

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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ETAS ID: TM702170

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Anuvu Operations LLC		01/11/2022	Limited Liability Company:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Anuvu IP Holdings LLC		
<b>Street Address:</b>	1821 E. Dyer Rd., Suite 125		
<b>City:</b>	Santa Ana		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	92705		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 35</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3136192	NAVAERO	
<b>Registration Number:</b>	3093580	T PAD	
<b>Registration Number:</b>	4325665	MASFLIGHT	
<b>Registration Number:</b>	1931848	OCEAN CREDIT	
<b>Registration Number:</b>	2021275	OCEANPHONE	
<b>Registration Number:</b>	2426323	MARITIME TELECOMMUNICATIONS NETWORK	
<b>Registration Number:</b>	2998213	MTN	
<b>Registration Number:</b>	3005864	MTN	
<b>Registration Number:</b>	4248976	HD CONNECT	
<b>Registration Number:</b>	4473349	SPEEDNET	
<b>Registration Number:</b>	5350927	AIRCONNECT GLOBAL	
<b>Registration Number:</b>	5346645	AIRCONNECT GLOBAL	
<b>Registration Number:</b>	5065001	AIRVIEW	
<b>Registration Number:</b>	5065117	AIRPRO	
<b>Registration Number:</b>	5234649	GEE MARITIME	
<b>Registration Number:</b>	5984777	GLOBAL EAGLE	
<b>Registration Number:</b>	5751837	GLOBAL EAGLE	
<b>Registration Number:</b>	5751838	GLOBAL EAGLE	
<b>Registration Number:</b>	5758187	GLOBAL EAGLE	

OP \$890.00 3136192

Property Type	Number	Word Mark
Registration Number:	5758188	GLOBAL EAGLE
Registration Number:	5751839	GLOBAL EAGLE
Registration Number:	5984778	GLOBAL EAGLE
Registration Number:	5751840	GLOBAL EAGLE
Registration Number:	5751841	GLOBAL EAGLE
Registration Number:	5758189	GLOBAL EAGLE
Registration Number:	5758190	GLOBAL EAGLE
Registration Number:	5751842	GLOBAL EAGLE
Registration Number:	5795125	ENRICH TIME
Registration Number:	5795126	ENRICH TIME
Registration Number:	5795127	ENRICH TIME
Registration Number:	5746458	ENRICH TIME
Registration Number:	5503114	AIRTIME
Registration Number:	3719086	LUMEXIS
Registration Number:	3699931	LUMEXIS
Registration Number:	4978727	THE FUTURE OF IFE

#### CORRESPONDENCE DATA

Fax Number: 8052301355

*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: 8052301350

Email: nabeloe@socalip.com

Correspondent Name: SoCal IP Law Group LLP

Address Line 1: 310 N. Westlake Blvd.

Address Line 2: Suite 120

Address Line 4: Westlake Village, CALIFORNIA 91362

ATTORNEY DOCKET NUMBER:	G245.G17L81
NAME OF SUBMITTER:	Nicole M. Abeloe
SIGNATURE:	/Nicole M. Abeloe/
DATE SIGNED:	01/14/2022

#### Total Attachments: 18

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## ASSIGNMENT

This Assignment of Intellectual Property (this “Assignment”), by and between Anuvu Operations LLC, a Delaware limited liability company (formerly known as Global Eagle OpCo LLC) (the “Assignor”) and Anuvu IP Holdings LLC, a Delaware limited liability company (the “Assignee”).

WHEREAS, on October 15, 2020 Global Eagle Entertainment Inc. (“Global Eagle”) submitted a proposed Asset Purchase Agreement to the U.S. Bankruptcy Court for the District of Delaware in In re Global Eagle Entertainment Inc., Case No. 20-11835 (JTD), and the Bankruptcy Court issued an Order (A) Approving the Asset Purchase Agreement, (B) Authorizing the Sale of Assets, (C) Authorizing the Assumption and Assignment of Contracts and Leases, and (D) Granting Related Relief;

WHEREAS, on October 17, 2020, the Asset Purchase Agreement was executed;

WHEREAS, on March 23, 2021, the Bankruptcy Court issued a Notice of Closing of Transactions and Filing of Schedule of Assumed Assets that identified March 23, 2021 as the closing date of the Asset Purchase Agreement;

