5627979051 > T.S. DEPARTMENT OF SOMMER CE 2/5 201,1, pg 19; 12:16 The Boeing Company (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) RECORDATION FORM COVER SHEET PATENTS ONLY PD-93037 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Charles P. Rubin Name: **HUGHES ELECTRONICS** John A. Fabbri George N. Young Internal Address: Bldg. C01, M/S A126 P.O. Box 80028 Additional Name(s) of conveying party(ies) attached? Los Angeles, California 90080-0028 yes 🗆 no 🗷 3. Nature of Conveyance: Street Address: 7200 Hughes Terrace Los Angeles, California 90045 Assignment □ Merger ☐ Security Agreement □ Change of Name ☐ Other \_\_\_\_\_ Additional name(s) & address(es) attached? □ yes ☒ no Execution Date: September 3, 1996 & September 4, 1996 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 3. 1996 and September 4, 1996. A. Patent Application No.(s) B. Patent No.(s) 08/748,920 Additional numbers attached? □ yes ⊠ no 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: [1] concerning document should be mailed: 7. Total fee (37 CFR 3.41)..... \$40.00 Name: Patent Records Administration Internal Address: HUGHES ELECTRONICS □ Enclosed Building CO1, M/S A126 Authorized to be charged to deposit account P.O. Box 80028 Los Angeles, California 90080-0028 8. Deposit account number: see paid Street Address: 7200 Hughes Terrace 08-3250 Los Angeles, California 90045 DO NOT USE THIS SPACE 9. Statement and signature.

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.

Terje Gudmestad

Name of Person Signing Reg. No. 32,232 ignature Dat

Total number of pages comprising cover sheet: [ 4 ]

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## **ASSIGNMENT**

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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) BOWED SOLAR ARRAY 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, HE Holdings, Inc., doing business as Hughes Electronics, (hereinafter referred to as HUGHES ELECTRONICS), a Delaware Corporation, having its principal place of business in Los Angeles, 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 ELECTRONICS, 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 ELECTRONICS, 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 ELECTRONICS, 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 ELECTRONICS, 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 ELECTRONICS, 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 ELECTRONICS, its successors, assigns or other legal representatives.

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PATENT REEL: 025783 FRAME: 0755

ASSIGNMENT Page 2 of 2 PD-93037

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
CHARLES P. RUBIN	Charles / Kulvi		9-3-96	
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE		
2016 THAYER AVENUE, LOS ANGELES, CALIFORNIA 90025 U.S.A.		OCTOBER 01, 1966		
	<b>.</b>			
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE 9/4/96	
JOHN A. FABBRI	John G Teller			
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE		
9927 NEVADA AVENUE, CHATSWORTH, CALIFORNIA 91311 U.S.A.		APRIL 04, 1979		
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	<u>.</u>	DATE	
	INVENTED SIGNATURE		9/4/96	
GEORGE N. YOUNG	milles		71.17.16	
RESIDENCE (CITY AND STATE) INVENTION AGREEMENT DATE				
7706 BOEING AVENUE, LOS ANGELES, CALIFORNIA 90045 U.S.A.			SEPTEMBER 26, 1978	
FILL NAME OF BOLE OR JONET INVENTOR				
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
RESIDENCE (CITY AND STATE)		INVENTIO	N AGREEMENT DATE	
,				
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
RESIDENCE (CITY AND STATE)			INVENTION AGREEMENT DATE	
STATE OF <u>California</u>	`			
) SS:				
COUNTY OFLos Angeles				
On September 3, 1996 before me, Christina H. Tady,				
a Notary Public in and for said State, personally appeared CHARLES P. RUBIN				
;				
D pérsonálly known to 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/he//he/ig authorized capacity(ie/s), and that by his/he/r the/r signature(s) on the instrument the				
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.				

WITNESS my hand and official seal.



Notary Public Christian W. Job

13650 CO FEB 96

PATENT REEL: 025783 FRAME: 0756

## 5627979051 >>

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**ASSIGNMENT** 

ADDENDUM Page 1 of 1

	PD- 93037
STATE OF <u>CALIFORNIA</u>	_ ) _ )
COUNTY OF LOS ANGELES	_ )
On Sept. 4, 1996 before me. CHRIST	peared John A. Fabbri and
a Notary Public in and for said State, personally ap	peared John A. Fabbri and
George N. Voung	of satisfactory evidence) to be the person(s) whose name(s) is / a
subscribed to the within instrument and acknowledge	ged to me that <del>he/she</del> /they executed the same in h <del>is/he</del> r/the anature(s) on the instrument the person(s), or the entity upon beha
CHRISTINA H. TADY Commission #1075246 Notary Public — California Los Angeles County My Comm. Expires Nov 1, 1999	Notary Public Christinia D. Jarly
STATE OF	)
COUNTY OF	) SS: _ )
On before me,	
	peared
of which the person(s) acted, executed the instrume WITNESS my hand and official seal.	∍nt.
	Notary Public
STATE OF	)
COUNTY OF	) SS: _ )
	peared
subscribed to the within instrument and acknowled authorized capacity(ies), and that by his / her / their signal.	of satisfactory evidence) to be the person(s) whose name(s) is / a ged to me that he / she / they executed the same in his / her / the gnature(s) on the instrument the person(s), or the entity upon behent.
of which the person(s) acted, executed the instrumed WITNESS my hand and official seal.	
	Notary Public

**PATENT** REEL: 025783 FRAME: 0757

RECORDED: 02/11/2011