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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No. 740819-866

3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name			
Other Execution Date: 1) - 5) August 19, 2002	City: <u>Kadoma-shi</u> State: <u>Osaka</u> Zip: Country: <u>Japan</u> Postal Code: <u>571-8501</u> Additional name(s) & address(es) attached? □ Yes ☑ No		
 Application number(s) or patent number(s); If this document is being filed together with a new apple 2002; August 19, 2002; August 19, 2002; August 19 A. Patent Application No.(s) 	9, 2002; August 19, 2002; B. Patent No.(s)		
5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Thomas W. Cole Firm Name: Nixon Peabody LLP Internal Address: Suite 800 Street Address: 8180 Greensboro Drive, City: McLean State: VA Zip: 22102	7. Total number of applications and patents involve 8. Total fee (37 CFR 3.41)\$40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account		
6. Submission Type ☑ New □ Resubmission (Non-Recordation) □ Document ID# □ Correction of PTO Error Reel # Frame # □ Corrective Document Reel # Frame #	9. Deposit account number: 19-2380 (740819-866) (Attach duplicate copy of this page if paying by deposit account		
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true copy of the original document. Thomas W. Cole Name of Person Signing	g information is true and correct and any attached copy Signature August 22, 2002 Date		
	er sheet, attachments, and documents: 03		
Thereby certify that this correspondence is being deposited with the United States for Patents, Washington, DC 20231, on	TE OF MAILING S Postal Service with sufficient postage as first class mail in an envelope addressed to Com Name:		

PATENT REEL: 013215 FRAME: 0984

Attorney Docket	No.	

ASSIGNMENT

W	HEREAS,	Yutaka OTANI, Masahiko SASADA, Nobuo T	<u>AKETANI, Masahiro</u>
TAKESHI	MA, Hiroshi l	MORIBE (hereinaft	er designated as the
undersigne	d) has (have)	invented certain new and useful improvements in	
ATTOMA	TIC CUT-C	FF SYSTEM	
		for which the unde	rsigned has (have):
(a)	filed an appl	ication for Letters Patent of the United States of Americ	a on
		having Serial No.	; or
(b)	executed an indicated be	application for Letters Patent of the United States of Allow; and	America on the date(s)
W	HEREAS,	Matsushita Electric Industrial Co., Ltd.	of
1006, Oaza	a Kadoma, K	adoma-shi, Osaka 571-8501, Japan	
desirous of	acquiring the	Il representatives and assigns (hereinafter designated as entire right, title and interest in and to said invention an	O /
ratent(s) th	iat may be gra	nted 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: 013215 FRAME: 0985 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:	August 19, 2002	Jutaka Otani
Date.		Yutaka OTANI
Date:	August 19, 2002 ,	Masahiko Sasada Masahiko SASADA
Date:	August 19, 2002 ,	Nobuo TAKETANI
Date:	August 19, 2002 ,	Masahiro Takeshima Masahiro TAKESHIMA
Date:	August 19, 2002 ,	Hiroshi Moribe Hiroshi MORIBE
Date:		
Date:	,	
Date:	,	

RECORDED: 08/22/2002

PATENT REEL: 013215 FRAME: 0986