WHEREAS, on March 23, 2021, the Bankruptcy Court’s Notice of Closing of Transactions terminated any and all prior liens or security agreements pertaining to assets previously belonging to Global Eagle;

WHEREAS, on March 23, 2021, Global Eagle, GEE Acquisition Holdings Corp., a Delaware corporation and the parent company of Assignor and Assignee, and Assignor, were parties to an Assignment, Purchase, and Distribution Agreement by which the parties agreed that Assignor would acquire the intellectual property of the Purchased Assets as a Buyer Designee of GEE Acquisition Holdings Corp.;

WHEREAS, on March 23, 2021, Global Eagle and Assignor were parties to an Assignment and Bill of Sale by which all intellectual property (as part of the Purchased Assets under the Asset Purchase Agreement) were transferred to Assignor; and

WHEREAS, on July 2, 2021, Assignor changed its name to Anuvu Operations LLC;

WHEREAS, Assignor wishes for Assignee to hold all intellectual property rights previously held by Global Eagle; and

WHEREAS, Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of all of Assignor’s right, title and interest in and to the patents, patent applications, trademark applications and trademark registrations as set forth on Schedules A and B hereto (the “Assigned Intellectual Property”) in accordance with the terms of the Asset Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor agrees as follows:

1. The Assignor does hereby sell, transfer, convey, assign, grant, set over and deliver to Assignee, all of Assignor's right, title, and interest in and to all patents listed in Schedule A to this Assignment (the "Assigned Patents"), and in and to any and all reissues, reexaminations or extensions of the Assigned Intellectual Property, and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part, and all rights under the International Convention for the Protection of Industrial Property, and all rights of priority resulting from the Assigned Intellectual Property and/or rights to claim priority from the Assigned Patents, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns, designees, nominees and other legal representatives as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made, together with (i) all causes of action (in law or equity) claims, demands and any other rights for, or arising from, any past or future infringement, of the Assigned Patents, and (ii) the right to sue for and collect any past and future damages for the use and benefit of Assignee and Assignee's successors, assigns, designees, nominees and other legal representatives.

2. The Assignor hereby hereby sells, assigns and transfers to Assignee all of Assignor's right, title and interest in and to the trademarks listed in Schedule B to this Assignment (the "Assigned Trademarks") throughout the universe in any typeface, stylization, colors, and/or capitalization, and any US state, federal or foreign applications and registrations of the foregoing, including any associated registrations or pending applications, including the goodwill associated therewith and all portions of Assignor's business to which the Assigned Trademarks relate.

3. As may be requested by Assignee or its designee or other legal representative from time to time after the date hereof, Assignor agrees to assist Assignee, or Assignee's successors, assigns, designees, nominees or other legal representatives, in a commercially reasonable manner, without further consideration, to (i) evidence, record, and perfect the assignment of the Assigned Intellectual Property and (ii) secure Assignee's rights in the Assigned Intellectual Property including, but not limited to, the execution, delivery and filing of all applications, specifications, oaths, assignments, powers-of-attorney, and similar instruments that Assignee deems necessary to assign and convey to Assignee, or Assignee's successors, assignees, designees, nominees or other legal representative, all right, title and interest in and to the Assigned Intellectual Property.

4. Assignor hereby authorizes and requests that the Commissioner of the United States Patent and Trademark Office and all other applicable bureaus or offices whose duty it is to issue, certify, record and/or assign registrations or applications for service marks, trademarks, patents, copyrights, Internet domain names or other forms of intellectual property protection, to issue, certify record and/or assign as appropriate, the Assigned Intellectual Property to Assignee and Assignee's successors, assigns, designees, nominees and other legal representatives in accordance with the terms of this Assignment.

