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Attorney Dkt. No.: 8190-302

jc836 U.S. PTO  
09/589504  
06/07/00

To the Honorable Commissioner of  
Please record the attached original d

1. Name of conveying party(ies):  
  
R. Scott Forrest  
Douglas J. Waldron  
*MD*  
*6.7.00*  
  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
  
The Boeing Company  
Post Office Box 3707  
M/S 13-08  
Seattle, Washington 98124-2207  
  
Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:  
  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_  
Execution Date: June 1, 2000 and June 7, 2000

*09/589604*

4. Application No. \_\_\_\_\_ Patent No. \_\_\_\_\_  
  
If this document is being filed together with a new application, the execution date of the application is: June 1, 2000  
  
Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
Henry B. Ward, III  
**ALSTON & BIRD LLP**  
P. O. Drawer 34009  
Charlotte, NC 28234-4009

6. Total number of applications and patents involved:  
1  
  
7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
  
8. Deposit account number: 16-0605

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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.*  
  
Henry B. Ward, III, Reg. No. 42,212  
Name of Person Signing  
  
*[Signature]*  
Signature  
  
6/7/00  
Date

Total number of pages including cover sheet, attachments and document: 5

CLT01/4428895v1

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## ASSIGNMENT

THIS ASSIGNMENT, made by us, R. Scott Forrest, a citizen of the United States of America, residing at 1711 Windsor Lane, Santa Ana, California 92705 and Douglas J. Waldron, a citizen of the United States of America, residing at 16537 Teak Circle, Fountain Valley, California 92708, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in FRICTION STIR GRAIN REFINEMENT OF STRUCTURAL MEMBERS for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **The Boeing Company**, a Delaware corporation having a principal place of business at Seattle, King County, Washington, with a mailing address of Post Office Box 3707, M/S 13-08, Seattle, WA 98124-2207, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

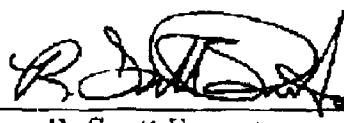
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

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

6-7-00   (SEAL)  
Date Witness R. Scott Forrest

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

6/1/00      R. J. [Signature]      [Signature] (SEAL)  
Date                      Witness                      Douglas J. Waldron

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