

Docket No.: SEC.2500

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(Rev. 03-01)
OMB No. 0851-0027 (exp. 5/31/2002)
P08A/REV03




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<p>1. Name of conveying party(ies): Yoo-jin BAEK</p> <p>Additional names(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: SAMSUNG ELECTRONICS CO., LTD.</p> <p>Address: 416, Maetan-dong, Yeongtong-gu</p> <p>City: Suwon-si State/Prov.: Gyeonggi-do</p> <p>Country: Republic of Korea ZIP: 442-742</p> <p>Additional name(s) & address(es) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: January 13, 2010</p>	<p>4. Application number(s) or patent numbers(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <table style="width: 100%;"> <tr> <td style="width: 50%;"> <p>Patent Application No. Filing date</p> <p>12/717,249 March 4, 2010</p> </td> <td style="width: 50%;"> <p>B. Patent No.(s)</p> <p>_____</p> </td> </tr> </table> <p style="text-align: right;">Additional numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Patent Application No. Filing date</p> <p>12/717,249 March 4, 2010</p>	<p>B. Patent No.(s)</p> <p>_____</p>	
<p>Patent Application No. Filing date</p> <p>12/717,249 March 4, 2010</p>	<p>B. Patent No.(s)</p> <p>_____</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: STEPHEN R. WHITT</p> <p>Registration No. 34,753</p> <p>Address: VOLENTINE & WHITT, PLLC</p> <p>ONE FREEDOM SQUARE</p> <p>11951 FREEDOM DRIVE, SUITE 1260</p> <p>City: RESTON State/Prov.: VA</p> <p>Country: U.S.A ZIP: 20190</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41):.....\$ 40.00</p> <p><input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p>50-0238</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>			
<p>DO NOT USE THIS SPACE</p>				
<p>9. Statement and signature.</p> <p><i>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.</i></p> <table style="width: 100%;"> <tr> <td style="width: 30%; text-align: center;"> <p>Stephen R. Whitt</p> <p>_____ Name of Person Signing</p> </td> <td style="width: 40%; text-align: center;"> <p></p> <p>_____ Signature</p> </td> <td style="width: 30%; text-align: center;"> <p>March 12, 2010</p> <p>_____ Date</p> </td> </tr> </table> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and document: 4</p>		<p>Stephen R. Whitt</p> <p>_____ Name of Person Signing</p>	<p></p> <p>_____ Signature</p>	<p>March 12, 2010</p> <p>_____ Date</p>
<p>Stephen R. Whitt</p> <p>_____ Name of Person Signing</p>	<p></p> <p>_____ Signature</p>	<p>March 12, 2010</p> <p>_____ Date</p>		

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VOLENTINE & WHITT, P.L.L.C. (01/2007)

ATTORNEY DOCKET NO. SEC 2500

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. Yoo-jin BAEK 7
- 2. _____ 8.
- 3. _____ 9.
- 4. _____ 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 442-742, 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**

CIRCUIT AND METHOD CONVERTING BOOLEAN AND ARITHMETIC
MASKS

**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 13, 2010

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, divisional 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.

VOLENTINE & WHITT, P.L.L.C. (01/2007)

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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 covenant 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 13 Jan 2010 Signature of Inventor Baek You Jin
Yoo-jin BAEK

Date _____ Signature of Inventor _____

Date _____ Signature of Inventor _____

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 if it has not been witnessed.)

Witness _____

Witness _____

Applicant Reference No. SS-34498-US