

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT7665432

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Amit Arora	10/14/2022
Kartik Seshadri	09/23/2022
Sairaj Amberkar	09/23/2022
Sonia Thakur	09/22/2022
Namrata Walanj	10/20/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HUGHES NETWORK SYSTEMS, LLC
<b>Street Address:</b>	11717 EXPLORATION LANE
<b>City:</b>	GERMANTOWN
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20876
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17900676
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	+1 (202) 626-6367
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	NICHOLAS JEPSEN
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	41194-0041001
<b>NAME OF SUBMITTER:</b>	SHARON M. ALLEN
<b>SIGNATURE:</b>	/Sharon M. Allen/
<b>DATE SIGNED:</b>	11/29/2022
<b>Total Attachments: 14</b>	

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, AMIT ARORA, KARTIK SESHADRI, SAIRAJ AMBERKAR, SONIA THAKUR, and NAMRATA WALANJ, each individually assign to HUGHES NETWORK SYSTEMS, LLC, a corporation formed under the laws of Delaware and having a principal place of business at 11717 Exploration Lane, Germantown, MD 20876, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "MACHINE LEARNING TO ENHANCE SATELLITE TERMINAL PERFORMANCE," and was filed in the United States Patent and Trademark Office on August 31, 2022, as application 17/900,676 (the "Application").


This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Hague Agreement, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

  
\_\_\_\_\_  
Amit Arora

Date: 10/14/2022

ASSIGNMENT

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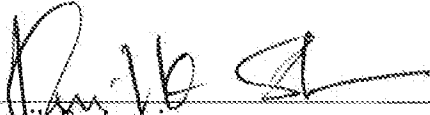
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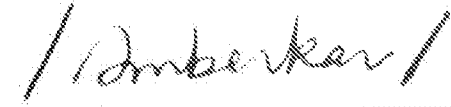
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.....  
Amit Arora

Date: .....

  
Karik Seshadri

Date: 09/23/2022



Sairaj Amberkar

Date: 09/23/2022



*Sonia Thakur*

Date: 09/22/2022

Sonia Thakur

..... Date: .....

Namrata Walanj

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HUGHES NETWORK SYSTEMS, LLC

Signature: ..... Date: .....

Name: .....

Title: .....

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## ASSIGNMENT

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\_\_\_\_\_  
Amit Arora

Date: \_\_\_\_\_

\_\_\_\_\_  
Kartik Seshadri

Date: \_\_\_\_\_

\_\_\_\_\_  
Sairaj Amberkar

Date: \_\_\_\_\_

\_\_\_\_\_  
Sonia Thakur

Date: \_\_\_\_\_

/Namrata Walanj/  
Namrata Walanj

Date: 10/20/2022

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HUGHES NETWORK SYSTEMS, LLC

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

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