

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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Assignment ID: PATI130053

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	Assignment and Assumption of First Lien Patent Security Agreement	
CONVEYING PARTY DATA		
Name		Execution Date
Credit Suisse AG, Cayman Islands Branch, as Existing Collateral Agent		03/28/2024
RECEIVING PARTY DATA		
Company Name:	Jefferies Finance LLC, as Successor Collateral Agent	
Street Address:	520 Madison Avenue	
City:	New York	
State/Country:	NEW YORK	
Postal Code:	10022	
PROPERTY NUMBERS Total: 37		
Property Type	Number	
Patent Number:	D844467	
Patent Number:	9998205	
Patent Number:	9847021	
Patent Number:	8969745	
Patent Number:	8966972	
Patent Number:	8960563	
Patent Number:	8849723	
Patent Number:	8836600	
Patent Number:	8704650	
Patent Number:	8494443	
Patent Number:	8390464	
Patent Number:	8227713	
Patent Number:	7973707	
Patent Number:	7911330	
Patent Number:	7809370	
Patent Number:	6863222	
Patent Number:	6795783	
Patent Number:	6735150	
Patent Number:	6651001	
Patent Number:	10615499	

PATENT

Property Type	Number
Patent Number:	10522033
Patent Number:	8374824
Patent Number:	8284066
Patent Number:	7702327
Patent Number:	8855626
Patent Number:	7812733
Patent Number:	9846086
Patent Number:	11030567
Patent Number:	7518511
Application Number:	15848581
Application Number:	63139749
Application Number:	63130846
Application Number:	63084660
Application Number:	29736565
Application Number:	17177525
Application Number:	17025878
Application Number:	16453973

CORRESPONDENCE DATA

Fax Number: 2138918763

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ATTORNEY DOCKET NUMBER:	030786-1067
NAME OF SUBMITTER:	Rhonda DeLeon
SIGNATURE:	Rhonda DeLeon
DATE SIGNED:	03/28/2024

Total Attachments: 11

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ASSIGNMENT AND ASSUMPTION OF
FIRST LIEN PATENT SECURITY AGREEMENT

This Assignment and Assumption of First Lien Patent Security Agreement, dated as of March 28, 2024 (this “Assignment”), is by and between CREDIT SUISSE AG, CAYMAN ISLANDS BRANCH, in its capacity as the resigning collateral agent for the Secured Parties (in such capacity, the “Existing Collateral Agent”) and JEFFERIES FINANCE LLC, in its capacity as the successor collateral agent under the Credit Agreement (as defined below) (in such capacity, the “Successor Collateral Agent”). Capitalized terms used but not defined herein have the meanings assigned to them in the Credit Agreement, the Security Agreement or the Patent Security Agreement (each as defined below), as applicable.

R E C I T A L S:

WHEREAS, ORBCOMM Inc., a Delaware corporation (the “Borrower”), GI DI Orion Acquisition Inc., Credit Suisse AG, Cayman Islands Branch, as the Administrative Agent and the Existing Collateral Agent, and the lenders from time to time party thereto (the “Lenders”), are parties to that certain First Lien Credit Agreement, dated as of September 1, 2021 (as amended by that certain First Amendment, dated as of April 25, 2023, and as may be further amended, restated, amended and restated, supplemented, refinanced, replaced or otherwise modified from time to time, the “Credit Agreement”);

WHEREAS, inter alios, the Existing Collateral Agent, the Borrower, INSYNC SOFTWARE, INC., a Delaware corporation (“Insync”), INTHINC LLC, a Delaware limited liability company (“Inthinc”), ORBCOMM LLC, a Delaware limited liability company (“Orbcomm LLC”), STARTRAK INFORMATION TECHNOLOGIES, LLC, a Delaware limited liability company (“StarTrak Information”), and WAM SOLUTIONS LLC, a Delaware limited liability company (“WAM” and, together with the Borrower, Insync, Inthinc, Orbcomm LLC, ORBCOMM CANADA INC. (as successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.) (“Orbcomm Canada”), and StarTrak Information, the “Grantors” and each, a “Grantor”), are parties to that certain First Lien Pledge and Security Agreement, dated as of September 1, 2021 (as it may be amended, restated, amended and restated, supplemented, refinanced, replaced or otherwise modified from time to time, the “Security Agreement”);

