FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

## 12-29-2000

101567036

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

0

Docket No. 0819-474

	a O	
	N FORM COVER SHEET	
	ENTS ONLY	
TO: The Commissioner of Patents and Trademarks: Ple	Conveyance Type	
Submission Type		
⊠ New	■ Assignment    □ Security Agreement    □	
Resubmission (Non-Recordation)	☐ License ☐ Change of Name	
Document ID #		
	☐ Merger ☐ Other ☐	
Correction of PTO Error	HS Comment	
Reel # Frame #	U.S. Government (For Use ONLY by U.S. Government Agencies)	
Corrective Document		
Reel # Frame #	☐ Departmental File ☐ Secret File	
Conveying Party(ies)	Mark if additional names of conveying parties attached	
	Effective Date Month Day Year	
Name (line 1) Masaaki NODA	December 12, 2000	
Name (line 2)		
	Effective Date	
Second Party	Month Day Year	
Name (line 1) Teruhisa IKUTA	December 12, 2000	
Name (line 2)		
	09 736230	
Receiving Party	Mark if additional names of receiving parties attached	
Name (line 1) Matsushita Electronics Corporation	☐ If document to be recorded	
is an assignment and the		
Name (line 2) receiving party is not domiciled in the United		
Address (line 1) 1-1 Saiwai-cho Takatsuki-shi domestic representative		
Address (line 1) 1-1, Saiwai-cho, Takatsuki-shi	should be attached.	
Address (line 2)	(Designation must be a separate document from	
	Assignment.)	
Address (line 3) Osaka Japan	569-1193	
	tate/Country Zip Code	
	Enter for the first Receiving Party only.	
Name		
Address (line 1)		
Address (line 2)		
Address (line 3)		
Address (line 4)	\$25 \$25 \$26 \$26	
FOR OI	FFICE USE ONLY	
	<u>0</u>	

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (06510-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patent and Trademarks, Box Assignments, Washington, D.C. 20231

nissioner of Patent and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT PATENT REEL: 011367 FRAME: 0640

NVA164375.1

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Docket No. 0819-474 Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	(703) 790-9110
Name NIXON PEABO	DDY LLP	
Address (line 1) 8180 Greensbor	o Drive, Suite 800	
Address (line 2) McLean, Virgin	ia 22102	
Address (line 3)		
Address (line 4)		
Pages Enter the total including any a	number of pages of the attached conveyand	ee document # 4
Application Number(s) or Patent Nu  Enter either the Trademark Applicati	nmber(s)  on Number or the Registration Number (DO NOT	Mark if additional numbers attached  ENTER BOTH numbers for the same property).
Patent Application Num	mber(s)	Patent Number(s)
If this document is being filed together was signed by the first name	rith a <u>new</u> Patent Application, enter the date the place of the place	patent Month Date Year December 12, 2000
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
Number of Properties En	ter the total number of properties involved.	. # 1
Fee Amount Fee	Amount for Properties Listed (37 CFR 3.41	40.00
Method of Payment: Deposit Account	Enclosed ⊠ Deposit Account □	count.)
(Enter for payment by deposit acco	Deposit Account Number:	# 19-2380
	Authorization to charge additional fe	ees: Yes 🗵 No 🗖
Statement and Signature		
To the best of my knowledg attached copy is a true copy indicated herein.	e and belief, the foregoing information is tru of the original document. Charges to depos	e and correct and any it account are authorized, as
Frie I Robinson	5	12/15/00

Signature

Eric J. Robinson
Name of Person Signing

Date

Attorne	y Docket	No.	
Auome	y Dockei	. INO	

## ASSIGNMENT

W	HEREAS, .	Masaak	<u> i NODA,</u>	Teruhisa IK	UTA		*	
				) has (have)			iew and u	ıseful
					r which the		ned has (ha	ave):
(a)	filed a	n application	for Letters	s Patent of the	United St	ates of Ar	nerica on	
	<del> </del>	<del></del>		having Seria	l No			; or
(b)		ed an applicate indicated be		tters Patent of	the United	States of	America o	n the
W	HEREAS, _	Ţ	<u>Matsushit</u>	a Electronics	Corporat	ion		of
1-1, Saiw	ai-cho, Tak	atsuki-shi, (	<u> Osaka 569</u>	-1193, Japan		ä		
its heirs, s	uccessors, l	egal represer	ntatives and	d assigns (her	einafter de	signated a	is the Assi	gnee)
is desirou	s of acquiring	ig the entire i	right, title	and interest in	n and to sai	id inventic	on and in a	nd to
any Letters Patent(s) that may be granted therefor in the United States of America;								

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: 011367 FRAME: 0642 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: December 12, 2000,	Masaaki MUDU
	Masaaki NODA
Date: December 12, 2000,	<u>Teruhisa Okuta</u> Teruhisa IKUTA
Date:	
Date:,	
Date:	
Date:,	
Date:,	
Date:,	

**RECORDED: 12/15/2000** 

PATENT REEL: 011367 FRAME: 0643