

12-03-2001

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Tab settings



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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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

Parthasarathy Ramanujam, Albert E.  
Lyerly, Brian M. Park, Hussain Haddad,  
Laurston C. WahAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: \_\_\_\_\_

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

Name: The Boeing Company

Internal Address: \_\_\_\_\_

Street Address: 100 North Riverside Plaza

City: Chicago State: IL Zip: 60606

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

09/992259

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

Name: Kevin G. Mierzwa

Internal Address: \_\_\_\_\_

Street Address: 28333 Telegraph Road

Suite 250

City: Southfield State: MI Zip: 48034

## 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:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 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.

Kevin G. Mierzwa

Name of Person Signing

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

11/30/2001 6TOM11

00000116 09992258

01 FC:581

40.00 DP

PATENT  
REEL: 012326 FRAME: 0429

# ASSIGNMENT

Page 1 of 4

PD-00-392

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 **Sub-Reflector For Dual-Reflector Antenna System** 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 Chicago, Illinois, with a mailing address of 100 North Riverside Plaza, Chicago, Illinois 60606-1596, 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 Parthasarathy Ramanujam	INVENTOR'S SIGNATURE <i>Parthasarathy Ramanujam</i>	DATE 10/25/01
RESIDENCE (CITY AND STATE) 2601 Fisk Lane, Redondo Beach, CA 90278 5417, CARMELYN STREET, TORRANCE CA-90503		INVENTION AGREEMENT DATE 7/26/89

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On 10-25-01 before me, Kathleen M. Motta,  
a Notary Public in and for said State, personally appeared **Parthasarathy Ramanujam**, ☐ 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.



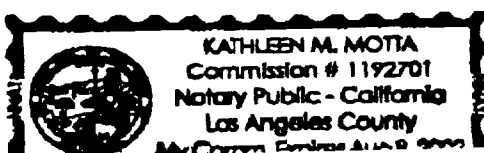
*Kathleen M. Motta*  
Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR Albert E. Lyerly	INVENTOR'S SIGNATURE <i>Albert E. Lyerly</i>	DATE 30 Oct 2001
RESIDENCE (CITY AND STATE) 1700 Victoria Drive, Fullerton, CA 92831-3024		INVENTION AGREEMENT DATE

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On 10-30-01 before me, Kathleen M. Motta, Notary,  
a Notary Public in and for said State, personally appeared **Albert E. Lyerly**, ☐ 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 Brian M. Park	INVENTOR'S SIGNATURE <u>Brian Park</u>	DATE 10/25/01
RESIDENCE (CITY AND STATE) 23518 Anza Avenue C, Torrance, CA 90505		INVENTION AGREEMENT DATE

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On 10-25-01 before me, Kathleen M. Motta,  
a Notary Public in and for said State, personally appeared Brian M. Park. ☐ 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.



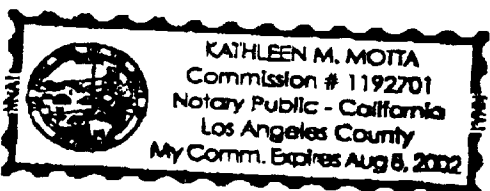
Kathleen M. Motta  
Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR Hussain Haddad	INVENTOR'S SIGNATURE <u>Hussain Haddad</u>	DATE 10/25/2001
RESIDENCE (CITY AND STATE) 3909 S. Sepulveda Boulevard #409, Los Angeles, CA 90049		INVENTION AGREEMENT DATE

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On 10-25-01 before me, Kathleen M. Motta,  
a Notary Public in and for said State, personally appeared Hussain Haddad. ☐ 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 Laurston C. Wah	INVENTOR'S SIGNATURE <i>Laurston C. Wah</i>	DATE 11/30/01
RESIDENCE (CITY AND STATE) 2601 404 S. Prospect, Manhattan Beach, CA 90266		INVENTION AGREEMENT DATE

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On 10-30-01 before me, Kathleen M. Motta,  
a Notary Public in and for said State, personally appeared Laurston C. Wah, ☐ 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