WHEREAS, pursuant to the Security Agreement and the other Loan Documents, as applicable, the Grantors executed and delivered to the Existing Collateral Agent that certain First Lien Patent Security Agreement identified in Exhibit A attached hereto (as the same may have been amended, restated, amended and restated, supplemented, refinanced, replaced or otherwise modified from time to time, the “Patent Security Agreement”) pursuant to which each Grantor pledged and granted to the Existing Collateral Agent for itself and the ratable benefit of the Secured Parties a continuing lien on and security interest in and to all of such Grantor’s right, title and interest in, to and under the Patent Collateral (as defined in the Patent Security Agreement), including, but not limited to, the Patents identified in Exhibit B hereto (the “Subject IP”); and

WHEREAS, pursuant to that certain Resignation, Consent and Appointment Agreement, dated as of the date hereof, by and among Credit Suisse AG, Cayman Islands Branch, as the

existing Administrative Agent and the Existing Collateral Agent, Jefferies Finance LLC, as the successor Administrative Agent and the Successor Collateral Agent, the Borrower, and each other Loan Party, among other things, the Existing Collateral Agent assigned to the Successor Collateral Agent each of the Liens (as defined in the Credit Agreement) and security interests granted to the Existing Collateral Agent, for its benefit and for the benefit of the Lenders and the Secured Parties, under the Credit Agreement and the other Loan Documents, and the Successor Collateral Agent assumed all such Liens and security interests, for its benefit and for the benefit of the Secured Parties.

NOW, THEREFORE, in consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Existing Collateral Agent hereby assigns and transfers to the Successor Collateral Agent and its successors and assigns, all of its rights, powers, privileges and duties under the Patent Security Agreement, including, but not limited to, the security interests granted in the Subject IP under the Patent Security Agreement recorded with the U.S. Patent and Trademark Office and the Canadian Intellectual Property Office, as noted on Exhibit A hereto, and the Successor Collateral Agent hereby assumes, all of the Existing Collateral Agent's rights and obligations with respect to the Patent Security Agreement, including, but not limited to, the security interests granted in the Subject IP under the Patent Security Agreement recorded with the U.S. Patent and Trademark Office and the Canadian Intellectual Property Office, as noted on Exhibit A hereto.

This Assignment may be executed in any number of counterparts, each of which when so executed shall be deemed an original and all of which taken together shall constitute one and the same instrument.

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IN WITNESS WHEREOF, the Existing Collateral Agent and the Successor Collateral Agent have caused this Assignment to be duly executed as of the date first above written.

EXISTING COLLATERAL AGENT:

CREDIT SUISSE AG, CAYMAN
ISLANDS BRANCH

By: 

Name: Doreen Barr

Title: Authorized Signatory

By: 

Name: Michael Wagner

Title: Authorized Signatory

SUCCESSOR COLLATERAL AGENT:

JEFFERIES FINANCE LLC

By: Peter Cucchiara

Name: Peter Cucchiara

Title: Managing Director

EXHIBIT A

Patent Security Agreement

1. That certain First Lien Patent Security Agreement, dated as of September 1, 2021, entered into by the Borrower, Insync, Inthinc, Orbcomm LLC, Orbcomm Canada, StarTrak Information, WAM and the Existing Collateral Agent, recorded September 1, 2021 at Reel/Frame Nos. 57394/0189, 57394/0206, 57394/0226, 57394/0050, 57394/0090, 57394/0312, and 57394/0325.

EXHIBIT B

Subject IP

UNITED STATES AND CANADIAN ISSUED PATENTS AND PATENT APPLICATIONS

Country	Patent	Owner	Patent Number	Grant Date
US	Design patent for tracker enclosure outer shell.	ORBCOMM INC.	USD844467S	4/2/2019
US	A wireless communication system which includes a satellite gateway terminal which communicates with the remote terminals via satellite connections when cellular service is unavailable. The satellite gateway emulates a cellular network so that the application server sees the satellite gateway as another cellular network.	ORBCOMM CANADA INC. (successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.)	US9998205B2	6/12/2018
US	System and method for identifying speeding violations, comprising determining a current speed and a current location of a vehicle, determining a posted speed limit for the current location from a speed-by-street database, comparing the current speed of the vehicle to the posted speed limit, and evaluating whether the current speed exceeds the posted speed limit.	INTHINC LLC	US9847021B2	12/19/2017
US	A system including sensors mounted on a railcar to sense the effect of weight of the railcar and to transmit the data, for example via a communication link, to a user for storage and feedback where needed. In one embodiment the sensors are mounted on one or more rail trucks that carry the car body.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8969745B2	3/3/2015
US	A flexible fuel sensor for measuring the fuel level in a tank in which the sensor is installed.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8966972B2	3/3/2015
US	A mobile refrigerator unit is operated remotely via wireless technology using a system with a local maintenance switch. A local override switch turns the refrigerator unit on and off, but keeps it on in the event of failure of the maintenance switch.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8960563B1	2/24/2015

