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19 Rec'd PCT/PTO 30 APR 2003

Form PTO-1595 (Rev. 03/01)		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE	
OMB No. 0651-0027 (exp. 5/31/2002)		PATENTS ONLY		U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): SHIMIZU, Toshimi IWAURA, Rika MASUDA, Mitsutoshi		2. Name and address of receiving party(ies) Name: Japan Science and Technology Corporation Internal Address: _____ _____ _____ Street Address: 4-1-8, Honcho Kawaguchi-shi _____ _____ City: Saitama State: JAPAN Zip: 332-0012			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
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 _____		Execution Date: March 17, 2003			
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: 03/17/03					
A. Patent Application No.(s) PCT/JP02/02462		B. Patent No.(s)			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gary C. Cohn PLLC Internal Address: _____ _____ _____ Street Address: 4010 Lake Washington Blvd., NE Suite 105 City: Kirkland State: WA Zip: 98033		6. Total number of applications and patents involved: <input type="text" value="1"/>			
		7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account			
		8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)			
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature. <i>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.</i>					
Gary C. Cohn Name of Person Signing		 Signature		April 30, 2003 Date	
Total number of pages including cover sheet, attachments, and documents: <input type="text" value="3"/>					

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Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

PATENT  
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Recordation Form Cover Sheet Additional Attachment

2. Name and Address of Receiving Party(ies)

Name: National Institute of Advanced Industrial Science  
and Technology

Address: 1-3-1, Kasumigaseki, Chiyoda-ku

City: Tokyo

State: Japan

Zip: 100-8921

**ASSIGNMENT**

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

Catalyst for esterification reactions and transesterification reactions, and a method of producing esters

- for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date;
- for which U. S. Application Serial No. \_\_\_\_\_ for Letters Patent was filed in the U. S. Patent and Trademark Office on \_\_\_\_\_.
- and for which an International Application was filed on May 15, 2002, PCT/JP02/02462, designating the United States.

- AND WHEREAS, 1) JAPAN SCIENCE AND TECHNOLOGY CORPORATION  
4-1-8, Honcho Kawaguchi-shi, Saitama 332-0012 JAPAN
- 2) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY  
1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 JAPAN

Hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereof, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, ASSIGNEE and its assigns and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE or its assigns or legal representative and to execute any other papers that may be needed in connection with filing said application and securing a Letters Patent thereon.

AND ASSIGNOR authorized and request the Commissioner of Patent and Trademarks to issue a Letters Patent on said application, and on any and all division and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Toshimi SHIMIZU	<i>Toshimi Shimizu</i>	Mar 17, 2003
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Rika IWAURA	<i>Rika Iwaura</i>	Mar 17, 2003
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
Mitsutoshi MASUDA	<i>Mitsutoshi Masuda</i>	March 17, 2003
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE

**PATENT**