

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bong Ju Kim	09/18/2007
Min Hyuk Choi	09/18/2007
Young Il Kim	09/18/2007
Chun Gi You	09/18/2007
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd
Street Address:	416, Maetan-dong
City:	Yeongtong-gu, Suwon-si, Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11780952
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ATTORNEY DOCKET NUMBER:	8054L-352 (LX3070US/CW)
NAME OF SUBMITTER:	Joseph B. Gross
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PATENT

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ASSIGNMENT DOCKET NO.: 8054L-352(LX3104US/JS)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:
IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other
good and valuable consideration, the receipt of which from the hereinafter named Assignee is
hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title
and interest, in and for the United States of America and all other countries, including all rights of
priority, in and to the invention entitled:

TITLE: *THIN FILM TRANSISTOR PANEL AND LIQUID CRYSTAL DISPLAY APPARATUS
HAVING THE SAME*

invented by me (if only one inventor is named below) or us (if more than one inventor is named
below) and described in an application for a United States patent the specification of which is
either attached hereto or otherwise accompanies this Assignment or indicates an attorney
docket no. _____, or is more particularly identified as:

- ☒ executed on even date herewith, or
☐ Serial No. _____ filed in the U.S. Patent & Trademark Office on
_____,
or
☐ executed on _____.

and in and to all United States patents which may be granted thereon and therefore, and in and
to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-
examined patents, and to any extensions thereof, said interest being the entire ownership of the
patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my
Assignee, its successors, assigns or other legal representatives, to the full end of the term,
terms, or any extension or renewal thereof, for which said patent or patents may be granted, as
fully and entirely as the same would have been held and enjoyed by me or us if this assignment,
sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or
instruments which may from time-to-time be either necessary, lawful, proper or requested by the
Assignee, in the prosecution of the above-named application or in the preparation and
prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue,
re-examination, in any amendment, extension, or interference proceeding, whether
administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to
issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and
authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further
identification or to complete such identification which may be either necessary or desirable in
order to comply with the rules of the United States Patent and Trademark Office for recordation
of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)

Date Signed

1) Yong-Han park
Yong-Han PARK

11/09/2007

2) Jin-Young choi
Jin-Young CHOI

11/09/2007

3) Yong-Koo HER
Yong-Koo HER

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4) Sun-Ja KWON
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