

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Kamal Tabatabaie	02/20/2009
Michael S. Davis	02/23/2009
Jeffrey R. LaRoche	02/23/2009
Valery S. Kaper	02/19/2009
John P. Bettencourt	02/23/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Raytheon Company
<b>Street Address:</b>	870 Winter Street
<b>City:</b>	Waltham
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02451-1449
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12356254
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(781)401-9966
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	7814019988
<b>Email:</b>	dms@dc-m.com
<b>Correspondent Name:</b>	Daly, Crowley, Mofford & Durkee, LLP
<b>Address Line 1:</b>	354A Turnpike Street
<b>Address Line 4:</b>	Canton, MASSACHUSETTS 02021-2714
<b>ATTORNEY DOCKET NUMBER:</b>	RTN2-207PUS
<b>NAME OF SUBMITTER:</b>	Donald F. Mofford

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**PATENT  
 REEL: 022625 FRAME: 0979**

**Total Attachments: 7**

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## A S S I G N M E N T

Whereas we, the undersigned, Kamal Tabatabaie, Michael S. Davis, Jeffrey R. LaRoche, Valery S. Kaper and John P. Bettencourt hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled ELECTRICAL CONTACTS FOR CMOS DEVICES AND III-V DEVICES FORMED ON A SILICON SUBSTRATE, identified as Attorney Docket No. RTN2-207PUS, and Client Case No. 08E128/US/ESR, which application was executed on 2/13/09, 2/13/09, 2/23/09, 2/19/09, & 2/13/09, and filed on January 20, 2009 and assigned Application No. 12/356,254. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect 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 & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the execution date, filing date and/or Application No. of said application.

Whereas, a Raytheon Company, a Delaware Corporation having a place of business at 870 Winter Street, Waltham, Massachusetts 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 and any provisional applications from which priority is claimed in 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 name(s).

Dated: February 20, 2009 Kamal Tabatabaie  
Kamal Tabatabaie

On this 20 day of February, 2009, before me appeared Kamal Tabatabaie, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

WILLIAM C. BOURCY  
First Witness Signature


WILLIAM C. BOURCY  
First Witness Printed Name

On this 20 day of February, 2009, before me appeared Kamal Tabatabaie, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

PAUL J. DOUGL  
Second Witness Signature

PAUL J. DOUGL  
Second Witness Printed Name

Dated: 2/23/2009

  
\_\_\_\_\_  
Michael S. Davis

On this 23 day of FEBRUARY, 2009, before me appeared Michael S. Davis, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
First Witness Signature

WILLIAM C. BOURCY  
\_\_\_\_\_  
First Witness Printed Name

On this 23 day of February, 2009, before me appeared Michael S. Davis, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
Second Witness Signature

Christopher J MacDonald  
\_\_\_\_\_  
Second Witness Printed Name

Dated: 2/23/09

Jeffrey R. LaRoche  
Jeffrey R. LaRoche

On this 23<sup>rd</sup> day of February, 2009, before me appeared Jeffrey R. LaRoche, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Steven K. Pennington  
First Witness Signature

STEVEN K. PENNINGTON  
First Witness Printed Name

On this 23<sup>rd</sup> day of February, 2009, before me appeared Jeffrey R. LaRoche, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Edward M. Chambers  
Second Witness Signature

Edward M. Chambers  
Second Witness Printed Name

Dated: February 19, 2009

Valery S. Kaper  
Valery S. Kaper

On this 19 day of FEBRUARY, 2009, before me appeared Valery S. Kaper, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Michael S. Davis  
First Witness Signature

MICHAEL S DAVIS  
First Witness Printed Name

On this 19 day of FEBRUARY, 2009, before me appeared Valery S. Kaper, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Joseph M. Bosley  
Second Witness Signature

Joseph M Bosley  
Second Witness Printed Name



Dated: February 23, 2009


  
\_\_\_\_\_  
John P. Bettencourt

On this 23 day of February, 2009, before me appeared John P. Bettencourt, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
First Witness Signature

Frank J DeCaro  
\_\_\_\_\_  
First Witness Printed Name

On this 23rd day of February, 2009, before me appeared John P. Bettencourt, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
Second Witness Signature

Ed Swiderski  
\_\_\_\_\_  
Second Witness Printed Name

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