

09-10-2003



Form PTO-1595
(Rev. 03/01)
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102545238

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

BMC-02-DN-001

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

THE BOEING COMPANY

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: July 22, 2002; July 26, 2002

2. Name and address of receiving party(ies)

Name: **Alabama A&M University
Research Institute
Office of Technology Transfer**

Internal Address: **4900 Meridian Street
P.O. Box 313
Normal, Alabama 35762**

9-4-03

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

FINANCE SECTION

SEP -4 PM 12:25

OFFICE OF PUBLIC RECORDS

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)

Patent No.(s):

5,249,144

5,247,473

5,191,549

4,940,302

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Alabama A&M Research Institute
Attn: Daryush Ila
Director**

Internal Address: **4900 Meridian Street
P.O. Box 313
Normal, Alabama 35762**

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 3.41).....\$160.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

18-1730

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

DO NOT USE THIS SPACE

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.

Terje Gudmestad, Registration No. 32,232

Name of Person Signing

Signature

9-1-03

Date

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

09/10/2003 ECDPER 0000015 181730 3249144

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160.00 BA

PATENT
REEL: 014455 FRAME: 0840

APPENDIX B

PATENT ASSIGNMENT

WHEREAS, The Boeing Company (hereinafter "ASSIGNOR"), is the owner of the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has obtained the following United States issued Letters Patents in the United States (hereinafter "the Patents"):

Programmable Optical Arithmetic/Logic Unit	5,249,144	September 28, 1993	The Boeing Company	Falk, R. Aaron
Method And Apparatus For Performing A Multiple-Input Optical Arithmetic Comparison	5,247,473	September 21, 1993	The Boeing Company	Falk, R. Aaron; Houk, Theodore L.
Method And Apparatus For Performing A Multiple-Input Optical Arithmetic Comparison	5,191,549	March 2, 1993	The Boeing Company	Houk, Theodore L.
Integrated Optics Waveguides with large phase shifts	4,940,302	July 10, 1990	The Boeing Company	Falk, R. Aaron; Houk, Theodore L.

WHEREAS, Alabama A&M University RI (hereinafter "ASSIGNEE") desires to obtain the entire right, title, and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has assigned and transferred, and by these presents does hereby assign and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said Patents.

ASSIGNOR does hereby assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Patents.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of July 2002.

ENTITY A (ASSIGNOR)

By: 

Name Printed: Gene G. Partlow

Title: President, Boeing Management Company

Date: July 26, 2002

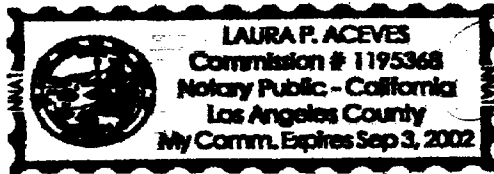
July 2, 2002

STATE OF CALIFORNIA }
COUNTY OF ORANGE } ss.

On July 26, 2002, before me, LAURA P. ACEVES personally appeared GENE G. PACTLOW personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Laura P. Aceves
Notary Signature

ENTITY B (ASSIGNEE)

By: Daryush ILA

Name Printed: DARYUSH ILA

Title: Director

Date: 7-22-02

STATE OF ALABAMA }
COUNTY OF MADISON } ss.

On July 22, 2002, before me, Annie Pearl Watts personally appeared Dr. Daryush ILA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Annie Pearl Watts
Notary Signature

My Commission Expires: 4/12/2006

July 2, 2002