To the Honorable Commission:

1. Name of conveying party(ies):
   Jae-Hyun YEO, Young-Wook Park, 
   Ki-Chul KIM, Jae-Jong HAN

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

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

   Execution Date: January 17, 2005 (JHY, 
   YWP, KCK) and January 18, 2005 (JJH).

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: January 17, 2005 (JHY, YWP, KCK) and January 18, 2005 (JJH).

   A. Patent Application No.(s)
   B. Patent No.(s)

   Additional numbers attached? □ Yes □ No

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

   Name: Frank Chau, Esq.
   Street Address: F. CHAU & ASSOCIATES, LLC
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   (01/26/2005 HLE333 00000064 11038324)
   (05 FC18021 40.00 GP)

6. Total number of applications and
   patents involved: 1

7. Total fee (37 C.F.R. §3.41): $40.00
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8. Deposit account number:

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   Frank V. DeRosa
   Registration No. 43,584
   Name of Person Signing
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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: METHOD OF FORMING THIN FILM FOR SEMICONDUCTOR DEVICE AND
APPARATUS THEREFOR

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.
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and in and to all United States patents which may be granted thereon and therefore, and in and to
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AND I hereby covenant and agree to sign and execute any further documents or instruments
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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
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to secure the title hereto in said Assignee;

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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
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PATENT
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I HEREBY DECLARE that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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RECORDED: 01/19/2005
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