

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6833513

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT G. ARSENAULT	05/29/2001
LAURA J. O'DONNELL	05/29/2001
RECEIVING PARTY DATA	
Name:	HUGHES ELECTRONICS CORPORATION
Street Address:	BLDG.001, M/S A109
Internal Address:	P.O. BOX 956, 200 N. SEPULVEDA BLVD.
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245-0956
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11820956
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	THE DIRECTV GROUP, INC.
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Address Line 4:	EL SEGUNDO, CALIFORNIA 90245
ATTORNEY DOCKET NUMBER:	DTV200211
NAME OF SUBMITTER:	LESLEY L. ANDREW
SIGNATURE:	/Lesley L. Andrew/
DATE SIGNED:	07/27/2021
Total Attachments: 3	
source=11_820956_Assignment_inventors_Hughes_Electronics_Corporation#page1.tif	
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06-14-2001



FORM PTO-1595

1-31-92

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RECOMMENDATION FOR
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PD-200211

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert G. Arsenault

Laura J. O'Donnell

05/30/01

2. Name and address of receiving party(ies):

Name: HUGHES ELECTRONICS CORPORATION

Internal Address: Bldg. 001, M/S A109
PO Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956

Additional Name(s) of conveying party(ies) attached?

yes ☐no ☒

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: May 29, 2001Street Address: 200 N. Sepulveda Blvd.
P.O. Box 956
El Segundo, California 90245Additional name(s) & address(es) attached? ☐ yes ☒ no

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: May 29, 2001

A. Patent Application No.(s)

09/870323

B. Patent No.(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: HUGHES ELECTRONICS CORPORATION

Internal Address: Bldg. 001, M/S A109
PO Box 956
200 N. Sepulveda Blvd.
El Segundo, CA 90245-0956PLEASE ASSOCIATE THIS APPLICATION WITH
CUSTOMER NO. 020991.

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41): \$40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0383

(Attached duplicate copy of this page if paying by deposit account)

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.*Georgann S. Grunebach, Reg. No. 33,179

Name of Person Signing

Signature

May 30, 2001

Date

Total number of pages: [3]

ASSIGNMENT

HUGHESTM

Page 1 of 2
PD-200211

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) **SIMULTANEOUS TUNING OF MULTIPLE SATELLITE FREQUENCIES** 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.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Robert G. Arsenault	<i>Robert G. Arsenault</i>	5/29/01
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE
Redondo Beach, California		June 11, 1984

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Laura J. O'Donnell	<i>Laura J. O'Donnell</i>	5/29/01
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE
El Segundo, California		January 7, 1991

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
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

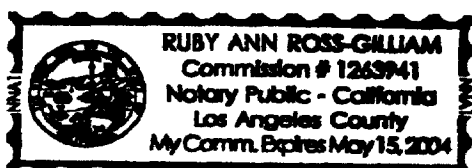
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

STATE OF California)
COUNTY OF Los Angeles) SS:

On May 29, 2001 before me, Ruby Ann Ross-Gilliam,
a Notary Public in and for said State, personally appeared
Robert G. Arsenault and Laura J. O'Donnell

☒ personally known to me ~~or it 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) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public *Ruby Ann Ross-Gilliam*