

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Deborah J. Kirby</td> <td>04/22/2009</td> </tr> <tr> <td>Terence J. De Lyon</td> <td>04/24/2009</td> </tr> <tr> <td>David T. Chang</td> <td>04/22/2009</td> </tr> <tr> <td>Frederic P. Stratton</td> <td>04/24/2009</td> </tr> <tr> <td>Daniel J. Gregoire</td> <td>04/24/2009</td> </tr> <tr> <td>Jeffery J. Puschell</td> <td>04/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Deborah J. Kirby	04/22/2009	Terence J. De Lyon	04/24/2009	David T. Chang	04/22/2009	Frederic P. Stratton	04/24/2009	Daniel J. Gregoire	04/24/2009	Jeffery J. Puschell	04/28/2009
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Raytheon Company</td> </tr> <tr> <td>Street Address:</td> <td>870 Winter Street</td> </tr> <tr> <td>City:</td> <td>Waltham</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02451-1449</td> </tr> </table>		Name:	Raytheon Company	Street Address:	870 Winter Street	City:	Waltham	State/Country:	MASSACHUSETTS	Postal Code:	02451-1449				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: (703)770-7901</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-770-7900</p> <p>Email: docket_IP@pillsburylaw.com</p> <p>Correspondent Name: Pillsbury Winthrop Shaw Pittman LLP (Ray</p> <p>Address Line 1: P.O. Box 10500</p> <p>Address Line 4: McLean, VIRGINIA 22102</p>															
ATTORNEY DOCKET NUMBER:	073522-0375867														
NAME OF SUBMITTER:	Larry J. Hume														

CH \$40.00 12433631

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PATENT
REEL: 022623 FRAME: 0592

Total Attachments: 7

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Attorney Docket No. 073522-0375867
Raytheon Ref.:08W027/2008-00178

ASSIGNMENT BY INVENTOR

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Full name of sole or first inventor	Deborah J. Kirby
Mailing Address	5026 Dantes View Drive, Calabasas, CA, 91301
Full name of second inventor, if any	Terence J. De Lyon
Mailing Address	3784 Calle Linda Vista, Newbury Park, CA, 91320
Full name of third inventor, if any	David T. Chang
Mailing Address	4367 Willow Glen Street, Calabasas, CA, 91302
Full name of fourth inventor, if any	Frederic P. Stratton
Mailing Address	307 N. Doheny Drive, Beverly Hills, CA, 90211
Full name of fifth inventor, if any	Daniel J. Gregoire
Mailing Address	2461 Ridgebrook Place, Thousand Oaks, CA, 91362
Full name of sixth inventor, if any	Jeffery J. Puschell
Mailing Address	985 College Canyon Road, Solvang, CA, 93463

hereby sell, assign and transfer to

ASSIGNEE:

Raytheon Company
870 Winter Street
Waltham, MA 02451-1449

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Attorney Docket No. 073522-0375867
Raytheon Ref.:08W027/2008-00178

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

MULTIBAND SUB-WAVELENGTH IR DETECTOR HAVING FREQUENCY SELECTIVE SLOTS AND METHOD OF MAKING THE SAME

and which is found in (37 C.F.R § 3.21) U.S. application naming the above inventors for the above-entitled invention and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

AND for the same consideration, Assignor(s) hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignor(s) will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor(s) hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor(s) hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

All Attorneys associated with USPTO Customer No. 081715

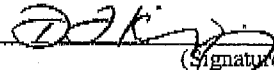
Pillsbury Winthrop Shaw Pittman, LLP
1650 Tyson's Blvd.
McLean, VA 22101

AND Assignor(s) acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Attorney Docket No. 073522-0375867
Raytheon Ref.:08W027/2008-00178

SIGNATURES:


Executed this 22nd day of April, 2009,
at HRL Laboratories, LLC, Malibu, CA.

