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U.S. DEPARTMENT OF COMMERCE

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10.20.03				
To the Honorable Commissioner of Patents and 102595	original documents or copy thereof.			
Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Kosuke Nishimura	Name: UBE INDUSTRIES, LTD. 0, 4			
Masataka Fujinaga	Street Address: 1978-96, O-Aza Kogushi,			
Masahide Kondo	City, State Zip			
Additional name(s) of conveying party(ies) attached?  Yes No	Additional name(s) & address(es) attached? ☐Yes ☒ No			
3. Nature of conveyance:  ☐ Assignment ☐ Security Agreement ☐ Merger ☐ Change of Name ☐ Other				
Execution Date(s): October 24, 2003				
4. Application number(s) or patent number(s): 101697474  If this document is being filed together with a new application, the execution date of the application is: October 24, 2003  A. Patent Application No.(s) filed				
A. Patent Application No.(s) filed  Additional numbers attached? □Yes ☒ No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved			
Name: Ronald R. Santucci	7. Total fee (37 CFR 3.41) \$ 40.00			
Internal Address: FROMMER LAWRENCE & HAUG LLP	Enclosed Authorized to be charged to deposit account 50-0320			
Street Address: 745 FIFTH AVENUE	8. Deposit account number: 50-0320  (Arealy deplicate account file account)			
City: NEW YORK State: N.Y. Zip: 10151	(Attach duplicate copy of this page if paying by deposit account)			
Do not use this space				
9. <u>Statement and signature</u> . 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.				
Ronald R. Santucci, Reg. No. 28,988	October 30, 2003			
Name of Person Signing Sign	Date ature Total number of pages including cover sheet, attachments, and document: 2			
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.				

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## INVENTION/PATENT APPLICATION ASSIGNMENT FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE Kosuke Nishimura of Yamaguchi, Japan, Masataka Fujinaga of Yamaguchi, Japan, Masahide Kondo of Yamaguchi, Japan, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

BAND-PASS FILTER USING FILM BULK ACOUSTIC RESONATOR

, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

for which an application for United States Letters Patent was filed on by United States Serial No.

, and identified

AND WHEREAS, **UBE INDUSTRIES, LTD.** a corporation of the State of **Japan** and having an address of **1978-96**, **O-Aza Kogushi**, **Ube-shi**, **Yamaguchi**, **Japan**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assigne, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

	October 2	24,	2003	Kosuke Nishimura
Date				Kosuke Nishimura
	October 2	24,	2003	Masataka Fujingga Masataka Fujinaga
Date				Masataka Fuj <b>ú</b> nagá
	October 2	24,	2003	Masahide Kondo Masahide Kondo
Date				Masahide Kondo

Assignment

Express Mail No. EV195883920US

**RECORDED: 10/30/2003**