**Signatures**

**ANUVU OPERATIONS LLC**

DocuSigned by:  
*Christian Mezger*

Christian Mezger  
Chief Financial Officer

1/11/2022

Date

**ANUVU IP HOLDINGS LLC**

DocuSigned by:  
*Christian Mezger*

Christian Mezger  
Chief Financial Officer

1/11/2022

Date

**SCHEDULE A**

**Patent Applications and Issued Patents**

<b>Application Title</b>	<b>Country</b>	<b>Appl. Serial No.</b>	<b>Filing Date</b>	<b>Patent No.</b>	<b>Issue Date</b>
ANTENNA SYSTEM	US	10/900,020	7/26/04	7,068,235	6/27/06
RF SHEILDING FOR AIRCRAFT WINDOWS	US	11/187,062	7/21/05	7,350,753	4/1/08
ANTENNA SYSTEM	US	11/426,901	6/27/06	7,388,551	6/17/08
METHOD AND APPARATUS FOR CONNECTING A NETWORK OF ELECTRONIC SIGNS	US	11/673,502	2/9/07	7,783,575	8/24/10
METHOD AND APPARATUS FOR CONNECTING A NETWORK OF ELECTRONIC SIGNS	US	12/845,572	6/28/10	8,209,261	6/26/12
METHOD AND APPARATUS FOR DEFINING, DISTRIBUTING AND REDEEMING SMS AND MMS COUPONS	US	11/681,101	3/1/07	8,086,488	12/27/11
METHOD AND APPARATUS FOR CONNECTING A NETWORK FOR ELECTRONIC SIGNS	US	13/532,552	6/25/12	9,489,678	11/8/16
METHOD AND APPARATUS FOR DEFINING, DISTRIBUTING AND REDEEMING SMS AND MMS COUPONS	US	13/333,698	12/21/11	8,818,842	8/26/14
SYSTEM FOR SYNCHRONIZING TELEPHONES AND ELECTRONIC DISPLAYS	US	12/106,880	4/21/09	8,537,982	9/17/13
SYSTEM AND METHOD FOR INTEGRATED TRIP PLANNING BASED ON FIXED AND FLEXIBLE ITINERARY COMPONENTS	US	13/436,734	3/30/12	9,255,809	2/9/16
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	EP	10806973.3	7/30/10	2462513	6/8/18

SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	US	12/847,924	7/30/10	8,659,990	2/25/14
NOISE REDUCTION SYSTEM AND METHOD THEREOF	US	11/482,197	7/7/06	7,729,657	6/1/10
NOISE REDUCTION SYSTEM AND METHOD THEREOF	US	12/124,379	5/21/08	8,238,817	8/7/12
NOISE REDUCTION SYSTEM AND METHOD THEREOF	US	12/185,030	8/1/08	7,522,877	4/21/09
SYSTEM AND METHOD FOR REDUCING VSAT APERTURES VIA SATELLITE MIMO	US	12/567,246	9/25/09	8,346,162	1/1/13
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	US	12/549,066	8/27/09	8,285,203	10/9/12
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	US	12/771,628	4/30/10	8,340,574	12/25/12
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	US	12/822,759	6/24/10	7,907,894	3/15/11
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	EP	201001655 65	6/10/10	EP228517 3	12/14/16



SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	FR	201001655 65	6/10/10	EP228517 3	12/14/16
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	DE	201001655 65	6/10/10	EP228517 3	12/14/16
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	ES	201001655 65	6/10/10	EP228517 3	12/14/16
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	NO	201001655 65	6/10/10	EP228517 3	12/14/16
SYSTEM AND METHOD FOR ENABLING ULTRA SMALL APERTURE COMMUNICATION ANTENNA USING SPECTRAL REPLICATION AND COHERENT FREQUENCY AND PHASE COMBINING	GB	201001655 65	6/10/10	EP228517 3	12/14/16
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	US	12/946,492	11/15/1 0	8,335,468	12/18/12

SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	EP	201101889 11	11/11/1 1	2453591	5/23/18
VIDEO MANAGEMENT SYSTEM OVER SATELLITE	US	13/424,012	3/19/12	8,384,758	2/26/13
AUTOMATIC UPLINK POWER CONTROL IN INTERFERENCE CANCELLATION BASED SPECTRAL REUSE	US	13/280,616	10/25/1 1	8,879,982	11/4/14
SYSTEM AND METHOD FOR ZERO LATENCY BROWSING	US	13/410,599	3/2/12	8,954,600	2/10/15
SYSTEM AND METHOD FOR ZERO LATENCY BROWSING	US	14/618,631	2/10/15	9,661,059	5/23/17
SYSTEM AND METHOD FOR ZERO LATENCY BROWSING	EP	120151138 .0	1/13/12		
POWER BOOSTER IN AN MEO SETTING	US	13/834,960	3/15/13	9,130,644	9/8/15
SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	EP	14159543. 9	3/13/14	EP277948 2	7/5/17
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	US	15/138,874	4/26/16	10,567,54 1	2/18/20
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	EP	17155705. 1	2/10/17	3206376	8/26/20
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	DE	60 2017 022 211.9	2/10/17	3206376	8/26/20
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	ES	17155705. 1	2/10/17	3206376	8/26/20
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	FR	17155705. 1	2/10/17	3206376	8/26/20

NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	GB	17155705.1	2/10/17	3206376	8/26/20
NETWORK COMMUNICATION SYSTEM AND METHOD WITH WEB PUSH PROTOCOL	NO	17155705.1	2/10/17	3206376	8/26/20
PHYSICAL LAYER HAND-OFF AND DIVERSITY COMBINING IN NON-GEOSTATIONARY SATELLITE CONSTELLATION	US	14/979,261	12/22/15	9,775,191	9/26/17
LOOPBACK SATELLITE TRANSPONDER PRE-DISTORTER	US	15/141,552	4/28/16	10,027,404	7/17/18
LOOPBACK SATELLITE TRANSPONDER PRE-DISTORTER	EP	16207582	12/30/16	3 190 720	2/20/19
MULTI-CHANNEL SPREAD SPECTRUM RETURN CHANNEL FOR ULTRA SMALL APERTURE	US	15/375,669	12/12/16	9,900,047	2/20/18
DYNAMICALLY RECONFIGURING SATELLITE POOLS OF BANDWIDTH BASED ON REAL-TIME AND PREDETERMINED FACTORS	US	13/957,335	8/1/13	9,185,603	11/10/15
CONFIGURING WAN BACKLINK BANDWIDTH FOR A MOBILE COMMUNICATION PLATFORM BASED ON REAL-TIME AND PREDETERMINED FACTORS	US	14/184,292	2/19/14	9,609,550	3/28/17
SYSTEM TO FORM AND MANAGE BONDED CHANNEL COMPRISING SATELLITE AND WIFI BANDWIDTH	US	14/184,451	2/19/14	9,615,293	4/4/17
WIFI COORDINATION OF SATELLITE CHANNELS BETWEEN MOVING VESSELS	US	13/960,771	8/6/13	9,178,606	11/3/15
WIFI COORDINATION OF SATELLITE CHANNELS BETWEEN MOVING VESSELS	US	14/185,876	2/20/14	9,287,966	3/15/16
ROAMING CONTENT CACHE UPDATE AND REPORTING SYSTEM	US	13/962,851	8/8/13	9,100,089	8/4/15

REAL TIME DATA METER	US	13/969,614	8/19/13	10,238,763	3/19/19
DUAL ANTENNA TRANSFER SWITCH SYSTEM, METHOD AND APPARATUS	US	13/245,691	9/26/11	8,730,103	5/20/14
DUAL ANTENNA TRANSFER SWITCH SYSTEM, METHOD AND APPARATUS	US	14/273,429	5/8/14	9,431,701	8/30/16
TRACKING PASSENGERS ON CRUISE SHIPS	US	12/617,207	11/12/09	8,514,069	8/20/13
TRACKING PASSENGERS ON CRUISE SHIPS	US	13/947,484	7/22/13	8,823,517	9/2/14
TRACKING PASSENGERS ON CRUISE SHIPS	US	14/449,747	8/1/14	9,159,212	10/13/15
LOCAL EVENT OVERLAYS TO GLOBAL SOCIAL MEDIA NETWORK	US	14/043,819	10/1/13	9,160,801	10/13/15
POST IT NOW CONTENT PROMOTION ABOARD A MOBILE COMMUNICATION PLATFORM	US	14/186,168	2/21/14	9,794,325	10/17/17
CROWD SOURCED CONTENT FOR LOCAL SOCIAL MEDIA CONTEXT ABOARD A MOBILE COMMUNICATIONS PLATFORM	US	14/186,388	2/21/14	9,578,103	2/21/17
LOCAL EVENT OVERLAYS TO GLOBAL SOCIAL MEDIA NETWORK	US	14/517,409	10/17/14	9,184,925	11/10/15
MULTI-ANTENNA/MULTILINK DIVERSITY MANAGEMENT FOR MOBILE COMMUNICATION PLATFORM	US	14/054,798	10/15/13	8,885,756	11/11/14
ONBOARD ACTIVITY INFLUENCED MULTI-ANTENNA PAIRING SYSTEM FOR MOBILE COMMUNICATION PLATFORM	US	14/185,889	2/20/14	8,891,660	11/18/14

