

09-20-2004

Atty Dkt No.: RTN2-164PUS

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(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

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

1. Name of conveying party(ies):

Katherine J. Herrick

2. Name and address of receiving party(ies)

Name: Raytheon Company

Internal Address:

Street Address: 870 Winter Street

City: Waltham State: MA Zip: 02451

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 7, 2004

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: 09/07/04

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Daly, Crowley & Mofford, LLP

Internal Address:

Street Address: 275 Turnpike Street, Suite 101

City: Canton State: MA Zip: 02021-2310

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:

500845

(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.

Donald F. Mofford 33,740

Name of Person Signing

Signature

September 9, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

22278 U.S. PTO
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40.00 EP

PATENT
REEL: 015785 FRAME: 0147

A S S I G N M E N T

Whereas I, the undersigned, Katherine J. Herrick, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled REFLECT ANTENNA, identified as Attorney Docket No. RTN2-164PUS and Client Case No. 03E055 which application was executed on September 7, 2004 and filed on Herewith and Assigned Application No. _____. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, MA 02021-2310, to insert above the execution date, filing date and/or Application No. of said application.

Whereas Raytheon Company, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, MA 02451-1449 and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

7 SEPT 04
Date

Katherine J. Herrick
Katherine J. Herrick

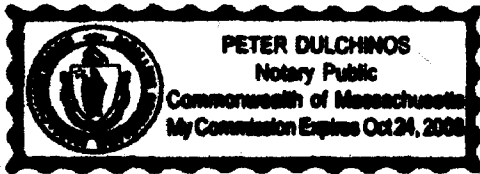
Commonwealth of Massachusetts }
County of Middlesex } SS.

On this the 7th day of September, 2004, before me, Peter Dulchinos,
Day Month

the undersigned Notary Public, personally appeared Katherine J. Herrick, proved to me through satisfactory evidence of identity, which was/were personal knowledge

(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.



Peter Dulchinos
Signature of Notary Public

Peter Dulchinos
Printed Name of Notary Public

Place Notary Seal and/or Any Stamp Above

My Commission Expires Oct. 24, 2008

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