


<b>Form PTO-1595</b> (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>	<b>U.S. DEPARTMENT OF COMMERCE</b> U.S. Patent and Trademark Office  Attorney Docket No. <b>BO1-0212US</b>
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):  <b>Eddie Kwon      05/05/2006</b> <b>Arthur C. Day    05/05/2006</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u><b>The Boeing Company</b></u>  Internal Address:   Street Address: <u><b>100 N. Riverside</b></u>  City: <u><b>Chicago</b></u> State: <u><b>IL</b></u> Zip: <u><b>60606-1596</b></u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other	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)  <div style="text-align: center;"><b>11/382,192, filed 5/8/2006</b></div>  B. Patent Registration No.(s)   Additional number(s) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <b>Lee &amp; Hayes, PLLC</b>  Internal Address:  <b>421 W. Riverside, Suite 500</b> <b>Spokane, WA 99201, 509-324-9256</b>  City: <b>Spokane</b> State: <b>WA</b> Zip <b>99201</b>	6. Total number of applications and patents involved <b>1</b>  7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number:  <div style="text-align: center;"><b>12-0769</b></div> (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>		
9. Statement and signature. <i>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.</i>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <b>Dale C. Barr, Reg# 40498</b>  <hr style="width: 100%;"/>           Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: center;"> <b>May 22, 2006</b>  <hr style="width: 100%;"/>           Date         </div> </div> <div style="text-align: right; margin-top: 10px;">         Total number of pages including cover sheet, attachments, and document: <b>3</b> </div>		

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

CH \$40.00 120769 11382192

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kwon et al. Attorney Docket No. BO1-0212US  
Serial No.: 11/392,192 Group Art Unit: Pending  
Filing Date: May 8, 2006 Examiner: Pending  
Title: OPTICAL SPARK MODE DISCRIMINATOR METHODS AND SYSTEMS

**ASSIGNMENT**

**WHEREAS**, Eddie Kwon residing at Seattle, WA, and Arthur C. Day residing at Seattle, WA, (hereinafter "Assignors") have invented certain new and useful improvements in OPTICAL SPARK MODE DISCRIMINATOR METHODS AND SYSTEMS (hereinafter "invention") for which Assignors are making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignors on the date(s) listed below, and which patent application will initially be filed without this patent assignment. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 60483, to insert in the caption above the serial number and filing date of the patent application when known.

**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 do 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 Assignors 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

60483

CUSTOMER NUMBER

- 1 -

lee & hayes llc 400-394-9570

BO1-0212US

**PATENT**

**REEL: 017664 FRAME: 0575**

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, Assignors have signed this Assignment on the date(s) specified below.

May 5, 2006  
Date

Eddie Kwon  
Eddie Kwon

May 5, 2006  
Date

Arthur C. Day  
Arthur C. Day

60483

CUSTOMER NUMBER

- 2 -

loo@hoyes inc. 916-1444224

1001471218

PATENT

RECORDED: 05/22/2006

REEL: 017664 FRAME: 0576