-19-05

| Attorney | Docket | No · | 052025 |
|----------|--------|------|--------|
| Attorney | DOCKCL | 110  | 052025 |

TARTMENT OF COMMERCE 02-01-2005



it Recordation Services nd Trademark Office

RECOR!

102931041 PATEN 15 UNL

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type:

XX New

Conveyance type:

XX Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

**Execution Date** 

First party

Name:

KOBAYASHI, Hiroaki

December 16, 2004

Second party

Name:

TANATSUGU, Nobuhiro

December 16, 2004

Third party

Name: SATO, Tetsuya

December 16, 2004 December 16, 2004

Fourth party Fifth party

Name: MARU, Yusuke

December 16, 2004

Additional name(s) of conveying party (ies) attached? Yes

Name: HONGO, Motoyuki

No XX

Receiving Party (ies):

First party

Name: JAPAN AEROSPACE EXPLORATION AGENCY

Address: 44-1, Jindaiji-Higashimachi 7-chome, Chofu-shi, Tokyo, Japan

Additional name(s) & address (es) attached?

Yes \_\_\_\_ No <u>XX</u>

**Domestic Representative Name and Address** 

(Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

1250 Connecticut Avenue, N.W., Suite 700

Washington, D.C. 20036

Customer No.: 38834

For Office Use Only

01/26/2005 HMARZII 00000018 11037125

04 FC:8021

40.00 OP

**PATENT** REEL: 016197 FRAME: 0574

| Page 2   |                         |  |  |  |
|--|-------------------------|--|--|--|
| Correspondent Name and Address   | Telephone: 202-822-1100 |  |  |  |
| WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  |                         |  |  |  |
| 1250 Connecticut Avenue, N.W., Suite 700   |                         |  |  |  |
| Washington, D.C. 20036   |                         |  |  |  |
| Pages Enter the total number of pages of the attached conveyance document: 1   |                         |  |  |  |
| (including any attachments, but not counting cover sheets)   |                         |  |  |  |
| Application Number(s) or Patent Number(s) Additional numbers attached? Yes No  |                         |  |  |  |
| A. Patent Application No.(s)  B. Patent No.(s)   |                         |  |  |  |
|  |                         |  |  |  |
| If this document is being filed together with a <u>new</u> application, enter the date the application was signed by |                         |  |  |  |
| the first named executing inventor: <u>December 16, 200-</u>   | <u>4</u>                |  |  |  |
| (Do not recite both application and patent numbers.)   |                         |  |  |  |
| Patent Cooperation Treaty (PCT)  | PCT                     |  |  |  |
|  | PCT                     |  |  |  |
| a U.S. Application Number has not been assigned PCT  |                         |  |  |  |
| Number of Properties Enter the total number of properties involved: _1_  |                         |  |  |  |
| Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)  |                         |  |  |  |
| XX_ Enclosed   |                         |  |  |  |
| Authorized to be charged to Deposit Account No.: 50-2866   |                         |  |  |  |
| 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.   |                         |  |  |  |
|  |                         |  |  |  |
| Scott M. Daniels   | Just Dais               |  |  |  |
| Name of Person Signing   | Signature               |  |  |  |
| January 19, 2005   | 32,562                  |  |  |  |
| Date   | Registration No.        |  |  |  |
| Rev. 11/00   |                         |  |  |  |

PATENT REEL: 016197 FRAME: 0575

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned in ventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

JAPAN AEROSPACE EXPLORATION AGENCY of 44-1, Jindaiji-Higashimachi 7-chome, Chofu-shi, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

METHOD FOR REDUCING RESISTANCE OF FLYING OBJECT USING EXPANDABLE NOSE CONE

(\*If the assignment is being filed after the filing of the application, this section must be completed) for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| Hiroatii Tobayashi            | Hiroaki KOBAYASHI  | 16/12/2004 |
|-------------------------------|--------------------|------------|
| (Signature)                   | (Type Name)        | (Date)     |
| Nobuhiro Tanatu               | Nobuhiro TANATSUGU | 16/12/2004 |
| (Signature)                   | (Type Name)        | (Date)     |
| Letonya Sato<br>(Signature)   | Tetsuya SATO       | 16/12/2004 |
| (Signature)                   | (Type Name)        | (Date)     |
| Motoysk: Hongw<br>(Signature) | Motoyuki HONGO     | 16/12/2004 |
| (Signature)                   | (Type Name)        | (Date)     |
| Jusuka Moru                   | Yusuke MARU        | 16/12/2004 |
| (Signature)                   | (Type Name)        | (Date)     |
| (C)                           |                    |            |
| (Signature)                   | (Type Name)        | (Date)     |

NO LEGALIZATION REQUIRED

RECORDED: 01/19/2005

PATENT REEL: 016197 FRAME: 0576