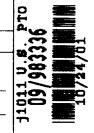
Form PTO-1595 (Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

101890519

HEET

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



	ATTORNEY DOCKET: 740819-679				
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.				
1. Name of conveying parties:	2. Name and address of receiving party(ies)				
Masanori MINAMIO, Hiroaki FUJIMOTO Ryuichi SAHARA, Toshiyuki FUKUDA	Name: Matsushita Electric Industrial Co., Ltd.				
Toru NOMURA	Internal Address: 1006, Oaza Kadoma, Kadoma-shi,				
Additional name(s) of conveying party(ies) attached ☐ Yes ☑ No	Osaka 571-8501, Japan				
3. Nature of conveyance:					
☑ Assignment☐ Merger☐ Security Agreement☐ Other☐ Other	Street Address:				
	City:State:Zip:				
Execution Date: October 19, 2001	Additional name(s) & address(es) attached? Yes No				
4. Application number(s) or patent number(s);					
If this document is being filed together with a new application					
A. Patent Application No.(s)	B. Patent No.(s)				
0002336					
09983336 Additional numbers at	tached? ☐ Yes ☐ No				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1				
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$40.00				
Name: Eric J. Robinson	, ,				
Internal Address: Nixon Peabody LLP	⊠ Enclosed				
	☐ Authorized to be charged to deposit account				
	8. Deposit account number:				
Street Address: 8180 Greensboro Drive,					
Suite 800	19-2380				
City: McLean State: VA Zip: 22102	(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 document.					
Eric J. Robinson	October 19, 2001				
Name of Person Signing	Signature Date				
	Total number of pages including cover sheet, attachments, and documents:3				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

10/25/2001 SBIRETAL 00000020 09983336

NVA201786.1

PATENT REEL: 012283 FRAME: 0301

Attorney	Docket	No.

ASSIGNMENT

WHE	EREAS <u>, Masa</u>	<u>anori MINAMIO, Hiroaki FUJIMOTO, Ryuichi SAHARA, To</u>	<u>)shiyuki</u>		
FUKUDA, and Toru NOMURA					
(hereinafter o	designated as	the undersigned) has (have) invented certain new and useful impro- DEVICE TUD MOTIOD FOR FIBRICATING THE SAME	vements		
for which the	e undersigned	d has (have):			
(a)	filed an ap	oplication for Letters Patent of the United States of America on having Serial No.	; or		
(b)		an application for Letters Patent of the United States of America dicated below; and	a on the		
	·	Matsushita Electric Industrial Co., Ltd. Ladoma-shi, Osaka 571-8501, Japan	of		
		al representatives and assigns (hereinafter designated as the Assi	gnee) is		
desirous of a	acquiring the	entire right, title and interest in and to said invention and in and y 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.

PATENT REEL: 012283 FRAME: 0302 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:	October 19, 2001	Masanovi Minamio
	,	Masanori MINAMIO
Date:	October 10,2001 ,	Hiroaki Fijimato
		Hiroaki FUJIMOTO
Date:	October 19, 2001	Rywichi Sahara Rywichi SAHARA
		Ryuichi SAHARA
Date:	October 10, 2001,	Foshývkí Frekuda
		Toshiyuki FUKUDA
Date:	October 10,2001	Jora hamun
		Toru NOMURA
Date:		
Date:		
Date:		

RECORDED: 10/24/2001

PATENT REEL: 012283 FRAME: 0303