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10-28-2004



102870299

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

10/26/04

To the Honorable Commissione

and trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John L. Bowers, Sham S. Hariram, Jayant D. Patel  
and Sharanpal S. Sikand

2. Name and address of receiving party(ies)

Name: The Boeing Company

Internal Address:

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Street Address: 100 North Riverside

City: Chicago State: IL Zip: 60606

Execution Date: 10/18/04

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

4. Application number(s) or patent number(s):

ATTORNEY DOCKET NO.: BING-1-1097

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

10/872,822

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael S. Smith

Internal Address: Black Lowe & Graham, PLLC

Street Address: 701 Fifth Avenue, Suite 4800

City: Seattle State: WA Zip: 98104

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Michael S. Smith, Reg. No. 39,563

Name of Person Signing

Signature

10/20/04

Date

10/27/2004 DBYRNE

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Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bowers et al.

Attorney Docket No. BING-1-1097

Serial No.: 10/872,822

Group Art Unit: 3747

Filing Date: October 8, 2004

Examiner: --

Title: HINGELESS FLAPPER VALVE FOR FLOW CONTROL

**ASSIGNMENT**

WHEREAS, I, John L. Bowers, residing at P.O. Box 15818, Long Beach, CA 90815-0818, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Sham S. Hariram, residing at 25781 Terra Bella Ave., Laguna Hills, CA 92653, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Jayant D. Patel, residing at 21221 Calle Olivia, Lake Forest, CA 92630, am one of the inventors named in the above-identified United States patent application;

WHEREAS, I, Sharanpal S. Sikand, residing at 25201 Exmoor, Mission Viejo, CA 92692, am one of the inventors named in the above-identified United States patent application;

AND, WHEREAS, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, U.S., having a place of business at 100 North Riverside, Chicago, IL 60606-1596, with a mailing address of M/C 1640-2101, 15460 Laguna Canyon Road, Irvine, California 92618, U.S. (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to the patent application and related inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, I hereby assign and transfer to ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, including all improvements, variations, derivations and inventive subject matter directly or indirectly related to the patent application and inventions, and all provisional or nonprovisional patent applications or issued patents that have been or may be granted thereon,


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BING-1-1097ASGN

BLACK LOWE & GRAHAM <sup>PLLC</sup>

  
701 Fifth Avenue, Suite 4800  
Seattle, Washington 98104  
206.381.3300 • F: 206.381.3301

**PATENT**  
**REEL: 015919 FRAME: 0191**

including without limitation all reissues, divisions, continuations, continuations-in-part, and extensions of the patent applications or patents, or any other form of protection for the inventions related to the patent application, in the United States and foreign countries; all rights of action arising from the inventions and all applications and patents on the inventions; all claims for damages by reason of past and future infringement of the inventions and all applications and patents on the inventions, and the right to sue and collect damages for such infringement; to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its successors and assigns as the same would have been held by me had this assignment not been made.

I do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on the inventions, to maintain and enforce any and all patents on the inventions, and to confirm in ASSIGNEE legal title to the inventions and all applications and patents on the inventions in the United States and foreign countries, all without charge to ASSIGNEE but at no expense to me. In the event that ASSIGNEE is unable for any reason, after reasonable effort, to secure my signature on any document needed in connection with the actions specified in this paragraph, or to otherwise perfect in ASSIGNEE the entire right, title, and interest in and to the patent application and related inventions, I hereby irrevocably designate and appoint the ASSIGNEE and its duly authorized officers and agents as my agent and attorney-in-fact, to act for and in my behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this assignment with the same legal force and effect as if executed by me. I hereby waive and quitclaim to the ASSIGNEE any and all claims, of any nature whatsoever, which I now or may hereafter have for infringement of any proprietary rights assigned to the ASSIGNEE.

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**PATENT**

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EXECUTED at Long Beach (city), California (state), this 11<sup>th</sup> day of October, 2004.

John L. Bowers  
John L. Bowers

EXECUTED at Long Beach (city), California (state), this 11<sup>th</sup> day of OCTOBER, 2004.

Sham S. Hariram  
Sham S. Hariram

EXECUTED at Long Beach (city), California (state), this 18<sup>th</sup> day of October, 2004.

Jayant D. Patel  
Jayant D. Patel

EXECUTED at Long Beach (city), California (state), this 11 day of October, 2004.

Sharanpal S. Sikand  
Sharanpal S. Sikand


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