

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Clifton Quan	11/03/2009
Mark Hauhe	11/03/2009
RECEIVING PARTY DATA	
Name:	Raytheon Company
Street Address:	870 Winter Street
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451-1449
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12617509
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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ATTORNEY DOCKET NUMBER:	64020/R691
NAME OF SUBMITTER:	Gabriel Fitch
Total Attachments: 2 source=64020assignment#page1.tif source=64020assignment#page2.tif	

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PATENT
REEL: 023551 FRAME: 0618

ASSIGNMENT

WHEREAS, WE, CLIFTON QUAN AND MARK HAUHE, residing at 5521 N. Florinda Ave., Arcadia, CA 91006 and 977 15th Place, Hermosa Beach, CA 90254, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SWITCHABLE MICROWAVE FLUIDIC POLARIZER**, Raytheon Ref. 08W191, CPH Ref. R691:64020.

AND WHEREAS RAYTHEON COMPANY, a Delaware corporation, having a place of business at 870 Winter Street, Waltham, Massachusetts 02451-1449 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 3 day of November, 2009



Clifton QUAN

ASSIGNMENT
Docket No. 64020/R691

Joint

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On November 3, 2009 before me, Susan Valerie Antrillo,
Notary Public, personally appeared **Clifton QUAN**, 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 executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.



Susan Valerie Antrillo
Signature of Notary (Seal)

IN TESTIMONY WHEREOF, I hereunto set my hand this 3 day of November,
2009.

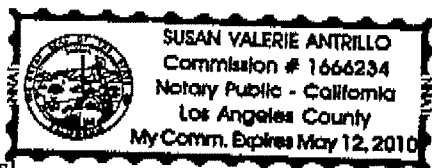
Mark HAUHE
Mark HAUHE

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On November 3, 2009 before me, Susan Valerie Antrillo,
Notary Public, personally appeared **Mark HAUHE**, 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 executed the same in his authorized capacity, and that by his
signature on the instrument the person, or the entity upon behalf of which the person 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.



Susan Valerie Antrillo
Signature of Notary (Seal)

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