Country	Patent	Owner	Patent Number	Grant Date
US	An information system which includes a database that sends identification and dispatch orders to a ship or rail transport that powers a shipping container during the ship or rail segment of the container's journey. The database also sends identification and dispatch orders to gensets that power shipping containers on a motor vehicle transport during a vehicular segment of the container's journey.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8849723B2	9/30/2014
US	A quadrifilar helix antenna system with a finite ground plane has a pair of bifilar helical elements extending upwardly from the finite ground plane.	ORBCOMM CANADA INC. (successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.)	US8836600B2	9/16/2014
US	A testing and measurement system to test whether a trailer is coupled to a tractor when the tractor ignition switch is off.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8704650B1	4/22/2014
US	A communication system that allows the use of low-cost, low-power remote terminal units that communicate substantially asynchronously and independently to a base station. To overcome potential losses caused by collisions, the remote terminal units are configured to repeat transmissions; to minimize repeated collisions, the repeat interval and/or duration is randomized.	ORBCOMM LLC	US8494443B2	7/23/2013
US	A tracking system that allows a remote asset, via an Intelligent Device and interconnected Central Data Server to autonomously, and continuously monitor and update its status on various parameters; and from these, to calculate an overall asset state that may be caused by various combinations of the parameters and to infer the operational states and logistical position of a transport refrigeration unit.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8390464B1	3/5/2013
US	A sensor system mounted on a railcar to sense the effect of weight of the railcar and to transmit the data, for example via a communication link, to a user for storage and feedback where needed. In one embodiment the sensors are mounted on one or more rail trucks that carry the car body.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8227713B1	7/24/2012

Country	Patent	Owner	Patent Number	Grant Date
US	A method for determining that a GPS receiver is located within a predetermined geofence volume. The concept of exclusion space is introduced and used in methods for determining the probability that a receiver is within a geofence volume.	ORBCOMM CANADA INC. (successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.)	US7973707B2	7/5/2011
US	A testing system to determine when a trailer is coupled to a tractor when the tractor ignition switch is off, a test switch in the trailer connects a high-impedance power source in a trailer to a line carrying energy from the tractor ignition switch to the trailer's electrical load, and measures the voltage at the line. A high voltage indicates a connection only to the electrical load in the trailer and thus a decouple. A low voltage indicates a measurement of the electrical loads in both trailer and tractor and hence a coupling.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US7911330B1	3/22/2011
US	An automatic identification system (AIS) communications payload for a space vehicle traveling in earth orbit includes an antenna; a receiver connected to the antenna to receive an AIS signal including a reported vessel position transmitted from a vessel; a processor to process the received AIS messages and determine the accuracy of the reported vessel position; and a transmitter to transmit the processed AIS messages and the determined accuracy to a ground earth element.	ORBCOMM INC.	US7809370B2	10/5/2010
US	A system and method including a mobile refrigerator unit which is turned on and off remotely via wireless technology using a system with a secondary control switch, or a 'remote switch', which is part of a reefer trip remote control unit, and is operated via a wireless or combination communication link.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US6863222B2	3/8/2005
US	Remote resistance measurement technique using a programmable current source to enable accurate measurement of resistance, such as physical parameter sensing resistors such as for the remote monitoring of vehicular construction equipment or the like, particularly where full physical access to the sense resistor is not possible, as, for example, in vehicular fuel gauge applications and the like.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US6795783B2	9/21/2004

