

06-05-2002

ON FORM COVER SHEET *Patents Only*To the Honorable
Please record the

102111387

Attorney Dkt. No.: 38190/236638

1. Name of conveying party(ies):

Mark D. Horn
James Lobitz
David R. Matthews
Luis A. Rosales
Kenneth M. Sprouse
Allan Von Arx

6.3.02

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

3. Nature of conveyance:

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

Execution Date: 02/11/02; 02/15/02; 05/21/02; 02/20/02;
02/21/02; 02/28/02

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

4. Application No. 10/029,451

Patent No.

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

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:

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.*

Name of Person Signing: Donald M. Hill, Jr.
Reg. No. 40,646

5/23/02
Date

Total number of pages including cover sheet, attachments, and document: 8

CLT01/4535677v1

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PATENT
REEL: 012943 FRAME: 0661

ASSIGNMENT

THIS ASSIGNMENT, made by us, Mark D. Horn, citizen of the United States of America, residing at 10508 Collett Avenue, Granada Hills, California 91344; James Lobitz, citizen of the United States of America, residing at 6372 Tamarind Street, Oak Park, California 91377; David R. Matthews, citizen of the United States of America, residing at 324 Spring Breeze Court, Simi Valley, California 93065; Luis A. Rosales, citizen of the United States of America, residing at 4494 Vista Meadow Court, Moorpark, California 93021; Kenneth M. Sprouse, citizen of the United States of America, residing at 18213 Osborne Street, Northridge, California 91325-2737; and Allan Von Arx, citizen of the United States of America, residing at 16836 Gledhill Street, Northridge, California 91343-2716, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in FLUID-COOLED TURBINE BLADES for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on December 19, 2001, under Application No. 10/029,451, 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 us if this assignment and sale had not been made.

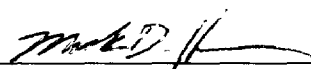
We hereby request that said Letters Patent be issued in accordance with this assignment.

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.

2-11-32
Date



Mark D. Horn

2/15/02
Date

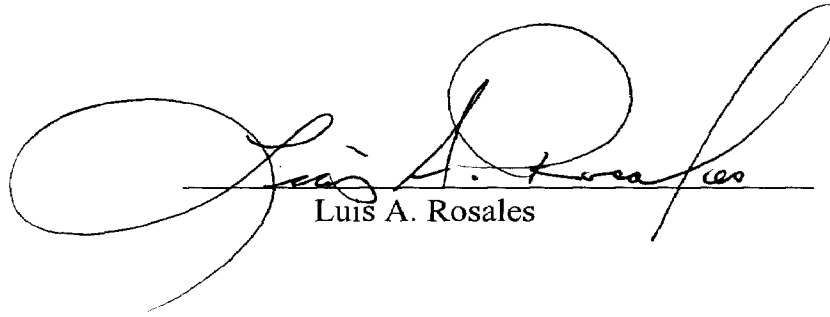
James Lobitz
James Lobitz

MAY 21, 2002

Date

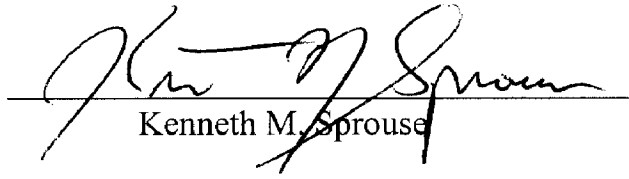
David R. Matthews
David R. Matthews

2/20/02
Date


Luis A. Rosales

2/21/02

Date


Kenneth M. Sprouse

2/28/02

Date

Allan von Arx

Allan Von Arx

CLT01/4517766v1