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U.S. DEPARTMENT OF COMMERCE
JC18 Rec'd PCT/PTO 25 MAY 2001
ET
Patent and Trademark Office
Docket No. 360842007900

05/25/

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): 1. Shunji KONO 2. Akihiko ITO 3. Yoshinari FUSAOKA</p> <p><input checked="" type="checkbox"/> Individual(s) <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Corporation-State <input type="checkbox"/> Other</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies):</p> <p>TORAL INDUSTRIES INC. 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku Tokyo 103-8666 Japan</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: May 16, 2001</p>		
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: May 16, 2001</p> <p>A. Patent Application No.(s) B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account, referencing Attorney Docket 360842007900</p> <p>8. Deposit account number: <u>03-1952</u></p>	

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.**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.

Name: Barry E. Bretschneider Signature: Alex Chutune Date: May 25, 2001
Registration No: 28,055 31,942

Total number of pages comprising cover sheet, attachments and document: 2

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dc-264241

PATENT
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ASSIGNMENT

WHEREAS, We, Shunji KONO, a citizen of Japan, residing at 10-B1-25, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 Japan; Akihiko ITO, a citizen of Japan residing at Toray Seien-ryo Kita 206, 15-1, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 Japan and Yoshinari FUSAOKA, a citizen of Japan, residing at 1-39, Nonomiya-cho, Yokaichi-shi, Shiga 527-0026 Japan (hereinafter referred to as the undersigned), having made an invention entitled A METHOD OF PRODUCING A COMPOSITE SEMIPERMEABLE MEMBRANE the undersigned executed an application for Letters Patent of the United States of America,

WHEREAS, Toray Industries, Inc., a corporation of Japan, with offices at 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 Japan (hereinafter referred to as assignee), is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said patent application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on May 16, 2001, Otsu-shi, Shiga

Witnesses:

The Undersigned:

Shunji Kono
Shunji KONO

Akihiko Ito
Akihiko ITO

Yoshinari Fusaoka
Yoshinari FUSAOKA