
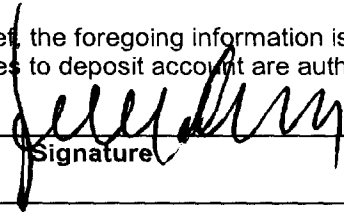
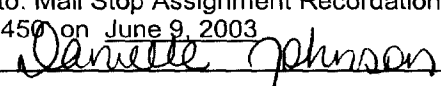


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Name of conveying Party(ies): Hiroaki YAMAGUCHI Fumio AOKI		Execution Date (M / D / Y): January 5, 2001 January 5, 2001
Name of receiving Party(ies): UBE INDUSTRIES, LTD. Address of receiving Party(ies): 1978-96, O-Aza Kogushi Ube-shi, Yamaguchi, 755-8633 Japan		
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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. Charges to deposit account are authorized, as indicated herein. <div style="display: flex; justify-content: space-between;"> <div> Jules E. Goldberg Reg. No.: 24,408 Name of Person Signing </div> <div style="text-align: center;">  Signature </div> <div> Date: June 9, 2003 </div> </div>		
MAILING CERTIFICATE I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 9, 2003 <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>  _____ </div> <div> /Danielle Johnson </div> </div>		

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**ASSIGNMENT - PATENT APPLICATION
UNITED STATES OF AMERICA**

Whereas, ~~I/We~~ (1) Hiroaki Yamaguchi and Fumio Aoki

of (2) c/o Ube Industries, Ltd., Seavans North Bldg., 1-2-1, Shibaura, Minato-ku,
Tokyo, 105-8449 Japan and c/o Polymer Research Laboratories, Ube Industries, Ltd.,
8-1, Goi Minami-Kaigan, Ichihara-shi, Chiba, 290-8550 Japan (hereinafter "Assignor")

have invented certain new and useful improvements in

(3) METAL FILM/AROMATIC POLYIMIDE FILM LAMINATE

for which application for
Letters Patent in the United States of America (4) ☒ is about to be filed. ☐ has been filed.

And Whereas, (5) Ube Industries, Ltd.

of (6) 1978-96, O-Aza Kogushi, Ube-shi, Yamaguchi, 755-8633 Japan (hereinafter "Assignee")

is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, therefore, be it known by all whom it may concern, that for good and valuable consideration
(the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these
presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America,
the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the
specification.

A. prepared and executed on (8) even date herewith

(7) B. filed in the U.S. Patent and Trademark Office under Serial No. (9) _____ on (10) _____

including any division, continuation, substitute or renewal application thereof; said invention, application and
Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters Patent
is granted, as fully and entirely as the same would have been held by the Assignor had this assignment and
transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue
any and all such Letters Patent for said invention to said Assignee.

In testimony whereof, the Assignor has hereunto set his hand this

(11) 5th day of January 2001.

WITNESS:

INVENTOR(S):

(1) Hiroaki Yamaguchi
(2) Fumio Aoki
(3) _____
(4) _____

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