

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: Delcheccolo, Michael Joseph

Execution Date: 02/19/2002

Name: Russell, Mark E.

Execution Date: 02/19/2002

Name: Woodington, Walter Gordon

Execution Date: 02/19/2002

Name: Pleva, Joseph S.

Execution Date: 02/18/2002

Name: Firda, John M.

Execution Date: 02/14/2002

Name: Van Rees, H. Barteld

Execution Date: 02/25/2002

RECEIVING PARTY DATA

Name: Raytheon Company

Street Address: 141 Spring Street

Internal Address:

City: Lexington

State: MASSACHUSETTS

Country:

Postal Code: 02421

PROPERTY NUMBERS

Application Number: 10062578

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 781-401-9966

CORRESPONDENCE DATA:

800001830

**PATENT
REEL: 012505 FRAME: 0711**

***Correspondence will be sent via US Mail when a fax number
has not been provided or the fax attempt is unsuccessful.***

When the customer number has been provided, the Office of Public Records
will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 022494

NAME OF PERSON SIGNING: Christopher S. Daly

DATE SIGNED: 03/22/2002

Total Attachments: 4

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ASSIGNMENT

Whereas we, the undersigned, Michael Joseph Delcheccolo, Mark E. Russell, Walter Gordon Woodington, Joseph S. Pleva, John M. Firda and H. Barteld Van Rees, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled NEAR OBJECT DETECTION SYSTEM, identified as Attorney Docket No. RTN-108BUS, which application was filed on January 31, 2002 and assigned Application No. 10/062,578. In the event that the 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 filing date and/or Application No. of said application.

Whereas, Raytheon Company, a Massachusetts corporation having a place of business at 141 Spring Street, Lexington, Massachusetts 02421, 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 me, receipt and sufficiency of which I hereby acknowledge, I 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 executed this Assignment as an instrument under seal on the dates indicated next to my name.


State or Commonwealth of Massachusetts

County Middlesex

Dated 2/19/02


Michael Joseph Delcheccolo

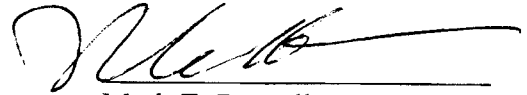
On this 19th day of February, 2002, before me appeared Michael Joseph Delcheccolo, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

State or Commonwealth of Massachusetts

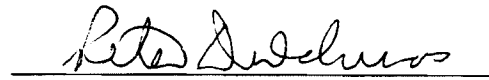
County Middlesex

Dated 2/19/02



Mark E. Russell

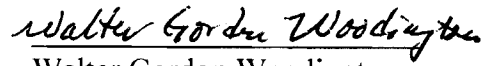
On this 19th day of February, 2002, before me appeared Mark E. Russell, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

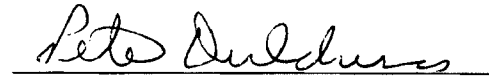
State or Commonwealth of Massachusetts

County Middlesex

Dated 2/19/02


Walter Gordon Woodington

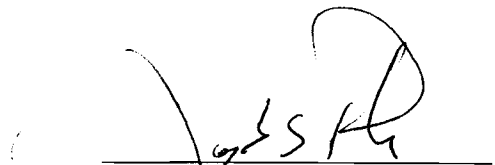
On this 19th day of February, 2002, before me appeared Walter Gordon Woodington, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

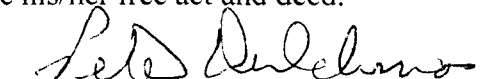
State or Commonwealth of Massachusetts

County Middlesex

Dated 2/18/02


Joseph S. Pleva

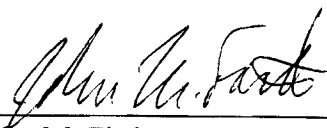
On this 18th day of February, 2002, before me appeared Joseph S. Pleva, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.


Notary Public

State or Commonwealth of Massachusetts

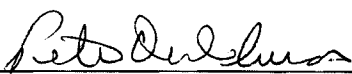
County Middlesex

Dated Feb. 14, 2002



John M. Firda

On this 14th day of February, 2002, before me appeared John M. Firda, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

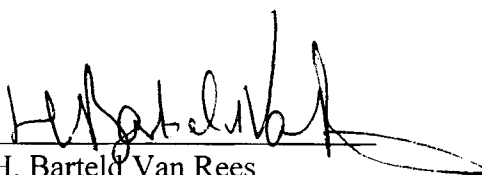


Notary Public

State or Commonwealth of Massachusetts


County Middlesex

Dated Feb. 25, 2002



H. Barteld Van Rees

On this 25th day of February, 2002, before me appeared H. Barteld Van Rees, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



Notary Public

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