



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

102474541

OX ASSIGNMENTS RECORDATION  
SERVICES

1. Name of conveying parties: 1) Kew-Ho LEE 2) Bongkuk SEA 3) Min Young YOUN 4) Dong-Wook LEE 5) Yoon-Gyu LEE	6-9-03	2. Name and address of receiving party: Name: Korea Research Institute of Chemical Technology
--	--------	--

Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
--	-------------------

3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:	Street Address: 100, Jang-dong, Yusung-ku, Daejeon 305-343, Republic of Korea	City:	State:	Zip Code:
--	--	-------	--------	-----------

Execution Date: April 21, 2003	Additional name & Address attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--------------------------------	---

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: April 21, 2003	
A. Patent Application Number: 10,456,579 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent Number: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mr. Ernest F. Chapman Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 1300 I Street, N.W. City: Washington, D.C. State: Zip: 20005-3315	6. Total number of applications and registrations involved: 1
	7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account
	8. Deposit Account No.: 06-0916

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.

Ernest F. Chapman  
Registration No. 25,961

Signature

June 9, 2003  
Date

Total number of pages including cover sheet, attachments and documents: 2

A S S I G N M E N T

WHEREAS I/WE, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**A METHOD FOR PREPARING DIMETHYLETHER USING MEMBRANE REACTOR WITH SEPARATION AND REACTION**

for which I/WE executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on \_\_\_\_\_, 20\_\_\_\_ (Serial No. \_\_\_\_\_); and

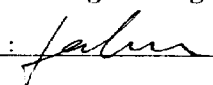
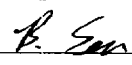
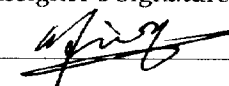
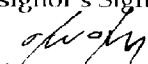
WHEREAS, **Korea Research Institute of Chemical Technology**, a corporation of **Republic of Korea**, whose post office address is **100, Jang-dong, Yusung-ku, Daejeon 305-343, Republic of Korea** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

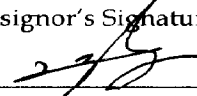
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature : Date  
LEE, KEW-HO :  : April 29, 2003  
Address : Citizenship  
133-205, Hanbit Apt., Uheun-dong, Yusung-ku 305-755, Daejeon, Republic of Korea : KR
2. Full Name of Second Assignor : Assignor's Signature : Date  
SEA, BONGKUK :  : April 29, 2003  
Address : Citizenship  
103-1005, Hanbit Apt., Uheun-dong, Yusung-ku 305-755, Daejeon, Republic of Korea : KR
3. Full Name of Third Assignor : Assignor's Signature : Date  
YOUN, MIN YOUNG :  : April 29, 2003  
Address : Citizenship  
128-1507, Hanbit Apt., Uheun-dong, Yusung-ku 305-755, Daejeon, Republic of Korea : KR
4. Full Name of Fourth Assignor : Assignor's Signature : Date  
LEE, DONG-WOOK :  : April 29, 2003  
Address : Citizenship  
602-16 Joong-dong, Soosung-ku 706-838, Daegu, Republic of Korea : KR

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

5. Full Name of Fifth Assignor : Assignor's Signature : Date  
LEE, YOON-GYU :  : April 29, 2003  
Address : Citizenship  
2-402 Kyung-sung-Mansion, 23-1 Hongdo-dong, Dong-ku 300-835, Daejeon, Republic of Korea : KR

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

RECORDED: 06/09/2003

PATENT  
REEL: 014160 FRAME: 0297