MULTI-ANTENNA/MULTILINK DIVERSITY MANAGEMENT FOR MOBILE COMMUNICATION PLATFORM	US	14/510,320	10/9/14	8,995,558	3/31/15
ONBOARD ACTIVITY INFLUENCED MULTI-ANTENNA PAIRING SYSTEM FOR MOBILE COMMUNICATION PLATFORM	US	14/672,079	3/27/15	9,900,062	2/20/18
DIGITAL PHOTOGRAPH GROUP EDITING AND ACCESS	US	14/149,671	1/7/14	8,824,751	9/2/14
DIGITAL PHOTOGRAPH GROUP EDITING AND ACCESS	US	14/449,605	8/1/14	9,300,706	3/29/16
DATA ARCHIVE FROM ISOLATED LOCATIONS	US	14/152,990	1/10/14	9,112,578	8/18/15
ASSOCIATION OF DIVERSE APPLICATION LOGIC ACROSS MULTIPLE DISTINCT DEVICES WITH PRIORITY BANDWIDTH CHANNEL	US	14/327,456	7/9/14	9,209,985	12/8/15
SYSTEM TO ENABLE PRIORITY BANDWIDTH FOR PARTICULAR IP ADDRESSES DURING LIMITED DURATION EVENT	US	14/281,824	5/19/14	9,210,102	12/8/15
PREVENTING MOBILE COMMUNICATIONS IN A QUIET ZONE USING ARTIFICIALLY IMPOSED SIGNAL TIME DELAY	US	12/035,399	2/21/08	7,945,167	5/17/11
MARITIME SAFETY SYSTEMS FOR CREW AND PASSENGERS	US	14/300,187	6/9/14	9,106,810	8/11/15
EVENT LOGGING AND REPLAY SYSTEM AND PROCESS FOR MOBILE COMMUNICATION PLATFORM	US	14/335,350	7/18/14	9,078,105	7/7/15

DYNAMICALLY RECONFIGURED GEO-FENCE BOUNDARIES	US	14/309,891	6/20/14	9,042,911	5/26/15
DYNAMICALLY RECONFIGURED GEO-FENCE BOUNDARIES	US	14/720,960	5/25/15	9,462,420	10/4/16
OPTIONAL COMPRESSION OF SECURE NETWORK TRAFFIC	US	14/328,563	7/10/14	9,461,971	10/4/16
FIBER-TO-THE-SEAT IN FLIGHT ENTERTAINMENT	CN	200680034 350.3	9/19/06	CN10126 8640 B	5/20/15
FIBER-TO-THE-SEAT (FTTS) FIBER DISTRIBUTION SYSTEM	US	11/853,729	9/11/07	8,184,974	5/22/12
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	US	14/185,599	2/20/14	9,118,547	8/25/15
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	US	14/823,845	8/11/15	9,532,082	12/27/16
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	CN	201080034 871.5	7/30/10	10257635 6 B	4/27/16
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT SYSTEM	JP	2012- 0523673	7/30/10	5596145	8/15/14
INFLIGHT COMMUNICATION SYSTEM	EP	10822547. 5	10/5/10		
VIDEO DISPLAY UNIT DOCKING ASSEMBLY FOR FIBER-TO-THE-SCREEN INFLIGHT ENTERTAINMENT SYSTEM	US	12/856,487	8/13/10	8,424,045	4/16/13
SERIAL NETWORKING FIBER OPTIC INFLIGHT ENTERTAINMENT SYSTEM NETWORK CONFIGURATION	US	12/860,437	8/20/10	8,416,698	4/9/13
SERIAL NETWORKING FIBER OPTIC INFLIGHT ENTERTAINMENT SYSTEM NETWORK CONFIGURATION	US	13/685,525	11/26/1 2	9,036,487	5/19/15

