

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong-Chul YOO</td> <td>07/18/2006</td> </tr> <tr> <td>Byoung-Jae BAE</td> <td>07/18/2006</td> </tr> <tr> <td>Jang-Eun HEO</td> <td>07/18/2006</td> </tr> <tr> <td>Ji-Eun LIM</td> <td>07/19/2006</td> </tr> <tr> <td>Dong-Hyun IM</td> <td>07/19/2006</td> </tr> </tbody> </table>		Name	Execution Date	Dong-Chul YOO	07/18/2006	Byoung-Jae BAE	07/18/2006	Jang-Eun HEO	07/18/2006	Ji-Eun LIM	07/19/2006	Dong-Hyun IM	07/19/2006
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Dong-Hyun IM	07/19/2006												
RECEIVING PARTY DATA													
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416 Maetan-dong, Yeongtong-gu, Suwon-si												
City:	Gyeonggi-do												
State/Country:	KOREA, REPUBLIC OF												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11464571</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11464571								
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Application Number:	11464571												
CORRESPONDENCE DATA													
Fax Number:	(503)274-4622												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	docketing@techlaw.com												
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ATTORNEY DOCKET NUMBER:	8750-187												
NAME OF SUBMITTER:	Joseph S. Makuch												
Total Attachments: 2 source=assignment#page1.tif													

OP \$40.00 11464571

PATENT APPLICATION
Docket No.: 8750-187
Client Ref. No.: SPX200512-0011US

ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) **Dong-Chul YOO**
- (2) **Byoung-Jae BAE**
- (3) **Jang-Eun HEO**
- (4) **Ji-Eun LIM**
- (5) **Dong-Hyun IM**

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the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

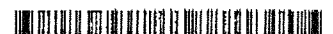
SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

HIGH-DENSITY PROBE ARRAY

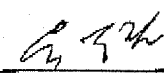
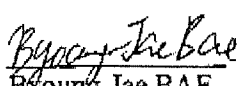

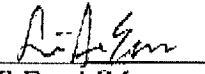

for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.



Please sign
concurrently
with Oath or Declaration
and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>
(1) <u></u> Dong-Chul YOO	<u>08/18/2006</u>
(2) <u></u> Byoung-Jae BAE	<u>2006. 9. 18</u>
(3) <u></u> Jang-Eun HEO	<u>2006. 7. 18</u>
(4) <u></u> Ji-Eun LIM	<u>2006. 7. 19</u>
(5) <u></u> Dong-Hyun IM	<u>2006. 7. 19</u>

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom
Marger Johnson & McCollom
210 S.W. Morrison Street, Suite 400
Portland, OR 97204

