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FORM PTO-1595 (Rev. 6-93)				U.S. DEPARTMEN Patent and	OF COMMERCE	
OMB No. 0651-0011 (exp. 4/94) REC	07-07		Т		
Customer No : 1	020001	10108	34641	ı	PD-980162	
Customer No.: 020991 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.						
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			Internal Address:	Bldg. 001, M/S A109	2.3	
				P.O. Box 956	8 (C)	
Additional Name(s) of conveying party(ies) attached?				El Segundo, California	90245	
yes □ 3. Nature of Conv	vevance: no 🗷		Street Address:	Bldg. 001, M.S. A109	7	
O. Maidio of Golff	oyunoo.		Ou cot Address.	200 North Sepulveda	Blvd.	
				El Segundo, California	a 90245-0956	
-	Agreement Ch	ange of Name				
□ Other			Additional name(s) & address(es) attached? ☐ yes ☒ no			
Execution Date: <u>J</u>	<u>une 18, 1999</u>					
4. Application number(s) or patent number(s):						
4. Application number(s) of patent number(s).						
If this document is being filed together with a new application, the execution date of the application is: June 18, 1999.						
A. Pater	nt Application No.(s)		B. Patent No.(s)			
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5. Name and address of party to whom correspondence concerning document should be mailed:			Total number of applications and patents involved: [1]			
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.						
	original document. 00062 500383 09344212) / .	1,141			
		1 / 1	Sulle			
Terje Gudmesta	d Reg. No. 32,232			June 24,		
Date Date						

Mail documents to be recorded with required cover sheet information to:
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PATENT REEL: 010066 FRAME: 0129

Total number of pages comprising cover sheet: [03]



ASSIGNMENT

Page 1 of 2 PD-980162

Customer No. 020991

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a(an) ATTITUDE CONTROL OF SPINNING SPACECRAFT WITH COUNTERSPUN CONTROLS PLATFORM for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on _____ as Serial No.; and

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

13650 CO JAN 98

PATENT REEL: 010066 FRAME: 0130 IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE				
Bruce N. Eyerly	Thun of Egyl	6-18-99				
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE				
2632 Woodbury Drive, Torrance, Califo	July 6, 1979					
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE				
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE				
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE				
		5,112				
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE				
CALTEORNIA						
STATE OF CALIFORNIA)					
STATE OF						
	,					
On June 18, 1999 before me, Christina H. Tady						
		,				
a Notary Public in and for said State, personally appeared						
a wotary rabile in and for said state, perso	briding appeared bridge N. Eyer	<u> </u>				
D' pérsonally khowh/to/mé/or D proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same						
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or						
the entity upon behalf of which the person(s	s) acted, executed the instrument.	, , , ,				
WITNESS my hand and official seal.						
•						
-						
CHRISTINA H. TADY Commission #1075246	Chietie	. 21 11				
Notary Public California Les Angeles County	_ musur	y Public				
My Chiam, Consultation 1, 1999	Notary	y Fublic				

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PATENT REEL: 010066 FRAME: 0131