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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

REC



103062393

8-9-05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

H. G. Wang (07/22/2005) and Rongsheng Li (08/02/2005)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: THE BOEING COMPANY

Internal Address:

Street Address:

100 North Riverside

City: Chicago

State: Illinois

Country: United States of America Zip: 60606-1596

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- Assignment Merger Change of Name
- Security Agreement Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

A. Patent Application No.(s)
This application

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Michael A. Chinlund
MARSHALL, GERSTEIN & BORUN LLP
Internal Address: Atty. Dkt.: 30302/017351
Street Address: 233 S. Wacker Drive, Suite 6300
Sears Tower

City: Chicago
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Phone Number: (312) 474-6300
Fax Number: (312) 474-0448
Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Michael A. Chinlund
Signature

August 9, 2005
Date

Michael A. Chinlund - 55,064
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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08/11/2005 KRETEMA1 00000077 11200215

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ASSIGNMENT

Docket No.: 30302/017351

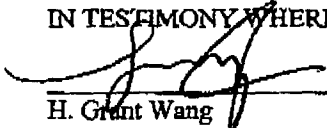
WHEREAS, H. Grant Wang, residing at Hacienda Heights, California; and Rongsheng Li, residing at Hacienda Heights, California (hereinafter "Assignor") has invented certain new and useful improvements in **SPACECRAFT POWER ACQUISITION METHOD FOR WING-STOWED CONFIGURATION** (hereinafter "invention") for which Assignor is making or has made application for **LETTERS PATENT OF THE UNITED STATES**, which application has been duly executed by Assignor on date(s) listed below.

WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside, Chicago, Illinois 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, US (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign **LETTERS PATENT** that may be granted therefor.

NOW, THEREFORE, for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries and in and to any **LETTERS PATENT** of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for **LETTERS PATENT** in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States **LETTERS PATENT** to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the **LETTERS PATENT** may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the **LETTERS PATENT** when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign **LETTERS PATENT** or the like for the invention, and for maintaining and perfecting the Assignee's right to the invention and **LETTERS PATENT** particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

 7/22/05

H. Grant Wang (date) Rongsheng Li (date)

ASSIGNMENT

Docket No.: 30302/017351

WHEREAS, H. Grant Wang, residing at Hacienda Heights, California; and Rongsheng Li, residing at Hacienda Heights, California (hereinafter "Assignor") has invented certain new and useful improvements in **SPACECRAFT POWER ACQUISITION METHOD FOR WING-STOWED CONFIGURATION** (hereinafter "invention") for which Assignor is making or has made application for **LETTERS PATENT OF THE UNITED STATES**, which application has been duly executed by Assignor on date(s) listed below.

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IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

H. Grant Wang (date) *Rongsheng Li* (date) *8/2/2005*