

## ATTORNEY DOCKET NO: M-15579 US

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. Name of conveying parties:

**Paul H. Shelley****Peter J. Van Voast****Thomas A. Dean****Bruce R. Davis**

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

☐ Yes☒ No

## 2. Name and address of receiving party:

Name: **THE BOEING COMPANY**Street Address: **100 N. Riverside**City: **Chicago** State: **Illinois 60606-1596**Country: **U.S.A.**

Additional name(s) of receiving party(ies) attached?

☐ Yes☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: 11/17/04; 11/17/04; 11/17/04; 11/17/04

## 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) **10/991,694**Title: **Optical Emission Spectroscopy of Plasma  
Treated Bonding Surfaces**

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

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

Name: David S. ParkInternal Address: MACPHERSON KWOK CHEN & HEID LLPStreet Address: 1762 Technology Drive, Suite 226City San Jose State CA Zip 9511006. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): **\$40.00**☒

Authorized to be charged to Deposit Account 50-2257.

☒

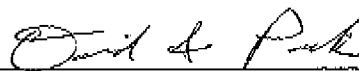
Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid

DO NOT USE THIS SPACE

## 8. 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.*David S. Park52,094

Name of Person Signing



Signature

November 30, 2004

Date

Total number of pages **PATENT** cover sheet: **2**

Attorney Docket No. M-15579 US

## ASSIGNMENT

**WHEREAS**, Paul H. Shelley, residing at Lakewood, Washington; Peter J. VanVoast, residing at Kirkland, Washington; Thomas A. Dean, residing at Maple Valley, Washington; Bruce R. Davis, residing at Seattle, Washington, (hereinafter "Assignors") has invented certain new and useful improvements in **Optical Emission Spectroscopy of Plasma Treated Bonding Surfaces** (hereinafter "invention") for which Assignors are making or have made application for **LETTERS PATENT OF THE UNITED STATES**, which application has been duly executed by Assignors 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, Assignors have 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 Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the **LETTERS PATENT** when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors 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.

Paul H. Shelley 11/17/04  
Paul H. Shelley (Date)

Peter J. VanVoast 11/17/04  
Peter J. VanVoast (Date)

Thomas A. Dean 11/17/04  
Thomas A. Dean (Date)

Bruce R. Davis 11/17/04  
Bruce R. Davis (Date)