

MSD 7-27-98

07-31-1998



FORM PTO-1594 (Rev. 6-93)		RE	100782341 PATENTS ONLY	SET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Atty Docket #: SC0628AK					
To the Honorable Commissioner of Patents and Trademarks Please record the attached original documents or copy thereof.					
1. Name of conveying part(ies): Minju LEE Kilho CHO			2. Name and address of receiving party(ies): Name: <u>Motorola, Inc.</u> Internal Address: <u>Intellectual Property Dept.</u> Street Address: <u>1303 East Algonquin Road</u> City: <u>Schaumburg</u> State: <u>IL</u> ZIP <u>60196</u>		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Execution date of conveyance: <u>July 3, 1998</u>					
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 <u>July 3, 1998</u>					
A. Patent Application No (s):			B. Patent No (s):		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Motorola, Inc.</u> Internal Address: <u>Intellectual Property Department - Suite R3108</u> Street Address: <u>P.O. Box 10219</u> City, State, Zip: <u>Scottsdale, AZ 85271-0219</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 C.F.R. 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit account number: <u>13-4771</u> (Attach triplicate copy of this page if paying by deposit account)		
07/31/1998 DNGUYEN 00000077 134771 09122921 DO NOT USE THIS SPACE					
11 RC:361 40.00 CH					
9. Statement and signature. 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.					
Rennie William Dover		36,503	Signature: <u>Rennie William Dover</u>		Date: <u>27 July 1998</u>
Name of Person Signing		Reg. No.	Signature		Date
Total number of pages including cover sheet, attachments, and document: 3					

OMR No. 0651-0011 (exp. 4-94)

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Minju Lee of Kyunggi-do, Korea and Kilho Cho of Seoul, Korea, have sold, assigned and transferred, and do hereby sell, assign and transfer unto MOTOROLA, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **METHOD AND APPARATUS FOR SINGULATING SEMICONDUCTOR DEVICES** (Attorney Docket No. SC0628AK), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA, INC., for the sole use and behoof of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

We agree that, when requested, we will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Signed and witnessed this Fri day of
3 July, 1998

Minju Lee
Minju Lee

Kilho Cho
Kilho Cho

Witnessed By:

Jongho Han
SA Lee

Address correspondence concerning this document to: Motorola, Inc., Intellectual
Property Department - Suite R3108, P.O. Box 10219, Scottsdale, Arizona 85271-0219.

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