

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Roland FRENKIEL</td><td>03/12/2009</td></tr><tr><td>Christian MEHLEN</td><td>03/12/2009</td></tr></tbody></table>	Name	Execution Date	Roland FRENKIEL	03/12/2009	Christian MEHLEN	03/12/2009	
Name	Execution Date						
Roland FRENKIEL	03/12/2009						
Christian MEHLEN	03/12/2009						
RECEIVING PARTY DATA							
Name:	THALES						
Street Address:	45, rue de Villiers						
City:	Neuilly Sur Seine						
State/Country:	FRANCE						
Postal Code:	92200						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12160224</td></tr></tbody></table>	Property Type	Number	Application Number:	12160224			
Property Type	Number						
Application Number:	12160224						
CORRESPONDENCE DATA							
Fax Number:	(703)581-5499						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	703-684-1111						
Email:	sramunto@ipfirm.com						
Correspondent Name:	LOWE HAUPTMAN & BERNER, LLP						
Address Line 1:	1700 DIAGONAL ROAD, SUITE 300						
Address Line 4:	ALEXANDRIA, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	4590-941						
NAME OF SUBMITTER:	Kenneth M. Berner						
Total Attachments: 1 source=efiledassgn#page1.tif							

OP \$40.00 12160224

500804522

PATENT
REEL: 022382 FRAME: 0972

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

1) **FRENKIEL Roland**

55 bd Deodat de Severac - 31300 TOULOUSE - FRANCE

2) **MEHLEN Christian**

Chemin des Pechers - 26800 ETOILE SUR RHONE - FRANCE

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **THALES**

having a place of business at **45 rue de Villiers - 92200 NEUILLY/SUR/SEINE - FRANCE**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

DEVICE FOR CONTROL OF RELATIVE POSITION(S) BY MEASUREMENTS OF POWER, FOR A SPACECRAFT OF A GROUP OF SPACECRAFT IN FORMATION

(a) for which an application for United States Letters Patent was filed on 12 MARS 2009 and identified by United States Patent Application No. 12/160224 : or

(b) for which an application for United States Letters Patent was executed on _____.

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Roland FRENKIEL
Name: **FRENKIEL Roland**

12 march 2009
Date:

2) Christian Mehlen
Name: **MEHLEN Christian**

12 march 2009
Date:

PATENT

RECORDED: 03/12/2009

REEL: 022382 FRAME: 0973