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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

102	115482 Attorney Docket No. 1-263			
To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
Name of conveying party(ies):				
(1) Shigeki TAKAHASHI (2) Satoshi SHIRAKI (3) Hiroaki HIMI (4) Hiroyuki BAN (5) Osamu SEYA	Name and address of receiving party(ies)     Name:DENSO CORPORATION     Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance:	Street Address: 1-1, Showa-cho			
X Assignment Merger				
Security Agreement Change of Name	Kariya-city, Aichi-pref.			
	448-8661 JAPAN			
Other  Execution Date(s): (1)-(5) May 6, 2002	City:State:Zip:			
Application number(s) or patent number(s):      Month Day Year  If this document is being filed together with a new application, the execution dates of the application are:				
A. Patent Application No.(s)	B. Patent No.(s)			
_ 10/125,582				
Additional numbers attached? Yes X No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: David G. Posz	7. Total fee (37 CFR 3.41) \$ <b>40</b>			
Internal Address:	X Enclosed			
Street Address: Law Offices of David G. Posz	X Authorized to be charged to deposit account			
2000 L Street, N.W., Suite 200	8. Deposit account number:			
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**PATENT** 

REEL: 012951 FRAME: 0306

Attorney Docket No. 1-263 60240-US-KK/nh

## **ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

DENSO CORPORATION: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan				
as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as SEMICONDUCTOR DEVICE HAVING BIPOLAR TRANSISTORS				
described in an application for Letters Par (A) X On even date herewith (B) X On May 6, 2002 (C) X As U.S. Application Serial No.		ed pril 19,	2002	
as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.				
The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.				
The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.				
The undersigned also authorize(s) Law Office of David G. Posz to insert hereon any further identification that may be necessary or desirable for recordation of this document.				
Shigehi Takahashi	May 6 2002	Ukvia	Yamada_	
Inventor 1: Shigeki TAKAHASHI	Date	Witness		
Satochi Shiraki	may 6, 2002	Akira	Yamada	
Inventor 2: Satoshi SHIRAKI	Date	Witness		
Hiroaki Himi Inventor 3: Hiroaki HIMI	May 6, 2002  Date	<u> </u>	Yamada	
Tiroguki Ban Inventor 4: Hiroyuki BAN	May 6, 2002	Ukria Witness	Yumirda	
Osamu Seyo Inventor 5: Osamu SEYA	May 6, 2002	<u>Usira</u> Witness		

Continued on page 2 for additional inventors

**RECORDED: 06/03/2002** 

PATENT REEL: 012951 FRAME: 0307