

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Lloyd E. Kinsey	12/11/2008
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12468190
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<b>ATTORNEY DOCKET NUMBER:</b>	R009-P09056US
<b>NAME OF SUBMITTER:</b>	Nicole M. Abeloe
<b>Total Attachments: 2</b> source=P09056 Signed assignment from Provisional#page1.tif source=P09056 Signed assignment from Provisional#page2.tif	

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**PATENT**  
**REEL: 023249 FRAME: 0241**

## ASSIGNMENT

**WHEREAS**, each undersigned inventor (hereinafter "ASSIGNOR") of the address indicated below, is an inventor of "METHODS AND APPARATUS FOR INTEGRAL THRUST VECTOR AND ROLL CONTROL" for which an application for Letters Patent of the United States has been filed on 5/21/2008, and assigned serial no. 61/055,136;

**AND WHEREAS**, Raytheon Company (hereinafter "ASSIGNEE"), an entity having its principal place of business and mailing address at 870 Winter Street, Waltham, Massachusetts 02451-1449 is desirous of memorializing its interest therein;

**NOW, THEREFORE**, the undersigned ASSIGNOR hereby confirms ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless, to comport with Patent and Trademark Office procedures, ASSIGNOR memorializes that transfer in the form of this assignment and;

**THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign, and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR's full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with any related applications or rights, including any provisional, nonprovisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, PCT, or other patent application or like document or right, and any right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

**AND HEREBY AGREES** to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements and continuing applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred,

Inventor: Lloyd E. Kinsey

Signature: Lloyd E. Kinsey

Date: 12-11-08

Residence address: 11230 East Twin Hills Trail, Tucson, Arizona 95748

STATE OF Arizona )  
 ) ss.  
COUNTY OF Pima )

On this 11<sup>th</sup> day of December, 2008, before me, a notary public in and for said county, appeared Lloyd E. Kinsey, who is known to me to be the same person whose name is subscribed to the foregoing instrument, and s/he acknowledges that s/he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

Carol M. Gaudette

Notary Public

