

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3901859

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	OTSUKA CHEMICAL CO., LTD.	04/18/2016
RECEIVING PARTY DATA		
Name:	TAIYO NIPPON SAN SO CORPORATION	
Street Address:	3-26, KOYAMA 1-CHOME, SHINAGAWA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	142-8558	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	10551051
CORRESPONDENCE DATA		
Fax Number:	(703)668-8200	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	dcmalroom@hdp.com	
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.	
Address Line 1:	P.O. BOX 8910	
Address Line 4:	RESTON, VIRGINIA 20195	
ATTORNEY DOCKET NUMBER:	12480-000145-US	
NAME OF SUBMITTER:	DONALD J. DALEY, REG. # 34,313	
SIGNATURE:	/Donald J Daley/	
DATE SIGNED:	06/03/2016	
Total Attachments: 2		
source=20160603assign4#page1.tif		
source=20160603assign4#page2.tif		

ASSIGNMENT

CORPORATE

Otsuka Chemical Co., Ltd., a Japanese corporation, having a principal place of business at 2-27, Otedori 3-Chome, Chuo-Ku, Osaka-City, Osaka, Japan 540-0021, (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

Taiyo Nippon Sanso Corporation, a Japanese corporation, having a place of business at 3-26, Koyama 1-Chome, Shinagawa-Ku, Tokyo, Japan 142-8558, (hereafter the "Assignee"), desires to acquire all of the rights of the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application identified below, and all inventions described and claimed therein, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

U.S. Serial No.	U.S. Filing Date	Title
10/551,051	July 3, 2006	Method for High-Efficiency Synthesis of Carbon Nanostructure

By its undersigned representative, the Assignor agrees

a. to execute all papers necessary in connection with the Patent Application and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;

b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and

c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on the Patent Application and on any continuation, division, reissue or reexamination of the Patent Application.

The Assignor hereby covenants that it has the full right to convey its interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

Otsuka Chemical Co., Ltd., a Japanese corporation, certifies that it is an Owner of the right, title and interest in the Patent Application identified above by virtue of an assignment of the Patent Application identified above. This Assignment was filed on April 24, 2007 and recorded on April 24, 2007, at Reel 019230, Frame 0751.

The undersigned has reviewed the documents in the Patent Application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

The undersigned hereby declares that all statements made herein of his/her own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

By: Kiyoshi Uchida
Kiyoshi UCHIDA

Title: General Manager Intellectual Property & Legal Department

Date: April 18, 2016

2800147.1