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1. Tomohiro Kitagawa			May 28, 1996				
2. Hidehiko Sakurai			May 28, 1996				
3. Takafumi Hayashi 4. Makata Obaa			May 28, 1996				
 Makoto Ohno 		- -		IVIa	ay 28, 1996		
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John Kilyk Jr., Reg. No. 30,763				Telephone: (312) 616-5600 Facsimile: (312) 616-5700			
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ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- 1. Tomohiro KITAGAWA; c/o TOYO BOSEKI KABUSHIKI KAISHA Research Center, 1-1, 2-chome, Katata, Ohtsu-shi, Shiga-ken Japan
- 2. Hidehiko SAKURAI; C/O TOYO BOSEKI KABUSHIKI KAISHA Research Center, 1-1, 2-chome, Katata, Ohtsu-shi, Shiga-ken Japan
- 3. Takafumi HAYASHI; c/o TOYO BOSEKI KABUSHIKI KAISHA Research Center, 1-1, 2-chome, Katata, Ohtsu-shi, Shiga-ken Japin
- 4. Makoto OHNO; c/o TOYO BOSEKI KABUSHIKI KAISHA Research Center, 1-1, 2-chome, Katata, Ohtsu-shi, Shiga-ken Japan

had invented and owns a certain invention entitled:

PLASMA SEPARATION FILTER, PLASMA SEPARATION METHON USING THE SAME AND PLASMA SEPARATION APPARATUS

for which application for Letters Patent of the Unitial States was executed on even date herewith, Serial No. 08/665,020 and

WHEREAS, the ASSIGNEE:

TOYO BOSEKI KABUSHIKI KAISHA 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Paterit to be obtained therefor;

Page 1 of 3

PATENT REEL: 9635 FRAME: 0436

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be to known that in consideration of the payment by ASSIGNEE by ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, up(n it; request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 28th day of May , 1996.

Page 2 of 3

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1. Comphine Kilagawa (Tomohiro KITAG

Hidshiks Jakunal' (Hideniko SAKURAI) 2. Hidshy

3. Jakafumi Hayashi (Takafumi Hayashi)

4. makato Ohno (Makoto OHNO)

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