PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi YABU	10/19/2011
Takeshi HIGUCHI	10/19/2011
Kiwamu MOTOYOSHI	10/19/2011
Kazutaka KOIKE	10/19/2011

RECEIVING PARTY DATA

Name:	JAPAN SCIENCE AND TECHNOLOGY AGENCY	
Street Address:	4-1-8 Honcho, Kawaguchi-shi	
City:	Saitama	
State/Country:	JAPAN	
Postal Code:	332-0012	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13201285	

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Stephen M. Roylance

Total Attachments: 5

PATENT REEL: 027109 FRAME: 0189 OP \$40.00 13201285

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> PATENT REEL: 027109 FRAME: 0190

ASSIGNMENT

WHEREAS, **Hiroshi YABU**, a citizen of JAPAN, whose post office address is 2-21-1, Mizunomori, Aoba-ku, Sendai-shi, Miyagi 981-0962 JAPAN, **Takeshi HIGUCHI**, a citizen of JAPAN, whose post office address is 1-18-8-206, Haginomachi, Miyagino-ku, Sendai-shi, Miyagi 983-0043 JAPAN, **Kiwamu MOTOYOSHI**, a citizen of JAPAN, whose post office address is 11-10-203, Otamayashita, Aoba-ku, Sendai-shi, Miyagi 980-0814 JAPAN, and **Kazutaka KOIKE**, a citizen of JAPAN, whose post office address is 1-6-2-307, Komegafukuro, Aoba-ku, Sendai-shi, Miyagi 980-0813 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

INORGANIC - ORGANIC HYBRID PARTICLE AND METHOD FOR PRODUCING THE SAME

for which an application for Letters Patent in the United States entered the National Stage in the United States Patent and Trademark Office on August 12, 2011 and was awarded Application No. 13/201,285, and which Application is a National Stage of International Application No. PCT/JP2010/000859, filed February 12, 2010.

AND WHEREAS, JAPAN SCIENCE AND TECHNOLOGY AGENCY, a corporation organized and existing under the laws of the JAPAN, whose post-office address is 4-1-8 Honcho, Kawaguchi-shi, Saitama 332-0012 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States 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 thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE 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 Patent which may be granted thereon, including any and all renewals, reissues. reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

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AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

75	K :	东	Sea States	
(Name)	Tak	ahit	0	KAWANO
Octob	er	19,	20	11
(Date)				

数 法 Hiroshi YABU

October 19, 2011 Date

Second Witness:

(Name) Yuji HIRAI
October 19, 2011
(Date)

Page 3

First Witness:

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(Name) Mariko TOYODA

October 19, 2011 (Date)

福中国了大

Takeshi HIGUCHI

October 19, 2011

Date

Second Witness:

差面

(Name) Xi JIANG

October 19, 2011 (Date)

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First Witness:

(Name) Case TRONG

October 19, 2011 (Date)

本長 尼 Kiwamu MOTOYOSHI

October 19, 2011

Date

Second Witness:

(Name) Takumi TODA

October 19, 2011 (Date)

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PATENT REEL: 027109 FRAME: 0194

Page 5

First Witness:

全子悠春

(Name) Yuki KANEKO

October 19, 2011 (Date)

八池和孝

October 19, 2011

Date

Second Witness:

October 19, 2011

(Date)