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U.S. Department of Commerce Patent and Trademark Office **PATENT** 

RECORDATION FORM COVER	SHEET
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TO: The Commissioner of Patents and	PATENTS ONLY	( attached original document(s) or copy(ies	,
Submission Type	Conveyance T	Type	<i>,</i> -
☐ New	⊠ Assignme	ent	
Resubmission (Non-Re-	cordation)	☐ Change of Name	
☐ Correction of PTO Error	☐ Merger	Other	
Reel # Frame #	(F	U.S. Government for Use ONLY by U.S. Government Agencies)	
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Conveying Party(ies)  Name (line 1) Taiji NODA	⊠ Mark if addition	al names of conveying parties attached Effective D Month Day November 27, 2	Ye
Name (line 2)			
Second Party Name (line 1) Hiroyuki UMIMOTO		Effective D Month Day November 27, 2	Yea
Name (line 2)			
Receiving Party	☐ Mark if addition	al names of receiving parties attached	
Name (line 1) Matsushita Electronics Name (line 2)	latsushita Electronics Corporation  If document to be recorde is an assignment and the receiving party is not domiciled in the United		
Address (line 1) 1-1, Saiwai-cho		States, an appo domestic repre should be attac (Designation m separate docum	sentati hed. <i>ust be d</i>
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Address (line 3) Takatsuki-shi City	Osaka, Japan State/Country	569-1193 Zip Code	
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Correspondent Name an	d Address Area (	Code and Telephone Number	(703) 790-9110	
Name Nix	on Peabody LLP			
Address (line 1) 818	60 Greensboro Drive			
Address (line 2) Mc	Lean, Virginia 22102			
Address (line 3)				
Address (line 4)				
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Application Number(s) of Enter either the Tradem		the Registration Number (DO NOT	Mark if additional numbers attack ENTER BOTH numbers for the same	
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If this document is being file application was signed by the	ed together with a <u>new</u> Path he first named executing in	ent Application, enter the date the jventor.	patent Month Date	Year
Patent Cooperation Trea	aty (PCT)			
Enter PCT application only if a U.S. Applicat	n number PCT	PCT	PCT	
has not been assigned.	PCT	PCT	PCT	
Number of Properties Enter the total number of properties involved. # 1				
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Eric J. Robinson, Reg. Name of Pers	No. 38,285 Son Signing	Signature	Da	

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Name (line 2)				receiving party is not domiciled in the United
Address (line 1)				States, an appointment of a domestic representative
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STEV PIETRAD	Conveyance Type  Assignment Security Agreement
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Conveying Party(ies)	Mark if additional names of conveying parties attached
	Effective Dat Month Day
Name (line 1) Taiji NODA	November 27, 20
Name (line 2)	
	Effective Date
Second Party	Month Day
Name (line 1) Hiroyuki UMIMOTO	November 27, 20
Name (line 2)	096623
Receiving Party	☐ Mark if additional names of receiving parties attached
Name (line 1) Matsushita Electronics Corporation	If document to be
	is an assignment a
Name (line 2)	domiciled in the U
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	Assignment.)
Address (line 3) Takatsuki-shi	Assignment.)
Address (line 3) Takatsuki-shi City	Osaka, Japan  State/Country  Zip Code
Address (line 3) Takatsuki-shi City  Domestic Representative Name and Address	Osaka, Japan 569-1193
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Correspondent Nai	ne and Address	Area Code and Telephone Number	(703) 790-9110
Name	Nixon Peabody LLP		
Address (line 1)	8180 Greensboro Di	ive	
Address (line 2)	McLean, Virginia 22	2102	
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Address (line 4)			
Pages	Enter the total numincluding any attac	ther of pages of the attached conveyand	ce document # 3
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Eric J. I	Robinson	Signature	3/15/41 Date

Signature

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Name of Person Signing

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Address (line 1)				domestic representative should be attached. (Designation must be a
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## ASSIGNMENT

WHE	EREAS, <b>T</b>	<u> Faiji NODA, Hiroyuki UMIMOTO, Shinji ODA</u>	NAKA
		as the undersigned) has (have) invented certain HOD FOR FABRICATING SEMICONDUCTO	
fo	or which the u	undersigned has (have):	
(a)	* .	oplication for Letters Patent of the United States of Actember 15, 2000 having Serial No09/662,3	
(b)		an application for Letters Patent of the United States of the United Sta	of America on the
	/—	Matsushita Electronics Corporation	of
		uki-shi, Osaka 569-1193, Japan	
is desirous o	f acquiring th	I representatives and assigns (hereinafter designated he entire right, title and interest in and to said inven- may be granted therefor in the United States of Am	tion and in and to

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.

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:	November 27,	2000,	Taiji Noda Taiji NODA
Date:	Movember 27,	2000	Hirofuki UMIMOTO
Date:	November 27,	2000	Shinji Odanaka Shinji ODANAKA
Date:			
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Date:		<b>,</b>	
Date:			

**RECORDED: 12/26/2000**