508852114 11/05/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI610557

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Steven Michael Casagrande	11/15/2007

RECEIVING PARTY DATA

Company Name:	EchoStar Technologies Corporation	
Street Address:	90 Inverness Circle East	
City:	Englewood	
State/Country:	COLORADO	
Postal Code:	80112	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13294818

CORRESPONDENCE DATA

Fax Number:

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: 3037064506

Email: max.gratton@dish.com

Correspondent Name: Max S Gratton

Address Line 1: 9601 S. Meridian Blvd.

Address Line 4: Englewood, COLORADO 80112

NAME OF SUBMITTER:	Mr. Max Gratton	
SIGNATURE:	Mr. Max Gratton	
DATE SIGNED:	11/05/2024	

Total Attachments: 3

source=ES_1211 Assignment as Recorded1844688975740299738769084#page1.tiff source=ES_1211 Assignment as Recorded1844688975740299738769084#page2.tiff source=ES_1211 Assignment as Recorded1844688975740299738769084#page3.tiff

PATENT 508852114 REEL: 069307 FRAME: 0212

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

WHEREAS, Steven Micha	el Casagrande, 121	5 Havenwood Way,	Castle Rock, Colorado	60108
(hereinafter, "Assignor") h	as solely invented a	and/or discovered cer	tain new and useful in	vention,
process, machine, manufac	ture, or composition	n of matter, or any ne	w and useful improver	ment in an
invention as described in ar	application for Le	tters Patent entitled "	Methods and Apparat	us for
Displaying Information Re	garding Interstitial	s of a Video Stream'	' filed in and/or with th	ne United
States Patent and Trademar	k Office on	, and which ha	as been assigned Appli	cation
Serial Number	and which is fu	rther identified by the	e EchoStar Docket nun	nber set
forth above (hereinafter, the	"Invention"); and			

WHEREAS, EchoStar Technologies Corporation, a corporation organized and existing under the laws of the State of Texas, United States of America and having a principal place of business of 90 Inverness Circle East, Englewood, Colorado 80112 (hereinafter, the "Assignee") desires to acquire all rights, title and interest in and to the Invention, including, but not limited to, all rights, title and interest in and to past, present and future damages, injunctive relief and to any and all other additional rights, title, interest, relief and/or remedies granted by any legislative, judicial, quasijudicial, administrative or other body, or otherwise; and

WHEREAS, Assignor, to the extent they own any right, title and interest in and to the Invention are desirous of assigning any and all such rights, title and/or interest to Assignee:

NOW THEREFORE, Assignor hereby assigns, transfers and sets over unto Assignee and its legal representatives, successor and assigns, the entire right, title and interest, including any all rights in and/or to past, present and future damages, injunctive relief and/or any other remedy and relief granted by a legislative, judicial, quasi-judicial or administrative body, in and to said Invention, said application, for any and all international, foreign, and regional applications corresponding and/or claiming priority thereto, any divisions, continuations, continuation-in-parts, reissues, reexaminations, renewals, and extensions thereof, and the Letters Patent, both foreign and domestic, that may or shall issue thereon, and does request the Commissioner of Patents to issue said Letters Patent to the Assignee, consistent with the terms of this agreement.

Assignor hereby authorizes Assignee to insert in this instrument the filing date and Application Serial Number in the above fields if not already present at the time of execution of this instrument.

Assignor hereby declares that he/she is the sole inventor (if only one inventor is named herein) or an original, first and joint inventor (if plural inventors are named herein) of the Invention. UPON SAID CONSIDERATION, Assignor hereby covenants and agrees with Assignee that they will not execute any writing or do any act whatsoever conflicting with these presents, and agrees that, when requested, he/she will, without charge to Assignee but at its expense, execute such additional assignments, declarations and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, renewal, reissued or extended Letters Patent of the United States, or of any and all foreign countries, on said invention, and in enforcing any rights or chooses in action accruing as a

Page 1 of 3

result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

Assignor agrees that he/she will communicate to Assignee or its representatives any facts known to Assignor respecting said inventions within a reasonable time of discovering or coming into possession of the same.

Assignor authorizes and empowers Assignee, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in Assignor's name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

Assignor hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of Assignee or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

Assignor covenants with Assignee, its successors, assigns, legal representatives, and nominees, that to the best of Assignor's knowledge the right, title and interest herein conveyed are free and clear of any encumbrance, and that Assignor has the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above-identified application.

After this Assignment has been recorded, please return it to:

Attn: John T. Kennedy, Esq.

V.P. of Intellectual Property and Assoc. General Counsel

EchoStar Satellite LLC 9601 S. Meridian Blvd. Englewood, CO 80112

SOLE			$\sqrt{}$
Inventor (1): Steven M	lichael Casagrande	Shylls	
(Name)		(Signature in Full)	
1	nited States of America		
Post Office Address: 12	215 Havenwood Way		
Ca	astle Rock, Colorado 80108	3	
On this $15^{-1/2}$ day of	<u>November</u> , 2007, b in the State of	efore me a notary publ	ic in and for the county
of Agashie	in the State of	desado, app	eared Steven Michael
	onally known to me to be the		
	d acknowledged that he sign		
	or the use and purposes there		
12 m D.		13271	000
JANULON HUSEL		/.02	· · · · · · · · · · · · · · · · · · ·
My Commission Expires:	11044, 2009	// Seal)	
Notary Public	J *	RANE	
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