Attorney Docket No. 030431

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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment

Conveying Party(ies): **Execution Date**

First party Name: SATO, Hidekazu January 9, 2003

Second party Name: SUKEGAWA, Takae January 9, 2003

Third party Name: SUZUKI, Kousuke January 9, 2003

Fourth party Name:

Name:

Additional name(s) of conveying party(ies) attached? Yes ___ No XX

Receiving Party (ies):

Fifth party

First party Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki-shi, Kanagawa, 211-8588 Japan

10413394

Additional name(s) & address(es) attached? Yes_ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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> **PATENT** REEL: 013977 FRAME: 0406

Page 2				
Correspondent Name and Address ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006				
Pages Enter the total number of pages of the attached conveyance document:				
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX A. Patent Application No.(s) B. Patent No.(s) ##				
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>January 9, 2003</u> (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT PCT PCT PCT PCT PCT PCT				
Number of Properties Enter the total number of properties involved:1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)\$40.00				
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Authorized to be charged to Deposit Account No.: <u>01-2340</u>				
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. William L. Brooks Name of Person Signing April 15, 2003 Date Registration No.				
Rev. 11/00				

PATENT REEL: 013977 FRAME: 0407

Docket No		ARMSTRONG, WESTERM	IAN & HATTORI, LLP	
U.S. ASSIGNMENT				
(Insert ASSIGNEE's Name(s) Address(es))	IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by FUJITSU LIMITED			
	1-1, Kamikodanaka 4-chome, Nakahara-ku,			
	Kawasaki-shi, Kanagawa 211-8588 Japan			
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled			
(Title of Invention)	HETEROBIPOLAR TRANSISTOR AND METHOD OF FABRICATING THE SAME			
(*If the assignment is being filed after the filing of the application, this section must be	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: filed on, Serial No			
completed)	(ARMSTRONG, WESTERMAN & HATTORI, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)			
	and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.			
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.			
·	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.			
(Signatures)	IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).			
	Hidekoger Sato	Hidekazu Sato	Jan. 9, 2003	
	/(Signature)	(Type Name)	(Date)	

Takae Sukegawa (Signature) Kousuke Suyuki (Signature) Takae Sukegawa (Type Name) Jan. 9, 2003 (Date) Jan. 9, 2003 (Date) Kousuke Suzuki (Type Name) (Signature) (Type Name) (Date) (Type Name) (Date) (Signature) (Type Name) (Date) (Signature)

NO LEGALIZATION REQUIRED

RECORDED: 04/15/2003

PATENT REEL: 013977 FRAME: 0408