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1. Name of conveying party(ies) Seok-Su KIM	2. Name and address of receiving party(ies) Name: DongbuAnam Semiconductor Inc.	
	Internal Address;	
	micrital Address,	
Additional name(s) of conveying party(les) attached? Yes 🗸 No		
3. Nature of conveyance/Execution Date(s):	Street Address: 891-10 Daechi-dong	
Execution Date(s) 07-21-2005	Kangnam-ku	
Assignment OPP051505US Merger	City: Seoul	
Security Agreement Change of Name	•	
Joint Research Agreement	State:	
Government Interest Assignment	Country: KOREA Zip: 135-523	
Executive Order 9424, Confirmatory License		
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4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s)		
11/186,397	B, Falent No.(5)	
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Add tional numbers attached?		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Andrew D. Fortney, Ph.D.		
Internal Address: Law Offices of Andrew D. Fortney, Ph.D., P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.	
Internal Address; and onless of Andrew 5.1 distay, 11.5., 11.		
TOET NI Marile Ave. Stille 407	Authorized to be charged to deposit account Enclosed	
Street Address: 7257 N. Maple Ave., Suite 107	None required (government interest not affecting title)	
	8. Payment Information	
City: Fresno	a, Credit Card Last 4 Numbers 1447	
State: CA Zip: 93720	Expiration Date 02/08	
Phone Number: 559-299-0128	b. Deposit Account Number	
Fax Number: 559-299-0118		
Email Address: drew@fortneylaw.com	Authorized User Name	
9. Signature:	11-09-2005	
Signature Date		
Andrew D. Fortney, Ph.D., Reg. No. 34,600 Total number of pages including cover 2		
Name of Person Signing sheet, attachments, and documents:		

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Attorney Docket No.: OPP051505US

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

KIM, Seok-Su

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME

Do hereby sell, assign and transfer to DoughuAnam Semicon		
of Korea	, having a place of business	
at 891-10, Daechi-dong, Kangnam-ku, Scoul, 135-523, Kor	ea,	
its successors, assigns, and legal representatives, the full and exclusive right to said invention and said		
application and to any and all inventions described in said application for the United States, its territorial		
possessions and all foreign countries, and the entire right, title	and interest in and to any and all Letters Patent	
which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in		
and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all		
other applications for Letters Patent relating thereto which have	e been or shall be filed in the United States, its	
territorial possessions and/or any foreign countries, and all right the international conventions, unions, agreements, acts, and tre	e, logether with all priority rights, under any or	
agreements, acts, and treaties;	sines, including all future conventions, unions,	
Agree that DongbuAnam Semiconductor Inc.	, hereinafter referred to as Assignee, may	
apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said		
invention, in its own name, in the United States, its territorial p	possessions, and all foreign countries; and that,	
when requested to carry out in good faith the intent and purp	ose of this assignment, at the expense of said	
Assignee, its successors, assigns and legal representatives, the	undersigned will execute all continuations-in-	
part, continuations, divisions, substitutes, reissues, extensions t	hereoi, execute an righthal daths, assignments,	
powers of attorney and other papers, testify in any legal or Assignee, its successors, assigns or legal representatives all fa		
invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper		
patent protection for said invention and for vesting title to said invention and all applications for patents on said		
invention in said Assignee, its successors, assigns, or legal repres		
	الله الله الله الله الله الله الله الله	
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others		
by the undersigned, and that full right to convey the same as here		
IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.		
<u>-</u>		
Full Name of Sole/First Inventor:		
KIM, Seok-Su		
Inventor's Signature:	Date: Month/Day/Year	
KIM, Seek-Sa		
~//* · >e=k- >a	Jaly 21, 200f	
Pull Name of Second Inventor, if any:		
Inventor's Signature:	Date: Month/Day/Year	
U		

Customer No. 36872 **RECORDED: 11/09/2005** **REEL: 016990 FRAME: 0953**