## 07-14-1998



Customer No. 020991 PD-970115

100763307 PD-970115 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark ffice RECORDATION FORM COVER SHEET **PATENTS ONLY** To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereo 1. Name of conveying party(ies): Name and address of receiving party(ies FARAMAZ DAVARIAN Name: HUGHES ELECTRONICS CORPORATION SHOU CHEN Internal Address: Bldg. 001, M/S A109 Additional Name(s) of conveying party(ies) attached? P.O. Box 956 200 N. Sepulveda Blvd. yes □ no 🗵 El Segundo, CA 90245-0956 3. Nature of Conveyance: Street Address: Bldg. 001, M.S. A109 200 N. Sepulveda Blvd. Assignment □ Merger El Segundo, California 90245 ☐ Security Agreement ☐ Change of Name □ Other Additional name(s) & address(es) attached? ☐ yes 図 no Execution Date: April 2, 1998 and April 3, 1998 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: April 2, 1998 and April 3, 1998. A. Patent Application No.(s): B. Patent No.(s): 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): Name: Patent Records Administration Address: **Hughes Electronics Corporation** □ Enclosed Bldg. 001, M/S A109 Authorized to be charged to deposit account P.O. Box 956 200 N. Sepulveda Blvd. 8. Deposit account number: El Segundo, CA 90245-0956 50-0383 07/18/1998 DCOATES 00000077 500383 09109012 (Attached duplicate copy of this page if paying by deposit account) 01 Ft:581 40.00 CH 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.

OMB No. 0651-0011 (exp. 4/94)

GEORGANN S. GRUNEBACH Registration No. 33,179

Date

Total number of pages comprising cover sheet: [1]



## **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), **Methods for Enhancing Service and Reducing Service Cost in Mobile Satellite Systems** 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 <a href="https://doi.org/10.11/10/HEREWITH">HEREWITH</a> as Serial No. \_\_\_\_\_\_\_; and

WHEREAS, HUGHES ELECTRONICS CORPORATION, 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 CORPORATION, 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 CORPORATION, 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 CORPORATION, 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 CORPORATION, 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 CORPORATION, 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 CORPORATION, its successors, assigns or other legal representatives.

## IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
Faramaz Davarian	F Dowarium		4-3-98	
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE		
Los Angeles, California	MAC		96	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
Shou Chen	Che Short line		4/2/1998	
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE		
West Covina, California	st Covina, California		9/95	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE		

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

WITNESS my hand and official seal.

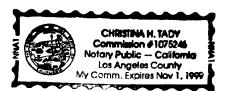


Notary Public Charling 2. 14

CT/4-2-98

STATE OF CALIFORNIA	)	
	)	SS:
COUNTY OF LOS ANGELES	)	

WITNESS my hand and official seal.



Notary Public Christian H. Isly

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PATENT REEL: 9296 FRAME: 0300