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Form PTO-1595 (Rev. 03/01)	RECO			J.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
OMB No. 0651-0027 (exp. 5/31/2002)		40	2175000			
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.						
Name of conveying party(ies): Shoko KAMIYA			2. Name and address of Name: Japan Science	of receiving party(ies) e and Technology Agency		
Toshimi SHIMIZU						
			Internal Address:			
Jong Hwa JUNG		Van IZE Na				
Additional name(s) of conveying party(es	s) allacried?	Tes Call 140				
3. Nature of conveyance:						
Assignment	Merger		Street Address: 4-1-8 Honcho, Kawaguchi-shi			
Security Agreement	Change	of Name				
☐ Other						
			City: Saitama	State: <u>JAPAN</u> Zip: <u>332-0012</u>		
Execution Date: May 31, 2005			Additional name(s) & add	lress(es) attached? 4 Yes 4 No		
4. Application number(s) or pate	nt number(s):					
			cation, the execution date	e of the application is:		
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A. Patent Application No.(s)			B. Patent No.(s)			
РСТ/ЈР03/16830						
	Addition	nal numbers at	ı tached? 🖳 Yes 🛂 No			
5. Name and address of party to	whom corres			cations and patents involved:		
concerning document should be mailed: Name: Gary C. Cohn		7. Total fee (37 CFR 3.4	41)\$_40.00			
	\		☑ Enclosed			
Internal Address:	$\overline{}$					
			Authorized to be	e charged to deposit account		
	1		8. Deposit account nun	nhar:		
Street Address: 1147 North Fou	orth Street		o. Deposit account nun	iiDGi .		
Unit 6E						
City: Philadelphia State: PA	Zip:	9123	(Attach duplicate copy of t	this page if paying by deposit account)		
DO NOT USE THIS SPACE						
9. Statement and signature.			//	/		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy						
		J 3	11 1/ /			
is a true copy of the original d	ocument.					
	ocument.			July 26, 2005		
Gary C. Cohn Name of Person Sign		_	Signature	July 26, 2005 Date		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Recordation Form Cover Sheet Attachment

2. Name of Additional Assignee

National Institue of Advanced Industrial Science and Technology 3-1, Kasumigaseki, 1-chome, Chiyoda-ku Tokyo 100-8921 Japan

> PATENT REEL: 017544 FRAME: 0563

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

N-GLYCOSIDE TYPE GLYCOLIPIDS AND HOLLOW FIBER TYPE ORGANIC NANOTUBES MADE OF THE SAME

☐ for which an app		for Letters Patent to be filed in the United States Patent and Trademark Office;
☐ for which U. S. A Trademark Office on	• •	ion Serial No for Letters Patent was filed in the U. S. Patent and
and for which an designating the U		tional Application was filed on <u>December 25, 2003</u> , <u>PCT/JP03/016830</u> , States.
AND WHEREAS,	(1)	JAPAN SCIENCE AND TECHNOLOGY AGENCY 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 Japan
	(2)	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan
Hereinafter referred	to as th	ne ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to

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 whreof 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 executed 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

<u> </u>		
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
FULL NAME OF SOLE OR FIRST INVENTOR	inventor signature	DATE
full name of sole or first inventor Jong Hwa JUNG	INVENTOR'S SIGNATURE	Mays 31, 2005
FULL NAME OF SOLE OR FIRST INVENTOR Toshimi SHIMIZU	Joshim Shinge	- May 31, 2005
FULL NAME OF SOLE OR FIRST INVENTOR Shoko KAMIYA	inventor's signature Shoko Kamiya	may 31, 2005

RECORDED: 07/26/2005

PATENT

REEL: 017544 FRAME: 0564