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Form PTO-1595 1 U.S. DEPARTMENT OF				
(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	101994604  U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
	. Please record the attached original documents or copy thereof			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Hiroyuki Nakamura, Toru Yamada, Shigeru Tsuzuki &	1			
Kazunori Nishimura  1-11-02	Internal Address:			
·				
Additional name(s) of conveying party(ies) attached?	Street Address: 1006, Oaza Kadoma, Kadoma-shi			
3. Nature of Conveyance:	City: Osaka			
Assignment	State:			
Security Agreement Change of Name	Zip: <u>571-8501</u>			
Correction of Assignment Recordation	Country: Japan			
(previously recorded at Reel, Frame)  Other	<u> </u>			
Oulei	Additional name(s) & address(es) attached?			
Execution Date: December 10, 2001	ON CONTRACTOR OF THE CONTRACTO			
4. Application number(s) or patent number(s):	Lieutine the amounting data of the annual MECEINA			
If this document is being filed together with a new app	olication, the execution date of the application is CEIV			
A. Patent Application Number(s) 09/951,658	B. Patent Number(s)			
	FEB 11 2002			
Additional number(s) attached?	11 [			
	· ·			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1			
concerning document should be mailed:	7. This (27. OPP 2.41)			
Name: <u>Allan Ratner</u>	7. Total fee (37 CFR 3.41): \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
Internal Address: Ratner & Prestia	Enclosed			
Street Address: Suite 301	Authorized to be charged to deposit account			
One Westlakes	8. Deposit account number: 18-0350			
Berwyn, P.O. Box 980	(Attach duplicate copy of this page if paying by deposit account.)			
City:         Valley Forge         State:         PA           ZIP:         19482-0980				
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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.				
1/1/1/1	1/10/02			
Name of Person Signing Signature Date				
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USPTO Form 1595 [R&P]

**PATENT** REEL: 012601 FRAME: 0399

## **ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

## Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

ASSIGNEE (Full Name and address)

1.	Hiroyuki NAKAMURA	2	Toru YAMADA
3.	Shigeru TSUZUKI	4.	Kazunori NISHIMURA
ha	s made an invention entitled: SUI	RFAC	CE ACOUSTIC WAVE FILTER AN
C	OMMUNICATION APPARATU:	s WI	TH THE SAME
	d has executed an application for lancurrently herewith;	Lettei	rs Patent of the United States
M	WHEREAS, the ASSIGNEE latsushita Electric Industrial Co.		
of	1006, Oaza Kadoma, Kadoma-	shi, (	Osaka 571-8501 JAPAN

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

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PATENT REEL: 012601 FRAME: 0400 ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)				
1. Hiroyuki NAKAMURA	Hiroyuki hakamura	December 10, 2001				
2. Toru YAMADA	Toru Jamada	December 10, 2001				
3. Shigeru TSUZUKI	Shigeru Yougake	December 10, 2001				
4. Kazunori NISHIMURA	Lazunori nishimura	December 10, 2001				
Application for United States Letters Patent						
Serial No. <u>09/951,658</u>	Filed Septemb	per 13,,2001				
Attorney Docket No. MTS-3273US .						

**RECORDED: 02/11/2002** 

**SIGNATURE** 

PATENT REEL: 012601 FRAME: 0401