s)

**NEW****January 30, 2007**

Additional numbers

☐ Yes ☒ No

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

Name: **STEPHEN R. WHITT**Registration No. **34,753**Address: **VOLENTINE & WHITT, PLLC****ONE FREEDOM SQUARE****11951 FREEDOM DRIVE, SUITE 1260**City: **RESTON**State/Prov.: **VA**Country: **USA**ZIP: **20190**

## 6. Total number of applications and patents involved:

**1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

**50-0238**

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

## 9. Statement and signature.

DO NOT USE THIS SPACE

*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.*

**STEPHEN R. WHITT**

Name of Person Signing

Signature

**January 30, 2007**

Date

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

**3**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

113260 U.S. PTO  
11/699477

013007

11699477

00000048 500238

40.00

02/02/2007

01 FC:8041

PATENT

REEL: 018864 FRAME: 0722

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

**Insert  
Name(s) of  
Inventor(s)**

- |                          |           |
|--------------------------|-----------|
| 1. <u>Chang-rok MOON</u> | 7. _____  |
| 2. <u>Yun-hee LEE</u>    | 8. _____  |
| 3. <u>Jong-wan JUNG</u>  | 9. _____  |
| 4. <u>Byung-jun PARK</u> | 10. _____ |
| 5. _____                 | 11. _____ |
| 6. _____                 | 12. _____ |

**Insert  
Name(s) of  
Assignee(s) &**

the undersigned hereby sell(s) and assign(s) to

**Address(es)**

\_\_\_\_\_ SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu,  
of \_\_\_\_\_ Suwon-si, Gyeonggi-do, Republic of Korea

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

**Title of  
Invention**

IMAGE SENSOR HAVING IMPROVED SENSITIVITY AND DECREASED CROSSTALK  
AND METHOD OF FABRICATING SAME

**Date of  
Signing of  
Application**

for which an application for patent in the United States of America has been executed by  
the undersigned on January 20, 25, 20, 22, 2007

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby grant(s) the practitioners associated with the **CUSTOMER NUMBER 20987** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date January 20, 2007 Signature of Inventor Chang Rok Moon  
Chang-rok MOON

Date January 25, 2007 Signature of Inventor Yun-hee Lee  
Yun-hee LEE

Date Jan. 20, 2007 Signature of Inventor Jung  
Jong-wan LEE

Date Jan. 22, 2007 Signature of Inventor Byung-jun Park  
Byung-jun PARK

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

(Note regarding Witnessing: It is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been witnessed.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

Applicant Reference No. SIP050342US