Country	Patent	Owner	Patent Number	Grant Date
US	A novel technique for distinguishing fuel-operated engine idling and working periods by monitoring the different values of the engine alternating-current alternator frequencies for distinguishing engine idling and working, and, where desired, total engine operating run time.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US6735150B2	5/11/2004
US	An integrated monitoring system for integrating and displaying the location of widely dispersed construction vehicle equipments at their respective sites together with the present location and recent track of respective maintenance vehicles for servicing the equipments, through the use of satellite positioning, wireless data communication and Internet facilities for determining such locations.	STARTRAK INFORMATION TECHNOLOGIES, LLC	US6651001B2	11/18/2003
US	A dual role antenna assembly operable for use with GEO and LEO/MEO satellites has at least two curled inverted-F substantially omnidirectional antennas mounted on a ground plane. The antennas have asymmetrical gain patterns favoring certain sectors and are oriented such that the favored sectors of the different antenna face different directions. A controller selects the antenna for connection to an RF front-end in accordance with predetermined performance criteria.	ORBCOMM CANADA INC. (successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.)	US10615499B2	4/7/2020
US	System and method for identifying speeding violations, comprising determining a current speed and a current location of a vehicle, determining a posted speed limit for the current location from a speed-by-street database, comparing the current speed of the vehicle to the posted speed limit, and evaluating whether the current speed exceeds the posted speed limit.	INTHINC LLC	US10522033B2	12/31/2019
US	A system and method for monitoring data associated with a temperature controlled container with a Reefer Unit. The monitored data retrieved from the Reefer Unit is wirelessly transmitted to an evaluation unit via at least one transponder. The transponder is connected via a wireless interface of an antenna with a reader/transmitter.	WAM SOLUTIONS, LLC	US8374824B2	2/12/2013

Country	Patent	Owner	Patent Number	Grant Date
US	An automated and/or remote method for identifying and/or changing the source of power for these generator sets, which may apply to any environment where there are alternative sources of power available which must be managed remotely (such as for other powered containers not used for refrigeration transport).	STARTRAK INFORMATION TECHNOLOGIES, LLC	US8284066B2	10/9/2012
US	Wireless control for creation of, and command response to, standard freight shipment messages	STARTRAK INFORMATION TECHNOLOGIES, LLC	7702327	04/20/2010
US	Wireless control for creation of, and command response to, standard freight shipment messages	STARTRAK INFORMATION TECHNOLOGIES, LLC	8855626	10/07/2014
US	Container power sensing system and method	STARTRAK INFORMATION TECHNOLOGIES, LLC	7812733	03/17/2008
US	System and Method for Time-Temperature Monitoring of Transportable Goods	STARTRAK INFORMATION TECHNOLOGIES, LLC	9846086	12/19/2017
US	Identification and association of refrigerated containers with dispatch orders	STARTRAK INFORMATION TECHNOLOGIES, LLC	11030567	06/08/2021
US	Dynamic Product Tracking System Using RFID	INSYNC SOFTWARE, INC.	7518511	04/14/2009
CA	A spaced-based system to simultaneously track and monitor one or more ocean going vessels at any point on the earth which includes a plurality of satellites. Each satellite includes an AIS communications payload to receive AIS signals which have AIS information transmitted from the one or more vessels and to transmit the received AIS information.	ORBCOMM INC.	CA2908089C	4/17/2018
CA	Enhanced GPS location in mobile asset tracking	STARTRAK INFORMATION TECHNOLOGIES, LLC	CA2793865C	03/13/2018

Country	Patent	Owner	Application Number	Application Date
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Country	Patent	Owner	Application Number	Application Date
US	System and methods for optimizing operation of an autonomous wireless mobile asset monitoring system. The approaches involve detecting the presence of cargo in a mobile asset. First, if energy conservation is a requirement of the system, each zone of the mobile asset is scanned until cargo is detected in one of the zones. Then, the results of the scan are transmitted to backend infrastructure.	ORBCOMM CANADA INC. (successor by amalgamation to SKYWAVE MOBILE COMMUNICATIONS INC.)	15/848,581	12/27/2018
US	System, method, and apparatus for providing asset IR illumination for a camera cargo sensor.	ORBCOMM INC.	63/139,749	1/20/2021
US	System and apparatus for identifying and tracking linked cargo trailers during transport.	ORBCOMM INC.	63/130,846	12/27/2020
US	System, method and apparatus for multi-zone container monitoring.	ORBCOMM INC.	63/084,660	9/29/2020
US	Design patent covering ORBCOMM 500/530 enclosure design.	ORBCOMM INC.	29/736,565	6/1/2020
US	System for determining the status of coupled assets during transport. Includes triggering a set of tracking devices to transmit time stamp data indicating when the tracked assets cross pre-set speed thresholds. The system then designates the unique pair of assets as coupled and may apply custom tracking rules and power saving algorithms to the coupled assets.	ORBCOMM INC.	17/177,525	2/17/2021
US	System, method and apparatus for updating the determined speed limits for individual streets within a navigation database.	ORBCOMM INC.	17/025,878	9/18/2020
US	A multiple beam phased array antenna system for mobile satellite communications.	ORBCOMM INC.	16/453,973	6/26/2019