

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seok Jun Won	11/19/2007
Yong Min Yoo	11/19/2007
Min Woo Song	11/19/2007
Dae Youn Kim	11/19/2007
Young Hoon Kim	11/19/2007
Weon Hong Kim	11/19/2007
Jung Min Park	11/19/2007
Sun Mi Song	11/19/2007

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:	11775111

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

8054S-381 (AX3043US/GJ)

PATENT

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REEL: 020140 FRAME: 0480

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NAME OF SUBMITTER:

David L. Heath

Total Attachments: 4

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ASSIGNMENT DOCKET NO.: 8054S-381 (AX3043US/GJ)

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

and

ASSIGNEE: ASM Genitech Korea Ltd.

ADDRESS SungKong-Kwan 1 dong, Cheonan Valley, 514 Sameun-ri, Jiksan-eup,
Cheonan-si, Chungcheongnam-do, KOREA

Who is my Assignee, and to the successors 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 METAL OXIDE AND APPARATUS FOR
PERFORMING 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. 8054S-381 (AX3043US/GJ), or is more particularly identified as:

- ☐ executed on even date herewith, or
☒ Serial No. 11/775,111 filed in the U.S. Patent & Trademark Office on July 9, 2007,
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.** and **ASM GENITECH KOREA 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;

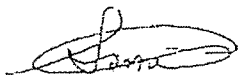
AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further identification or to complete 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:

<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) <u>Seok-Jun Won</u> Seok-Jun WON	<u>Nov. 19, 2007</u>
2) _____ Yong-Min YOO	_____
3) _____ Min-Woo SONG	_____
4) _____ Dae-Youn KIM	_____
5) _____ Young-Hoon KIM	_____
6) _____ Weon-Hong KIM	_____
7) _____ Jung-Min PARK	_____
8) _____ Sun-Mi SONG	_____

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<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) _____ Seok-Jun WON	_____
2) <u>Yong-Min Yoo</u> Yong-Min YOO	<u>Nov. 19. 07</u>
3) _____ Min-Woo SONG	_____
4) <u>Dae-Youn Kim</u> Dae-Youn KIM	<u>Nov. 19. 07</u>
5) <u>Young-Hoon KIM</u> Young-Hoon KIM	<u>Nov 19. 07</u>
6) _____ Weon-Hong KIM	_____
7) _____ Jung-Min PARK	_____
8) <u></u> Sun-Mi SONG	<u>Nov. 11. 19</u>

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1) _____ Seok-Jun WON	_____
2) _____ Yong-Min YOO	_____
3) <u>Min-Woo Song</u> Min-Woo SONG	<u>2007/11/19</u>
4) _____ Dae-Youn KIM	_____
5) _____ Young-Hoon KIM	_____
6) <u>Weon-Hong Kim</u> Weon-Hong KIM	<u>2007/11/19</u>
7) <u>Jung-Min Park</u> Jung-Min PARK	<u>2007/11/19</u>
8) _____ Sun-Mi SONG	_____

