## **U.S. PATENT AND TRADEMARK OFFICE**

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	1 - 2001 U.S. DEPARTMENT OF COMMERCE Patent and Tradement of the Patent and Tradement	
To the Honorable Commissioner of Patents and Trademarks: Pla 101829922		
Name of conveying party(ies): Takeshi NAKAMUKA	2. Name and address of receiving party(ies): (2a.)	
Additional name(s) of conveying party(ies) attached? ☐ yes 図no	Name: Murata Manufacturing Co., Ltd. Address: 26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan	
3. Name of Conveyance:	(2b.) Name	
<b>□</b>	Address:	
★ Assignment		
Security Agreement	Additional name(s) & address(es) attached? □yes เeno	
Other	-	
Execution Date: August 10, 2001	1000 0 110	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the exec		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached □ 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: <u>Joseph R. Keating, Esq.</u> Internal Address: <u>KEATING &amp; BENNETT LLP</u>		
Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030	7. Total fee (37 CFR 3.41):\$ 40.00	
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Total number of pages comprising cover sheet, attachments and document: 2		
Mail documents to be recorded with required cover sheet information to:  Assistant Commissioner for Patents		
Box Assignment		

PATENT REEL: 12113 FRAME: 0814

Attorney Docket No.: 36856.544

## ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Takeshi NAKAMURA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled <u>AMPLIFIER CIRCUIT AND ELECTRONIC APPARATUS USING THE SAME</u> for which application for Letters Patent of the United States has been

_X_	executed on even date herewith;	
	filed on	as Serial No.

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyoshi, 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: 8/10/200/ Takeshi NAKAMURA

RECORDED: 08/21/2001

PATENT REEL: 12113 FRAME: 0815