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Harumi TAKABATAKE and Tsutomu NOSU		Name: KYOWA CHEMICAL INDUSTRY CO., LTD.		
Additional name(s) of conveying party(ies) attached? No		Street Address: <u>305, Yashimanishimachi, Takamatsu-shi</u>		
3. Nature of conveyance:		City: <u>Kagawa</u> Country: <u>Japan</u>		
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Execution Date: December 18, 2003				
Application number(s) or patent number(s):				
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Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u> Attn: Michael R. Davis , Esq.		7. Total fee (37 CFR 3.41) \$ 40.00		
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PATENT REEL: 015496 FRAME: 0764

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Harumi TAKABATAKE and Tsutomu NOSU

residing at Sakaide-shi, KAGAWA, JAPAN

Insert Name(s) of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

KYOWA CHEMICAL INDUSTRY CO., LTD.

of 305, Yashimanishimachi, Takamatsu-shi, KAGAWA 761-0113 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of Invention

Address

CRUDE POLYETHER PURIFICATION PROCESS AND ADSORBENT

for which an application for patent in the United States has been executed by the undersigned

Date of Signing of Application

December 18, 2003

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

PATENT REEL: 015496 FRAME: 0765

In witness whereof, executed name(s).	d by the undersigned on the date(s) opposite the undersigned
Date December 18, 2003	Name of the Inventor Harumi Takabatake
	Name of the Inventor Tsutomer Prosice.
Date,	Name of the Inventor
	Name of the Inventor
Date,	Name of the Inventor
Date,	Name of the Inventor
Date,	Name of the Inventor
(This assignment should prei then the execution by the Inventor(s	ferably be acknowledged before a United States Consul. If not, should be witnessed by at least two witnesses who sign here.)
Witness	- PENNING
Witness	<u> </u>
AC	CKNOWLEDGMENT
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personally came the above-named m	day of
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