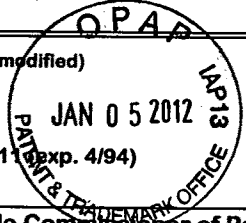


1.5.12



OMB No. 0651-0011 (exp. 4/94) 103638832

To the Honorable Commissioner of Patents and Trademarks: Please record the att: 103638832

1. Name of conveying party(ies):

BONSEOG GU, HAEKWAN SEO, TAEJIN KIM, DOYOUNG KIM, MYUNGHO LEE

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

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

 Name: **Samsung Mobile Display Co., Ltd.**
 Internal Address:
 Street Address: **San #24 Nongseo-Dong, Giheung-Gu,**
 City: **Yongin-City, Gyunggi-Do, REPUBLIC OF KOREA**

 Additional name(s) & address(es) attached? No

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

 Execution Date: November 30, 2011

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)
 13/343,841
 B. Patent No.(s)

 Additional numbers attached? No

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

 Name: **Eugene M. Lee**
 Internal Address: **LEE & MORSE, P.C.**
 Street Address: **3141 Fairview Park Drive, Suite 500**
 City: **Falls Church, State: VA ZIP: 22042**

6. Total number of applications and patents involved: **One**

7. Total fee (37 C.F.R. 3.41). \$40.00
 Enclosed (PTO-2038)
 Authorized to be charged to deposit account any additional fees

8. Deposit account number: **5-01645**

 (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.

Amy A. Thekdi Amy Thekdi Reg. No. 62,199 January 5, 2012
 Name of Person Signing Signature Date
 Attorney Docket No.: 309/012

Total number of pages including cover sheet, attachments, and document: 2 pages attached, incl. cover

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Alexandria, VA. 22313

01/06/2012 AWONDAF1 00000022 13343841
 40.00 OP
 01 FC:0021
PATENT
REEL: 027599 FRAME: 0705

01-4E04
300/04

U.S. Rights--Sole or Joint

ASSIGNMENT

Name and Address of Assignee	<p>For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto</p> <p>SAMSUNG MOBILE DISPLAY CO., LTD., San #24 Nongseo-Dong, Giheung-Gu, Yongin-City, Gyunggi-Do, Republic of Korea</p>
	(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

Title of Invention	<p>DISPLAY DEVICE HAVING SECURITY FUNCTION as set forth in this United States Patent Application</p>
--------------------	--

Check One	<input checked="" type="checkbox"/> executed concurrently herewith <input type="checkbox"/> executed on _____ <input type="checkbox"/> Serial No. _____ Filed _____
-----------	---

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of LEE & MORSE, P.C. the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: <i>BonSeog GU</i>	Signature: <i>BONSEOG GU</i>	Date: <i>2011-11-20</i>
Name: <i>Haekwan SEO</i>	Signature: <i>HAEKWAN SEO</i>	Date: <i>2011-11-20</i>
Name: <i>Taejin KIM</i>	Signature: <i>Taejin KIM</i>	Date: <i>2011-11-20</i>
Name: <i>Doyoub KIM</i>	Signature: <i>Doyoub KIM</i>	Date: <i>2011-11-20</i>
Name: <i>Myungho LEE</i>	Signature: <i>Myungho Lee</i>	Date: <i>2011-11-20</i>
NAMES AND SIGNATURES OF WITNESSES		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.