Form PTO-1595	04 - 2003 U.S. DEPARTMENT OF COMMERCE
1164. 05/01)	U.S. Faterit and Trademark Office
To the Honorable Commissioner 102	464032 ed original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies)
Natsuo TATSUMI 2. >3	Name: Sumitomo Electric Industries, Ltd.
Takahiro IMAI	Internal Address:
	internal y address.
Additional name(s) of conveying party(ies) attached? 🖳 Yes 🕻	1 No −−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−
3. Nature of conveyance:	
Assignment	
☐ Security Agreement ☐ Change of Na	Street Address: 5-33, Kitahama 4-chome,
- · · · ·	Chuo-ku
Other	Country
	City: Osaka-shi State: JAPAN Zip:541-0041
Execution Date: December 23, 2002	Additional name(s) & address(es) attached?
4. Application number(s) or patent number(s):	
If this document is being filed together with a new	v application, the execution date of the application is: 12/23/2002
A. Patent Application No.(s)	B. Patent No.(s)
Additional num	bers attached? ☐ Yes ☑ No
5. Name and address of party to whom corresponde	
concerning document should be mailed:	Same
Name: James W. Judge	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: Customer Number: 294	453 Enclosed
/ *************************************	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: Rivière Shukugawa 3rd	F1.
3-1 Wakamatsu-cho	
Country	(Attach duplicate copy of this page if paying by deposit account)
CityNishinomiya-shiState: JAPAN Zip: 662-00	U33
DO NOT USE THIS SPACE	
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.	February 20, 2003
James W. Judge Name of Person Signing	Signature Date

Total number of pages including cover sheet, attackments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

RECORDED: 02/23/2003

ASSIGNMENT OF PATENT APPLICATION

Whereas, Natsuo TATSUMI and Takahiro IMAI
citizen(s) of Japan and hereinafter referred to as the applicant, has invented certain new and useful improvements in
DIAMOND SUBSTRATE HAVING PIEZOELECTRIC THIN FILM, AND METHOD FOR
MANUFACTURING IT
for which the applicant executed an application for United States Patent on the latest date next to the signature(s) below,
for which United States Patent Application Number/
was filed on,
and whereas, Sumitomo Electric Industries, Ltd., a corporation organized and existing under the laws of Japan and
hereinafter referred to as the assignee, whose mailing address is
5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan
is desirous of acquiring the entire rights in the patent application named above, and insofar as the same yields any United States patent(s), the title to and interest in the same:
Now, therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the applicant assigns, and transfers, unto the assignee, the entire rights in the patent application, and the title to and interest in the same insofar as the same yields any United States patent(s); and the applicant hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all any such patent(s) to the assignee, as that of the entire title to and interest in any such patent(s), for the sole use and behoof of the assignee and the assignee's legal representatives, as fully and entirely as any such patent(s) would have been held by the applicant had the present assignment not been made.
In testimony whereof the applicant(s) have below executed this assignment.
Signature(s) and date(s):
Natino Tatiumi Dec., 23, 2002
Natino Tatiumi Dec., 23, 2002 Talsorhir Dnui Dec., 23, 2002

PATENT REEL: 014116 FRAME: 0165