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To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof
Name of Conveying Party(ics): Toshimune YOSHINAGA; Kenji FUKUNAGA and oji KASE	2. Name and address of receiving party(ies)  Name: Ube Industries, Ltd.  Address: 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi, JAPAN
Yes No  Nature of Conveyance:  Assignment Merger  Security Agreement Change of Name  Other:  Execution Date: April 19, 2006	Additional name(s) and address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):  This document is being filed with a new application, the execut  A. Patent Application No(s).  11/335,481	tion date of the application is:  B. Patent No(s).  dditional 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:
Customer No.: <u>00466</u> YOUNG & THOMPSON Second Floor 745 South 23 <sup>rd</sup> Street Arlington, VA 22202 Phone: 703-521-2297	7. Total fee (37 CFR 3.41)\$40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit Account No. 25-0120  (Attach duplicate copy of this page if paying by deposit account)
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**PATENT REEL: 017601 FRAME: 0739** 

Attorney	Docket	No.	
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## ASSIGNMENT

	ASSIGNALAL
WHEREAS,	
	Toshimune YOSHINAGA
	THE THE PROPERTY OF THE PROPER
	Void KASE
	TOTT REPORT
hereafter refe "METHOD F <u>O</u> F	erred to as "applicant(s)", have invented certain new and useful improvements in MANUFACTURING POLYIMIDE ASYMMETRIC MEMBRANE, AND POLYIMIDE
	MEMBRANE"
(a)	for which an application for a United States patent was filed on
	January 20, 2006, Application No
(b)	for which an application for a United States patent was executed on
167117	REAS, Ube Industries, Ltd.
WHE	ess is 1978-96, Oaza Koqushi, Ube-shi, Yamaguchi, Japan
and to the se NOV whereof is presents, do the said inv patents whill the use and may be gra- assignment	referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in ame,  V, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt acknowledged, and other good and valuable consideration, applicant(s), by these o(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to rention in the United States and the entire right, title and interest in and to any and all ch may be granted therefore in the United States, for its sole use and behoof, and for dependent of its legal representatives, to the full end of the term for which said patents anted, as fully and entirely as the same would have been held by applicant(s) had this tand sale not been made.  Silicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and so issue said United States patents to said assignee(s).
	il 19, 2006, Joshimune Yoshinaga (signature) (Toshimune Yoshinaga)
Date <u>Apr</u>	il 19, 2006 (signature)(Kenji FUKUNAGA)
Date _Apr	il 19, 2006 , (signature) (Yoji KASE)
	(signature)
Date	(signature)

**PATENT REEL: 017601 FRAME: 0740** 

**RECORDED: 05/09/2006**