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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

McDonnell Douglas Helicopter Corporation

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

2. Name and address of receiving party(ies)

Name: The Board of Trustees of the University of Illinois

Internal Address: _____

Street Address: Office of Technology Management

1737 W. Polk Street, 310 Administrative Office Building

City: Chicago

State: IL

Country: USA Zip: 60612-7227

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 23, 2006

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
6,146,253

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Laverne Gilliam

Internal Address: MC 1650-7006

Street Address: 15460 Laguna Canyon Road

City: Irvine

State: CA Zip: 92618

Phone Number: 949-790-1366

Fax Number: 949-790-1221

Email Address: laverne.r.gilliam@boeing.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number 181730

Authorized User Name John R. Rafter

9. Signature:

John R. Rafter
Signature
John R. Rafter, 28,533
Name of Person Signing

1/25/06
Date

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 181730 6146253

AGREEMENT and ASSIGNMENT

THIS AGREEMENT and ASSIGNMENT is made by and between McDonnell Douglas Helicopter Company, a Delaware corporation having a principal place of business in Mesa, Arizona ("MDHC"), and The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois having a principal office at Office of Technology Management, 1737 W. Polk Street, 310 Administrative Office Building, Chicago IL 60612-7227 ("University").

Background:

MDHC is the sole assignee of record at the United States Patent Office for U.S. patent 6,146,253 ("the '253 Patent"), as evidenced by the Assignment recorded on April 18, 1997, at reel 008521, frame 0457.

The '253 Patent lists five inventors. Faydor L. Litvin and Ningxin Chen are two of the inventors and both were associated with University during the time that the subject matter claimed in the '253 Patent was developed. The remaining three inventors were employees of the MDHC during the time the subject matter claimed in the '253 Patent was developed.

In 1995 MDHC and University entered an agreement wherein, among other terms:

- a. University represented that Faydor L. Litvin and Ningxin Chen each assigned to the University all of their right, title, and interest in the invention disclosed and claimed in the '253 Patent and all patent rights associated therewith;
- b. The '253 Patent would be co-assigned and co-owned by the University and MDHC; and
- c. MDHC received certain exclusive rights to the '253 Patent.

In 1997, Faydor L. Litvin and Ningxin Chen each executed an assignment purporting to transfer their right, title, and interest in the invention disclosed and claimed in the '253 Patent and all patent rights associated therewith to MDHC. Because these 1997 assignments to MDHC cover

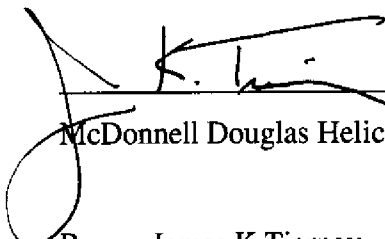
the same subject matter as the prior assignments to the University reflected in the 1995 Agreement, the 1997 assignments to MDHC are effectively hollow. The University already owned this right, title, and interest. In 1997 Faydor L. Litvin and Ningxin Chen had no rights in/to the '253 Patent to assign to MDHC.

NOW, THEREFORE,

Because the assignments to MDHC from the three inventors who were MDHC employees remain valid, the above facts do not impact MDHC's ownership interest in the '253 Patent. However, it is MDHC's desire that the record reflects the '253 Patent has two assignees: McDonnell Douglas Helicopter Company and The Board of Trustees of the University of Illinois. To the extent that MDHC has any rights in the '253 Patent from Faydor L. Litvin and Ningxin Chen MDHC, MDHC hereby assigns such rights to The Board of Trustees of the University of Illinois.

IN WITNESSETH WHEREOF, we have hereunto set our hands and seals as dated below.

Date: Jan 23, 2006



McDonnell Douglas Helicopter Company
By: James K Tierney

Title: Assistant Secretary