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

1. Name of conveying party(ies):

ROBERT R. RICE; MARK S. ZEDIKER; BARTLEY C. JOHNSON

Additional name(s) of conveying party(ies) attached?  
\_\_\_\_ yes \_\_\_\_ ☒ no

3. Nature of Conveyance:

☒ Assignment \_\_\_\_ Merger  
\_\_\_\_ Security Agreement \_\_\_\_ Change of Name  
\_\_\_\_ Other

Execution Date: **March 11, 1998**

2. Name and address of receiving party(ies):

Name: MCDONNELL DOUGLAS CORPORATION (A Maryland Corporation)

Internal Address:  
P.O. Box 516,  
St. Louis, Missouri, USA 63166-0516

Street Address:  
Same as above

City State Zip

Additional name(s) & address(es) attached?  
\_\_\_\_ yes \_\_\_\_ ☒ no

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:  
**March 11, 1998**

A. Patent Application No.(s)

B. Patent No(s)

Additional numbers attached? \_\_\_\_ Yes \_\_\_\_ ☒ No

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

ROBERT A. WESTERLUND  
1820 N. Herndon St.  
Arlington, Virginia 22201

6. Total number of applications and patents involved:  
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00  
\_\_\_\_ ☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 16-2372  
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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.

*Robert Westerlund*  
Name: Robert A. Westerlund Reg. No. 31,439

March 16, 1998 Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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10530 U.S. PTO  
09/039420

03/16/98

PATENT

REEL: 9056 FRAME: 0287

# Assignment

Whereas, We, Robert R. Rice, 14736 Greenleaf Valley Drive, Chesterfield, Missouri 63017, U.S.A., Mark S. Zediker, 4002 WaneWay Court, Florissant, Missouri 63034, U.S.A., and, Bartley C. Johnson, 705 Westwood, 3A, Clayton, Missouri 63105, U.S.A., hereinafter called assignors, are joint inventors of an invention entitled:

## "DUAL FREQUENCY LASER AMPLIFIER ARRAY AND OPERATING METHOD THEREFOR"

and have filed an application for Letters Patent of the United States of America therefor on

MARCH 11, 1998

Whereas, **MCDONNELL DOUGLAS CORPORATION** (A Maryland Corporation)  
P. O. Box 516  
St. Louis, Missouri, USA 63166-0516

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and/or including the right to claim priority under 35 U.S.C. §119, as may pertain:

We request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns;

We hereby agree that the assignee may apply for foreign Letters Patent on the invention;

We will execute without any further consideration all papers deemed necessary by the assignee in connection with the United States and foreign application when called upon to do so by the assignee; and

Date : 3/11/98

s/

Robert R. Rice  
Robert R. Rice

Date : 3/5/98

s/

Mark S. Zediker  
Mark S. Zediker

Date : 3/3/98

s/

Bartley C. Johnson  
Bartley C. Johnson