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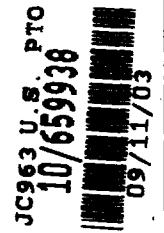
Amitabh Vyas

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

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

The Boeing Company
100 N. Riverside Plaza
Chicago, Illinois 60606-1596

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



3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other _____
Execution Date: September 10, 2003

4. Application No. 10659 938 Patent No.

If this document is being filed together with a new application, the execution date of the application is: September 10, 2003

Additional numbers attached? Yes No

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

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41) \$40.00
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September 11, 2003
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Total number of pages including cover sheet, attachments, and document: 7

CLT01/4609936v1

PATENT
REEL: 014496 FRAME: 0985

ASSIGNMENT

THIS ASSIGNMENT, made by me, Amitabh Vyas, a citizen of India, residing at 827 N. Ridgewood, Wichita, Kansas 67208,

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in APPARATUS AND METHOD FOR FRICTION STIR WELDING WITH A VARIABLE SPEED PIN for which an application for United States Letters Patent has been executed by me concurrently herewith, and

WHEREAS, **The Boeing Company**, a Delaware corporation having a principal place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-1596, 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, I 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.

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


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

I further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to me 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, I have hereunto set my hand and seal below.

9/10/2003
Date



Amitabh Vyas

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