

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5435798

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
BURRANA IP AND ASSETS, LLC	01/18/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	STRIKER LENDING, LLC
<b>Street Address:</b>	1999 AVENUE OF THE STARS, SUITE 2040
<b>City:</b>	LOS ANGELES
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90067

**PROPERTY NUMBERS Total: 16**

Property Type	Number
Application Number:	16107575
Patent Number:	10059453
Patent Number:	8613385
Patent Number:	9117265
Patent Number:	8406453
Patent Number:	8403411
Patent Number:	D503707
Patent Number:	D506733
Patent Number:	6272572
Patent Number:	6390920
Patent Number:	8499324
Patent Number:	6373216
Patent Number:	7600248
Patent Number:	7213055
Patent Number:	7216296
Patent Number:	7343157

**CORRESPONDENCE DATA**

Fax Number: (202)857-6395

*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.*

**PATENT**

**Phone:** 202-857-6000  
**Email:** patentdocket@arentfox.com  
**Correspondent Name:** ARENT FOX LLP  
**Address Line 1:** 1717 K STREET, NW  
**Address Line 4:** WASHINGTON, D.C. 20006-5344

**ATTORNEY DOCKET NUMBER:** 038276.00022

**NAME OF SUBMITTER:** WILBURN L. CHESSER

**SIGNATURE:** /Wilburn L. Chesser/

**DATE SIGNED:** 03/22/2019

**Total Attachments: 8**

source=Burrana IP\_Striker Patent Security Agreement#page1.tif  
source=Burrana IP\_Striker Patent Security Agreement#page2.tif  
source=Burrana IP\_Striker Patent Security Agreement#page3.tif  
source=Burrana IP\_Striker Patent Security Agreement#page4.tif  
source=Burrana IP\_Striker Patent Security Agreement#page5.tif  
source=Burrana IP\_Striker Patent Security Agreement#page6.tif  
source=Burrana IP\_Striker Patent Security Agreement#page7.tif  
source=Burrana IP\_Striker Patent Security Agreement#page8.tif

## PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of January 18, 2019 (as amended, restated, supplemented or otherwise modified from time to time, this "Agreement"), is made by Burrana IP and Assets, LLC, a Delaware limited liability company (the "Grantor"), in favor of Striker Lending, LLC (the "Secured Party").

**WHEREAS**, the Grantor and the Secured Party are parties, *inter alia*, to a Loan and Security Agreement dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), pursuant to which the Grantor granted a security interest to the Secured Party in the Patent Collateral (as defined below) and is required to execute and deliver this Agreement.

**NOW, THEREFORE**, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor hereby agrees with the Secured Party as follows:

### **SECTION 1. Defined Terms**

Unless otherwise defined herein, terms defined in the Loan Agreement and used herein have the meaning given to them in the Loan Agreement.

### **SECTION 2. Grant of Security Interest in Patent Collateral**

Effective as of the consummation of the Acquisition, the Grantor hereby mortgages, pledges, hypothecates and grants to the Secured Party a security interest in and continuing lien on all of the Grantor's right, title and interest in, to and under the following, in each case whether now owned or existing or hereafter acquired, developed, created or arising and wherever located (collectively, the "Patent Collateral"):

all United States and foreign patents and certificates of invention, or similar industrial property rights, and applications for any of the foregoing, including, without limitation: (i) each patent and patent application required to be listed in Schedule A attached hereto, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals, and reexaminations thereof, (iii) all patentable inventions and improvements thereto, (iv) the right to sue or otherwise recover for any past, present and future infringement or other violation thereof, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages, and proceeds of suit now or hereafter due and/or payable with respect thereto, and (vi) all other rights of any kind accruing thereunder or pertaining thereto throughout the world.

### **SECTION 3. Security Agreement**

The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Secured Party pursuant to the Loan Agreement, and the Grantor hereby acknowledges and affirms that the rights and remedies of the Secured Party with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Loan Agreement, the terms and provisions of which are incorporated by reference

herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Loan Agreement, the provisions of the Loan Agreement shall control.

**SECTION 4. Governing Law**

THE VALIDITY OF THIS AGREEMENT, THE CONSTRUCTION, INTERPRETATION, AND ENFORCEMENT HEREOF, THE RIGHTS OF THE PARTIES HERETO WITH RESPECT TO ALL MATTERS ARISING HEREUNDER OR RELATED HERETO, AND ANY CLAIMS, CONTROVERSIES OR DISPUTES ARISING HEREUNDER OR RELATED HERETO SHALL BE DETERMINED UNDER, GOVERNED BY, CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK (OTHER THAN ANY MANDATORY PROVISIONS OF LAW RELATING TO THE LAW GOVERNING PERFECTION AND THE EFFECT OF PERFECTION OF THE SECURITY INTEREST).

**SECTION 5. Grantor Remains Liable**

The Grantor hereby agrees that, anything herein to the contrary notwithstanding, the Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with its Patents subject to a security interest hereunder.

