

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Russell P. Patera	07/06/2009
<b>RECEIVING PARTY DATA</b>	
Name:	The Aerospace Corporation
Street Address:	2310 East El Segundo Boulevard
City:	El Segundo
State/Country:	CALIFORNIA
Postal Code:	90245-4691
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12498750
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(412)355-6501
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(412) 355-6342
Email:	patents@klgates.com
Correspondent Name:	Mark G. Knedeisen
Address Line 1:	535 Smithfield Street
Address Line 2:	Henry W. Oliver Building
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222-2312
ATTORNEY DOCKET NUMBER:	090177
NAME OF SUBMITTER:	Mark G. Knedeisen
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 12498750

Docket No. 090177

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS:

Russell P. Patera, a resident of Torrance, CA, a citizen of USA:

(hereinafter referred to as ASSIGNOR), has made an invention or discovery entitled:

**SYSTEMS AND METHODS FOR ATTITUDE PROPAGATION FOR A SLEWING ANGULAR RATE VECTOR**

- for which application for Letters Patent of the United States has been executed on even date herewith, or
- for which application for Letters Patent of the United States has been filed on \_\_\_\_\_ under Serial No. \_\_\_\_\_, and

WHEREAS:

The Aerospace Corporation, having a principal office at 2310 East El Segundo Boulevard, El Segundo, California 90245-4691 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in, to and under said invention or discovery, and in, to and under said United States application, and in, to and under Letters Patent or similar legal protection to be granted thereon in the United States and in any and all foreign countries, and of confirming the same or any part thereof heretofore acquired by ASSIGNEE.

NOW, THEREFORE:

In consideration of the payment by ASSIGNEE to the ASSIGNOR of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers to and confirm in ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said invention or discovery in the United States and its territorial possessions and in all foreign countries; and to said United States application and any and all other applications on said invention or discovery in whatsoever countries, including any continuations, divisions, substitutes or renewals; and to all Letters Patent, and all reissues, re-examinations, and extensions thereof, or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention or discovery or upon said applications or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and every priority right that is or may be predicated upon or arise from said invention or discovery, said applications and said Letters Patent,

I, SAID ASSIGNOR, hereby authorizes and requests the Director of the United States Patent and Trademark Office, the Commissioner for Patents of the United States of America, any other United States Official, and/or any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue or transfer all such Letters Patent for said invention or discovery to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID ASSIGNOR, hereby covenant that I have full right to convey the entire right, title and interest herein sold, assigned, transferred, set over and confirmed, and that I have not executed and will not execute any agreement in conflict herewith;

AND I, SAID ASSIGNOR, hereby further covenants and agrees that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for Letters Patent in any or all countries on said invention or

Docket No. 090177

discovery in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, and may claim the benefits of the International Convention or otherwise claim priority rights;

AND I, SAID ASSIGNOR, hereby further covenants that I will, at any time when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns: communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said invention or discovery or the history thereof, including without limitation the furnishing of any and all documents, photographs, models, samples and other physical exhibits in our control which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said invention or discovery; execute and deliver to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any and all lawful papers that may be necessary or desirable to perfect the title to the said invention or discovery, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns; if reissues, re-examinations, or other like proceedings involving the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, re-examination and reissue applications so desired, and do all lawful acts requisite for the application for such reissues, re-examinations and the procuring thereof and for the filing of such disclaimers and such applications; and generally do everything possible, including testifying in any legal proceedings, signing all lawful papers and making all rightful oaths, to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, and without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, I have hereunto affixed my signature on the date and year opposite my signature.

Assignor's Signature: Russell P. Patera 7/6/09  
Name Date

Assignor's Typed Name: Russell P. Patera  
First Name Middle Initial Last Name

Citizenship: USA

STATE OF )  
ss.: )  
COUNTY OF )

On this 6th day of JULY, 2009, before me, the undersigned authority, personally appeared RUSSELL P. PATERA, known and known to me to be the individual who is described in and who executed the foregoing Assignment, and who duly acknowledged to me that he/~~she~~ executed the same as his/~~her~~ own voluntary act and deed.

Joan M. Blaty  
Notary Public

