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RECORDATION FORM COVER SHEET

Docket: 0819-444 To the Honorable Assistant Commissioner for Patent. Please record the attached original documents or copy thereof.

1. Additio	Name of conveying parties: Koichiro YUKI, Minoru KUBO onal name(s) of conveying party(ies) attached? [] Yes [X] No		
Street A	Name and address of receiving party: Matsushita Electric Industrial Co., Ltd. Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan		
Additio	State ZIP		
3.	Name of Conveyance: [X] Assignment [] Security Agreement [] Other Execution Date: October 17, 2000		
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: October 17, 2000 Title: LATERAL HETEROJUNCTION BIPOLAR TRANSISTOR AND METHOD OF FABRICATING THE SAME A: Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No		
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: NIXON PEABODY LLP Street Address: 8180 Greensboro Drive, Suite 800 City: McLean State: Virginia ZIP 22102		
6.	Total number of applications and patents involved: 1		
7.	Total fee (37 CFR 3.41):\$\frac{40.00}{\text{[X] Enclosed}}\$ [] Authorized to be changed to deposit account		
8.	Deposit Account Number:(Attach duplicate copy of this page if paying by deposit account)		
	DO NOT USE THIS SPACE		
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		
docume	ent.		
Eric J.	Robinson Date Color Color		
	Total number of pages including cover sheet, attachments, and document: 3		

PATENT REEL: 011406 FRAME: 0766

Attorney	Docket	No	

ASSIGNMENT

WHE	HEREAS, Koichiro YUKI, Minoru KUBO	
	r designated as the undersigned) has (have) invented certain nents in LATERAL HETEROJUNCTION BIPOLAR TRANS	
METHOD (OF FABRICATING THE SAME for which the undersigned ha	as (have):
(a)	filed an application for Letters Patent of the United States of Ar having Serial No	
(b)	executed an application for Letters Patent of the United States of date(s) indicated below; and	America on the
	IEREAS, Matsushita Electric Industrial Co., Ltd.	of
*	a Kadoma, Kadoma-shi, Osaka 571-8501, Japan	ng the Assigned
is desirous of	of acquiring the entire right, title and interest in and to said invention. Patent(s) that may be granted therefor in the United States of Amer	on and in and to
NOW undersigned	W, THEREFORE, in consideration of the sum of One Dollar d in hand paid, the receipt of which is hereby acknowledged, and	(\$1.00) to the other good and

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

PATENT REEL: 011406 FRAME: 0767 The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	Oct. 17, 2000	, Koichiro Yuhi Koichiro YUKI
Date:	Oct. 17, 2000	Minory KURO
		Minoru KUBO
Date:		
Date:		
Date:	;	
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Date:		
Date:		,
Date		

RECORDED: 10/20/2000

PATENT REEL: 011406 FRAME: 0768