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U.S DEPARTMENT OF COMMERCE Patent and Trademark Office



To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies)? 1. Name of conveying party(ies): Ryosuke O. SUZUKI, Rieko ISHII, Tadao NISHIYAMA and Hitoshi IIJIMA Name: SHOWA CABOT SUPERMETALS K.K. Internal Address: 111, Aza-Hasechi, Oaza-Higashinagahara Kawahigashi-cho, Kawanuma-gun, Fukushima 969-3431 JAPAN Additional name(s) of conveying party(ies) attached? Street Address: ____ yes __<u>x</u> no Same as above State Zip City 3. Nature of Conveyance: Additional name(s) & address(es) attached? <u>x</u> Assignment ___ Merger ____ yes ___<u>x</u> no ___ Change of Name Security Agreement Other Execution Date: May 11,16,17 and 24, 2000 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: April 20, 24 and May 24, 2000 B. Patent No(s). A. Patent Application No.(s) x No Additional numbers attached? 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: One (1) SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. 7. Total Fee (37 CFR 3.41): Suite 800 x Enclosed. Please charge any underpayment in Washington, D.C. 20037-3202 connection with this Assignment to Deposit Account No. 19-4880. Authorized to be charged to Deposit Account 8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) 06/2**3**/2000 ASCUT DO NOT WRITE IN 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. Bruce & Kiamer Waddell A. Biggart TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

ASSIGNMENT

Whereas, we, Ryosuke O. SUZUKI, Rieko ISHII and Tadao NISHIYAMA, three of Kyoto, JAPAN, and Hitoshi IIJIMA of Fukushima, JAPAN

hereinafter called assignor(s), have invented certain improvements in

POWDERED TANTALUM, NIOBIUM, PRODUCTION PROCESS THEREOF, AND POROUS SINTERED BODY AND SOLID ELECTROLYTIC CAPACITOR USING THE POWDERED TANTALUM OR NIOBIUM

and executed an application for Letters Patent of the United States of America therefor on

April 20, April 24 and May 24, 2000; and

Whereas,

SHOWA CABOT SUPERMETALS K.K. 111, Aza-Hasechi, Oaza-Higashinagahara Kawahigashi-cho, Kawanuma-gun, Fukushima

969-3431 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor:

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number___ _____, filed___ _____) the filing date and application number of said application when known.

Date: 16 May 2000 s/ Lytsuber C. Sutuli

Ryosuke O. SUZUKI

Date: 24 May 2000 st Kiko

Date: 2000/5/17 s/ Jadao

Date: 200/5/11 si_ Nitosk

RECORDED: 06/08/2000