231298US3/vd Atty Docket No.: 07-21-2003 FORM PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office To the Honorable Commissioner of Patents 102501820 original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Nobuyuki YAJIMA, Naoki IZUTSU and Hideyuki HONDA Name: The Director-General of the Institute of Space and Astronautical Science Address: 3-1-1, Yoshinodai, Sagamihara-shi, Kanagawa-ken 229-8510 Japan Additional name(s) of conveying party(ies) attached? □Yes ■No 3. Nature of Conveyance: □ Assignment □ Merger □ Security Agreement □ Change of Name ■ Other: Record to Correct Assignee's Name on an Assignment previously recorded on Reel/Frame 013554/0690. November 20, 2002 Execution Date: Additional name(s) and address(es) attached? □Yes ■No 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: B. Patent No.(s) A. Patent Application No.(s) 10/310,840 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41): ■ Enclosed ☐ Authorized to be charged to deposit account 22850 8. Deposit account number: 15-0030 (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) (703) 413-2220 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 is a true copy of the original document. C. Irvin McClelland Name of Person Signing Joseph A. Scafetta, Jr.

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Nobuyuki YAJIMA, Naoki IZUTSU, and Hideyuki HONDA Institute of Space and Astronautical Science Address: 3-1-1, Yoshinodai, Sagamihara-shi, Kangawa-ken 229-8510 Japan Additional name(s) of conveying party(ies) attached? \(\subseteq\) Yes \(\subseteq\) No MRD 12/6/02 3. Nature of Conveyance: ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Execution Date: November 20, 2002 Additional name(s) and address(es) attached? □Yes ⊠No 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: November 20, 2002 10310840 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Tel. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 DO NOT USE THIS SPACE 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. 12/6/02 Date C. Irvin McClelland Name of Person Signing Registration Number: 21,124 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231 12/09/2002 SSITHIB1 00000019 10310840 40.00 UF

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In consideration of value received, I, having a residence and mailing address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

. MEMBRANE STRUCTURE

said application having been filed on and assigned Application No.

sell and assign to
The Director-General of the Institute of Space and Astronautical Science, a Japanese government agency, located at,
3-1-1. Yoshinodai, Sagamihara-shi, Kanagawa-ken 229-8510 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

× executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention. in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements. treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Oblon. Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

ASSIGNMENT

Inventor: (Signature)	Date	Residence and mailing address
Vahuyuki lajima	November 20, 2002	c/o The Institute of Space and Astronautical Science, 3-1-1. Yoshinodai, Sagamihara-shi, Kanagawa-ken, Japan
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Hideyuki Honda	November 20, 2002	c/o The Institute of space and Astronautical Science, 3-1-1, Yoshinodai, Sagamihara-shi, Kanagawa-ken, Japan

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