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FORM PTO-1595 (modified)

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):  Yoshinari MIYAMOTO, Soshu KIRIHARA, Atsutaka MORI  Additional name(s) of conveying party(ies) attached? <u>NO</u>	2. Name and address of receiving party(ies):  1) Name: <u>Juridical Foundation Osaka Industrial Promotion Organization</u> Address: <u>c/o Mydome Osaka, 2-5, Honmachibashi, Chuo-ku, Osaka-shi, Osaka 540-0029 Japan</u>  2) Name: <u>Independent Administrative Institution National Institute for Materials Science</u> Address: <u>2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 Japan</u>  Additional name(s) & address(es) attached? <u>NO</u>
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3. Nature of conveyance:

Assignment                       Merger  
 Security Agreement             Change of Name  
 Other \_\_\_\_\_

Execution Date: June 18, 2006 and July 27, 2006

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: \_\_\_\_\_

A. Patent Application No.(s) <u>10/570,894, filed March 7, 2006</u>	B. Patent No.(s)
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Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.  
 Attn: Charles R. Watts, Esq.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). . . . . \$40.00

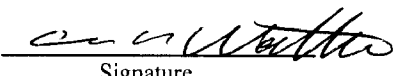
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9. Statement and signature.  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<u>Charles R. Watts, Reg. No.33,142</u> Name of Person Signing	 Signature	<u>August 23, 2006</u> Date
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Total number of pages including cover sheet: 3

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DOCKET NO. 2006\_0332A

ATTACHMENT D  
**PATENT**  
**REEL: 018251 FRAME: 0058**

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

Yoshinari MIYAMOTO, Soshu KIRIHARA, Atsutaka MORI,  
Mitsuo TAKEDA, Katsuya HONDA and Kazuaki SAKODA

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

(1) JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION  
(2) INDEPENDENT ADMINISTRATIVE INSTITUTION NATIONAL INSTITUTE FOR  
MATERIALS SCIENCE

Address

(1) c/o MydomeOsaka, 2-5, Honmachibashi, Chuo-ku, Osaka-shi, Osaka  
540-0029 Japan

(2) 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 Japan

Title of  
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as  
FRACTAL STRUCTURE, SUPER STRUCTURE OF FRACTAL STRUCTURES, METHOD FOR  
MANUFACTURING THE SAME AND APPLICATIONS

Date of  
Signing  
of Application

for which an application for patent in the United States has been executed by the undersigned

on June 18, 2006 and July 27, 2006

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date June 18, 2006, Name of the Inventor *Y. Inyamoto*  
 Date June 18, 2006, Name of the Inventor 桐原 聡秀  
 Date July 27, 2006, Name of the Inventor 森 豊貴  
 Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
 Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness 桐原 秀平  
 Witness 前井 宏之

### ACKNOWLEDGMENT

\_\_\_\_\_  
 \_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

\_\_\_\_\_  
 Official Signature  
 \_\_\_\_\_  
 Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. 10/570,894 Filing Date March 7, 2006  
 Applicant Reference Number 547013 Atty Docket No. \_\_\_\_\_  
 Title of Invention FRACTAL STRUCTURE, SUPER STRUCTURE OF FRACTAL STRUCTURES, METHOD FOR MANUFACTURING THE SAME AND APPLICATIONS