U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
RECORDATION FO		
PATENT	SONLY	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original do	ocuments or copy thereof.	
Name of conveying party(ies): Eiichi TAKATA, Yasuji YAMAMOTO, Genji INUIDANI, and Michio KADOTA	2. Name and address of receiving party(ies):	
Additional name(s) of conveying party(ies) attached? ☐ yes 図no	(2a.) Name: Murata Manufacturing Co., Ltd. Address: <u>26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555,</u> Japan	
3. Name of Conveyance:	(2b.) Name Address:	
Assignment	Additional name(s) & address(es) attached? □yes 図no	
Execution Date: May 9, 10, and 19, 2003		
4. Application number(s) or patent number(s): 10/410,433		
If this document is being filed together with a new application, the executio		
A. Patent Application No.(s) 10/410,433	B. Patent No.(s)	
Additional numbers att	ached □ yes •□no	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: one	
Name: Joseph R. Keating, Esq. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030	7. Total fee (37 CFR 3.41):\$ 40.00	
	Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account	
	8. Deposit account number: 50-1353	
DO NOT USE	THIS SPACE	
9. Statement and signature.		
_	and correct and any attached copy is a true copy of the original document.	
Joseph R. Keating, Reg. No. 37,368 Name of Person Signing Signar	1 706 June 18, 2003	
Total number of pages comprising cover sheet, attachments and document: 3		
	issioner for Patents signment	
	n, D.C. 20231 PATENT	

700033762 REEL: 013745 FRAME: 0341

Attorney Docket No.: 36856.1056

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Eiichi TAKATA, Yasuji YAMAMOTO, Genji INUIDAN	I,
and Michio KADOTA (hereinafter referred to as ASSIGNOR), have invented and ow	vn a
certain invention entitled METHOD FOR MANUFACTURING ELECTRONIC	
COMPONENT, ELECTRONIC COMPONENT, AND SURFACE ACOUSTIC	
WAVE FILTER for which application for Letters Patent of the United States has been	n

	executed on even date herewith;	
<u> </u>	filed on April 9, 2003	_ as Serial No. <u>10/410,433</u> .

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated:	May 9, 2003	Eiichi Takata
	•	Eiichi TAKATA
Dated:	May 10, 2003	yasiji yamamoto
		Yasuji YAMAMOTO

PATENT REEL: 013745 FRAME: 0342

Dated: May 9, 2003

Dated: May 19, 2003

RECORDED: 06/18/2003

PATENT REEL: 013745 FRAME: 0343