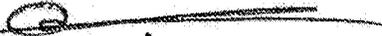
**SECTION 6. Counterparts**

This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**Burrana IP and Assets, LLC**

By:   
Name: *Douglas*  
Title: *Manager*

[Signature Page to Patent Security Agreement]

**PATENT**  
**REEL: 048670 FRAME: 0723**

Accepted and Agreed:

**Striker Lending, LLC**  
as Lender

By: 

Name: Vikas Tandon  
Title: Manager

[Signature Page to Patent Security Agreement]

SCHEDULE A  
to  
PATENT SECURITY AGREEMENT

**PATENTS AND PATENT APPLICATIONS**

Existing Company Patents/Patent Applications:

COUNTRY	APP. SERIAL NUMBER	FILING DATE	PATENT NO.	ISSUE DATE
US	16/107,575	08/21/2018	N/A	N/A
US	14/306,888	06/17/2014	10,059,453	08-28-2018
US	13/152,248	06/02/2011	8,613,385	12-24-2013
US	13/850,245	03/25/2013	9,117,265	08-25-2015
US	10/657,822	09/08/2003	8,406,453	03-26-2013
US	10/737,531	12/15/2003	8,403,411	03-26-2013
US	29/189,579	09/08/2003	D503,707	04-05-2005
US	29/189,578	09/08/2003	D506,733	06-28-2005

Purchased Patent/Patent Applications from Rockwell Collins, Inc.:

Patent/ Application No.	Filed/Priority Date	Title	Abstract
US 6272572	29-Jan-97	Apparatus and method for transmitting and receiving passenger service system and telephone signals over a network.	A system and method of distributing telephone and passenger service signals from a zone interface unit to a plurality of seat electronic units in an in-flight entertainment system is described. The method uses a master/slave arrangement in which multiplexed telephone and passenger service signals are transmitted over a bus to the receiving seat electronic units.

Patent/ Application No.	Filed/Priority Date	Title	Abstract
US 6390920	18-Jun-99	Vehicle entertainment system having seat controller cards programmed to operate as both browser and server	A vehicle entertainment system includes seat controller cards (SCCs), each being programmed with a browser and operating as a microserver for managing Hyper-Text Transfer Protocol (HTTP) document requests issued by the browser. When the browser requests HTTP documents that are stored in a local memory of the SCC, the microserver retrieves the HTTP document from the local memory and provides it to the browser without accessing a system file server for the vehicle entertainment system. As a result, the processing load of the system file server is decreased and the response rate to a HTTP document request is increased.
US 8499324	13-Sep-99	Mobile platform advertising system and method	The communication system can be configured to generate revenue by using advertising elements or storing web pages. The communication system can allow internet access or programs to be performed. The mobile platforms can be automobiles, aircraft, boats, ships, trains or other vehicles. Advertising elements can be stored on the mobile platform.
US 6373216	27-Apr-00	LCD motor reverse driving with storage capacitors	A retractor device for the LCD unit of an on-board entertainment unit is disclosed. The retractor device uses capacitors as storage device to provide electrical energy to drive the retractor motor in the reverse direction in the event of power outage. Under normal operating conditions, the deployment and retraction of the LCD is performed by the motor, with its polarity switched by a relay. At the same time, a storage capacitor is charged up. In the event of power outage while the LCD is in a deployed mode, the energy stored by the capacitor is discharged to drive the motor's retraction mechanism. Blocking diodes may be used on the discharge path to ensure that the discharge path goes toward the motor.

Patent/ Application No.	Filed/Priority Date	Title	Abstract
US 7600248	25-May-00	Channel identification for digital broadcasts in passenger entertainment systems	A passenger entertainment system having video-on-demand, audio-on-demand, near video-on-demand, and digital and audio broadcast capabilities delivers multiple programming signals to the passenger seats. The system allocates an RF channel and one of multiple streams in that RF channel to a particular program channel so that channel surfing may be available to the passengers even when multiple programming signals are delivered on a single RF channel.
US 7213055	15-Jan-02	Method and apparatus for distribution of entertainment and data to passenger using cable modems	Cable modem terminator comprising new head-end of passenger in-flight entertainment system forms an extended intranet through cable modems disposed at one or more passengers seats. Cable modems form secondary digital networks that deliver data and entertainment content to aircraft integral devices or personal electronic devices belonging to individual passengers.
US 7216296	25-Sep-02	Method and apparatus for controlled force deployment of user interface devices	User interface devices, such as displays and keyboards, are automatically deployed using pulse-width-modulated controlled force in a first safety period. Once safe, force and speed are increased to full deployment. At full deployment, electrical braking dissipates mechanical energy and power is throttled down to hold device against deployment stop.

Patent/ Application No.	Filed/Priority Date	Title	Abstract
US 7343157	13-Jun-05	Cell phone audio/video in-flight entertainment system	<p>An airborne cell phone in-flight entertainment (IFE) system uses a cell phone for calls and IFE requests by dialing appropriate numbers. A pico cell receives the calls and the IFE requests. A soft switch switches the calls and IFE requests according to the telephone number. A transceiver receives the calls from the soft switch and sends them to a ground station that directs them to a telephone system. A media server receives IFE requests and provides IFE to the cell phone. A direct broadcast satellite (DBS) receiver on the aircraft receives DBS signals. A transcoder converts the received DBS signals from one compressed video format to another. A broad-to-connection protocol conversion process receives converted format DBS signals and converts them to video content blocks, stores the video content blocks to a continuously updated buffer and presents them to the media server and then to the cell phone.</p>