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Hiroki FUJIOKA
Hirotoishi ISHIZUKA
Takatoshi SASAKI

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
NITTO DENKO CORPORATION
1-2, Shimohozumi 1-chome, Ibaraki-shi
Osaka, Japan

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3. Nature of conveyance:
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5-19-04

Execution Date: April 19, 2004

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 19, 2004
A. Patent Application No.(s)
Not yet assigned

Additional numbers attached? Yes No
B. Patent No.(s)
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5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
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6. Total number of applications and patents involved:
1
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PATENT
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ASSIGNMENT

Whereas, I/we, **Hiroki FUJIOKA, Hirotoshi ISHIZUKA and Takatoshi SASAKI,**
 all of Osaka, Japan
 hereinafter called assignor(s), have invented certain improvements in
HYDROPHILIZED POROUS FILM AND PROCESS FOR PRODUCING THE SAME
 and executed an application for Letters Patent of the United States of America therefor on
April 19, 2004 ; and

Whereas, **NITTO DENKO CORPORATION** of
1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, 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,

I/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 I/we request the Director – U.S. Patent and Trademark Office to issue any
 Letters Patent granted upon the invention set forth in the application to the assignee, its successors
 and assigns; and I/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.

I/We hereby authorize and request my/our attorneys **SUGHRUE MION, 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: **April 19, 2004** s/ Hiroki Fujioka

Date: **April 19, 2004** s/ Hirotoshi Ishizuka

Date: **April 19, 2004** s/ Takatoshi Sasaki

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)