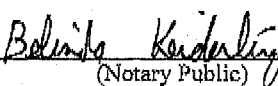

(Signature)
Deborah J. Kirby
Printed Name – sole or first inventor

State of California)
County of Los Angeles)

Before me personally appeared said Deborah J. Kirby
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

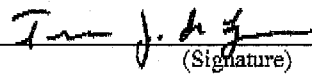
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal 


(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

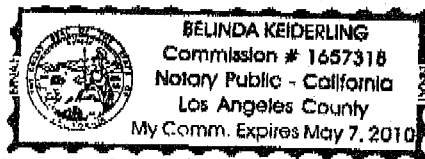
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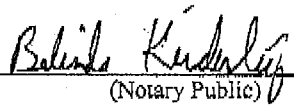

(Signature)
Terence J. De Lyon
Printed Name – second inventor

State of California)
County of Los Angeles)

Before me personally appeared said Terence J. De Lyon
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal 


(Notary Public)

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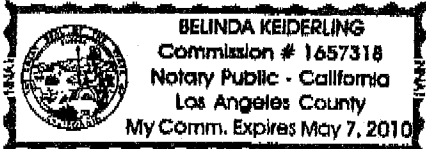
Executed this 22nd day of April, 2009,
at HRL Laboratories, LLC, Malibu CA

David T. Chang
(Signature)
David T. Chang
Printed Name - third inventor

State of California)
County of Los Angeles)

Before me personally appeared said David T. Chang
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal  Belinda Keiderling
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

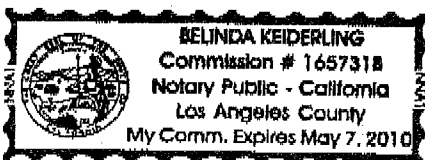
Executed this 24TH day of April, 2009,
at HRL Laboratories, LLC, Malibu Ca

Fred Stratton
(Signature)
Frederic P. Stratton
Printed Name - fourth inventor

State of California)
County of Los Angeles)

Before me personally appeared said Frederic P. Stratton
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal  Belinda Keiderling
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.



Attorney Docket No. 073522-0375867
Raytheon Ref.:08W027/2008-00178

Executed this 24th day of April, 2009,
at Malibu, CA


(Signature)
State of California) Daniel J. Gregoire
County of Los Angeles) Printed Name - fifth inventor

Before me personally appeared said Daniel J. Gregoire
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal  
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

Executed this _____ day of _____, _____,
at _____

(Signature)
State of California) Jeffery J. Puschell
County of _____) Printed Name - sixth inventor

Before me personally appeared said _____
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal _____
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

Attorney Docket No. 073522-0375867
Raytheon Ref.:08W027/2008-00178

Executed this _____ day of _____ , _____
at _____

(Signature)

State of California)
County of _____) Daniel J. Gregoire
Printed Name - fifth inventor

Before me personally appeared said _____
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal _____
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are
required.

Executed this 28th day of April , 2009
at El Segundo, California

(Signature)

State of California)
County of _____) Jeffery J. Puschel
Printed Name - sixth inventor

Before me personally appeared said _____
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the
within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and
that by his/her signature on the instrument the person executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

Seal _____
(Notary Public)

SEE
ATTACHED
INA

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are
required.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Los AngelesOn 4-28-09

Date

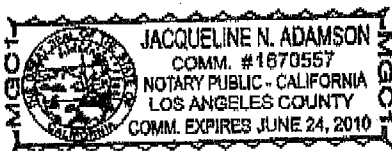
before me, JACQUELINE N. ADAMSON

Here Insert Name and Title of the Officer

personally appeared

Jeffery J. Puschell

Name(s) of Signer(s)



who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Jacqueline N. Adamson

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

ASSIGNMENT BY INVENTOR

Document Date:

NOT DATED

Number of Pages:

2

Signer(s) Other Than Named Above:

Deborah Kirby; Terence J. DeBon; David Chang
Frederic Stratton; DANIEL GREGOIRE**Capacity(ies) Claimed by Signer(s)**

Signer's Name:

Jeffery J. Puschell☒ Individual☐ Corporate Officer — Title(s):☐ Partner — ☐ Limited ☐ General☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator☐ Other:

Signer is Representing:

selfRIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Signer's Name:

☐ Individual☐ Corporate Officer — Title(s):☐ Partner — ☐ Limited ☐ General☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator☐ Other:

Signer is Representing:

RIGHT THUMBPRINT
OF SIGNER

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