

10-03-2001



RECORDAL SHEET

101864051

Attorney Doc. #: PD-01-052 (BOE 0209 PA)

1. Name(s) of conveying party(ies):

Arun Bhattacharyya, Daniel H. Roper

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

The Boeing Company
P. O. Box 3707, M/S 13-08
Seattle, Washington 98124-2207

Additional name(s) & address(es) attached: ___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger ___ Security Agreement

___ Change of Name Other

Execution Date: September 13, 2001, September 12, 2001

4. Application number(s) or patent number(s):

Application Serial No(s): _____ Patent No(s):

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

5. Total number of applications and patents involved: 1

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

Kevin G. Mierzwa
ARTZ & ARTZ, P.C.
28333 Telegraph Road, Suite 250
Southfield, Michigan 48034

7. Total Fee Enclosed (37 CFR ' 3.41): \$ 40.00

8. X The Commissioner is hereby authorized to charge any deficiency in the payment of the required fee or credit any overpayment to Deposit Account No. 50-0476

To the best of my knowledge and belief, the above information is true and correct and any attached copy is a true copy of the original document.

Kevin G. Mierzwa
Name of Person Signing

Signature

Date: September 21, 2001

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40.00 DP

ASSIGNMENT

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01-052 (BOE 0209 PA)

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a **HIGH RADIATION EFFICIENT DUAL BAND FEED HORN TECHNICAL FIELD** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on _____ as Serial No. _____ : and

WHEREAS, **The Boeing Company**, (hereinafter referred to as **BOEING**), a Delaware Corporation, having its principal place of business in Seattle, King County, Washington, with a mailing address of Post Office Box 3707, M/S 13-08, Seattle, Washington 98124-2207, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to **BOEING**, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said **BOEING**, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to **BOEING**, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by **BOEING**, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of **BOEING**, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in **BOEING**, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Arun Bhattacharyya	INVENTOR'S SIGNATURE <i>Arun Bhattacharyya</i>	DATE 9/13/01
RESIDENCE (CITY AND STATE) 719 Center Street, El Segundo, CA 90245		INVENTION AGREEMENT DATE

STATE OF California)
COUNTY OF Los Angeles) SS:

On 9-13-01 before me, Kathleen M. Motta,

a Notary Public in and for said State, personally appeared **Arun Bhattacharyya**, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Kathleen M. Motta
Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR Daniel Roper	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF _____)
COUNTY OF _____) SS:

On _____ before me, _____,

a Notary Public in and for said State, personally appeared **Daniel Roper**, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Arun Bhattacharyya	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE) 719 Center Street, El Segundo, CA 90245		INVENTION AGREEMENT DATE

STATE OF _____)
COUNTY OF _____)SS:

On _____ before me, _____,

a Notary Public in and for said State, personally appeared Arun Bhattacharyya, ☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

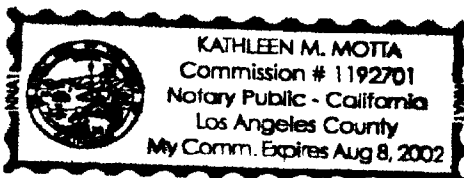
FULL NAME OF SOLE OR JOINT INVENTOR Daniel H. Roper	INVENTOR'S SIGNATURE <i>Daniel Roper</i>	DATE 9-12-01
RESIDENCE (CITY AND STATE) 211 Beryl Street, Redondo Beach, CA 90277		INVENTION AGREEMENT DATE

STATE OF California)
COUNTY OF Los Angeles)SS:

On 9-13-01 before me, Kathleen M. Motta,

a Notary Public in and for said State, personally appeared Daniel H. Roper, ☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Kathleen M. Motta

Notary Public

RECORDED: 09/21/2001

PATENT
REEL: 012205 FRAME: 0811