506782078 07/23/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEREK P. FOOTER	09/10/2001
CARLOS GONZALEZ	01/26/2001
ANGELA M. TRUJILLO	01/26/2001
NARDA J. LAVERDE	01/26/2001

RECEIVING PARTY DATA

Name:	HUGHES ELECTRONICS CORPORATION
Street Address:	200 N. SEPULVEDA BLVD.
Internal Address:	BLDG. 011, M/S A109, PO BOX 956
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12072264

CORRESPONDENCE DATA

Fax Number: (404)815-6555

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.

Phone: 4048156500

Email: tmcmillan-solomon@kilpatricktownsend.com

Correspondent Name: THE DIRECTV GROUP, INC. Address Line 1: 2260 E. IMPERIAL HWY.

Address Line 4: EL SEGUNDO, CALIFORNIA 90245

ATTORNEY DOCKET NUMBER:	DTV200153	
NAME OF SUBMITTER:	TERRI L. MCMILLAN-SOLOMON	
SIGNATURE:	/Terri L. McMillan-Solomon/	
DATE SIGNED:	07/23/2021	

Total Attachments: 5

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PATENT REEL: 056958 FRAME: 0057

EPAS ID: PAT6828895

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ASSIGNMENT

HUGHES

Page 1 of 2 PD-200153A

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) A SYSTEM FOR OBTAINING DATA REGARDING CUSTOMER USE OF INTERATIVE TELEVISION for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) fined on December 6, 2000 as Serial No. 09/732,498; and which application claims benefit of U.S. provisional application with Serial No. 60/201,558 (PD-200153A) filed on May 1, 2000.

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaw are 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 gcod 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 rie, 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 (7/98)

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	<u> </u>	DATE	
Derek P. Footer	To the		9/10/01	
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DAT		
531 Devonshire Court, Mountain View, C	alifornia 94043	November 8, 1999		
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE:	
Carlos Gonzalez				
RESIDENCE (CITY AND STATE)	DENCE (CITY AND STATE) INVENTION AGREE		ON AGREEMENT DATE	
19432 38 th Court, North Miami Beach, Florida 33160		March 8	March 8, 1999	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE	
Angela M. Trujillo				
RESIDENCE (CITY AND STATE)	NCE (CITY AND STATE) INVENTION AGREEM		N AGREEMENT DA TE	
650 Spinnaker Road, Weston, Florida 33326 August 18, 19		18, 1998		
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE:	
Narda J. Laverde				
RESIDENCE (CITY AND STATE)		INVENTIO	ON AGREEMENT DATE	
111 Briny Avenue 2214, Pompano Beach, Florida 33062 November 22		er 22. 1999		

STATE OF (alifornia)	
country of Santa Clara) ss:	
on Sept 10, 2001 before me, Karina Leonhardt	
a Notary Public in and for said State, personally appeared Levek Patrick Fowter	

personally known to me or 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

13650 CO (7/98)

RECORDED: 03/12/2002

ASSIGNMENT



Page 1 of 2 PD-200153A

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) A SYSTEM FOR OBTAINING DATA REGARDING CUSTOMER USE OF INTERATIVE TELEVISION 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 December 6, 2000 as Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional application with Serial No. Osyntamics.org/109/732,498 ; and which application claims benefit of U.S. provisional Application Company (International Application Company

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 (7/98)

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
Derek P. Footer			
RESIDENCE (CITY AND STATE)		INVENTIO	ON AGREEMENT DATE
632 Navarre Avenue, Coral Gables, Florida 33134		November 8, 1999	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
Carlos Gonzalez	Cala Conzelez		01/26/01
RESIDENCE (CITY AND STATE)		INVENTIO	ON AGREEMENT DATE
19432 38 th Court, North M iami Beach, Florida 33160		M arch 8, 1999	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
Angela M. Trujillo	Cholony 5 Ml		01/26/01
RESIDENCE (CITY AND STATE) / INVENTION		ON AGREEMENT DATE	
650 Spinnaker Road, Weston, Florida 33326 August 18, 1998		18, 1998	
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE /
Narda J. Laverde	Manual		01/26/01
RESIDENCE (CITY AND STATE) 5555 N.OCEAN BLUD # 53 T	ORT LANDGEDALE, FL 33508	INVENTIO	ON AGREEMENT DATE
111 Briny Avenue 2214, Pompano Beach		Novemb	per 22, 1999

STATE OF Florida)			
COUNTY OF Broward)	SS:		
		······)		/ /	
On January 26, 2001	before me, _	Hana	مک	My Lado	
a Notary Bublic in and for said State	porcopally	opposed.			
a Notary Public in and for said State	, personally i	appeared			

personally known to me or 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

MARIA E. HURTADO
COMMISSION & CC762659
EXPIRES JUL 27, 2002
BONDED THROUGH
ADVANTAGE NOTARY

STATE OF Flour Ray
STATE OF + londa) COUNTY OF Broward)
COUNTY OF PSPONDERS
On January 26, 2001 before me, Maria & Abertalo
a Notary Public in and for said State, personally appeared
itngela U. Trujillo
personally known to me or 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), of the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Maria E. Hustaly
MARIA E. HURTADO COMMISSION # CC762659 EXPIRES JUL 27, 2002 BONDED THROUGH ADVANTAGE NOTARY
STATE OF $\overline{Florida}$) SS:
COUNTY OF Brown 2) SS:
On January 26, 2001 before me, Maria E. Hostada
a Notary Public in and for said States personally appeared
personally known to me or 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), of the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Main E. Hende
MARIA E. HURTADO COMMISSION # CC762659 EXPIRES JUL 27, 2002 BONDED THROUGH ADVANTAGE NOTARY

PATENT REEL: 056958 FRAME: 0063

RECORDED: 07/23/2021