INFLIGHT ENTERTAINMENT SYSTEM NETWORK CONFIGURATIONS	US	14/715,437	5/18/15	9,344,351	5/17/16
INFLIGHT ENTERTAINMENT SYSTEM POWER PROVISIONING	US	12/927,493	11/16/10	8,487,483	7/16/13
SEAT END PROGRAM CACHE UPDATES FOR INFLIGHT	US	13/629,851	9/28/12	8,689,264	4/1/14
INFLIGHT ENTERTAINMENT SYSTEM WITH SELECTIVELY PRELOADED SEAT END VIDEO CACHES	US	13/599,128	8/30/12	9,043,846	5/26/15
PERSONAL INTERACTIVE OVERHEAD PROJECTION INFLIGHT ENTERTAINMENT SYSTEM	US	13/735,526	1/7/13	9,158,185	10/13/15
SYSTEM AND METHOD FOR ZERO LATENCY BROWSING	US	15/581,648	4/28/17	10,158,692	12/18/18
MULTI-CHANNEL SPREAD SPECTRUM RETURN CHANNEL FOR ULTRA SMALL APERTURE TERMINALS (USATS)	EP	17165431.2	4/7/17	3232583	6/12/19
SWITCHING COMMUNICATION NETWORKS ABOARD A MOVING VESSEL BASED ON CONTROL OF PRIORITY	US	15/686,602	8/25/17	10,326,521	6/18/19
SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	FR	14159543.9	3/13/14	EP2779482	7/5/17
SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	DE	14159543.9	3/13/14	EP2779482	7/5/17
SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	ES	14159543.9	3/13/14	EP2779482	7/5/17

SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	NO	14159543.9	3/13/14	EP2779482	7/5/17
SEAMLESS HAND-OFF FROM A DESCENDING SATELLITE TO AN ASCENDING SATELLITE IN AN MEDIUM EQUATORIAL EARTH ORBIT (MEO) CONSTELLATION	GB	14159543.9	3/13/14	EP2779482	7/5/17
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	FR	20110188911	11/11/11	2453591	5/23/18
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	DE	20110188911	11/11/11	2453591	5/23/18
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	ES	20110188911	11/11/11	2453591	5/23/18
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	NO	20110188911	11/11/11	2453591	5/23/18
SHORT-PERIODICITY CARRIER ACQUISITION FOR SATCOM INTERFERENCE CANCELLATION	GB	20110188911	11/11/11	2453591	5/23/18
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	US	15/969,613	5/2/18	10,536,382	1/14/20
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	EP	18170803.3	5/4/18	3 399 707	8/26/20
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	DE	60 2018 007 193.8	5/4/18	3 399 707	8/26/20
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	ES	18170803.3	5/4/18	3 399 707	8/26/20



FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	FR	18170803.3	5/4/18	3 399 707	8/26/20
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	GB	18170803.3	5/4/18	3 399 707	8/26/20
FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	NO	18170803.3	5/4/18	3 399 707	8/26/20
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT	FR	10806973.3	7/30/10	2462513	6/8/18
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT	DE	60 2010 055 964.5	7/30/10	2462513	6/8/18
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT	ES	10806973.3	7/30/10	2462513	6/8/18
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT	NO	10806973.3	7/30/10	2462513	6/8/18
SERIAL NETWORKING FIBER-TO-THE-SEAT INFLIGHT ENTERTAINMENT	GB	10806973.3	7/30/10	2462513	6/8/18
MULTI-CHANNEL SPREAD SPECTRUM	FR	17165431.2	4/7/17	3232583	6/12/19
MULTI-CHANNEL SPREAD SPECTRUM	DE	60 2017 044 388.5	4/7/17	3232583	6/12/19
MULTI-CHANNEL SPREAD SPECTRUM	ES	17165431.2	4/7/17	3232583	6/12/19
MULTI-CHANNEL SPREAD SPECTRUM	NO	17165431.2	4/7/17	3232583	6/12/19
MULTI-CHANNEL SPREAD SPECTRU	GB	17165431.2	4/7/17	3232583	10/18/17
LOOPBACK SATELLITE TRANSPONDER	FR	16207582	12/30/16	3 190 720	2/20/19
LOOPBACK SATELLITE TRANSPONDER	DE	60 2016 010 107.6	12/30/16	3 190 720	2/20/19
LOOPBACK SATELLITE TRANSPONDER	NO	16207582	12/30/16	3 190 720	2/20/19
LOOPBACK SATELLITE TRANSPONDER	ES	16207582	12/30/16	3 190 720	2/20/19
LOOPBACK SATELLITE TRANSPONDER	GB	16207582	12/30/16	3 190 720	2/20/19

FLOW CONTROL FOR DUAL ENDED TCP PERFORMANCE ENHANCEMENT PROXIES	US	16/654,964	10/16/19	10,931,585	2/23/21
IMPROVED BANDWIDTH AND BUFFERING DELAY ESTIMATION IN SATELLITE LINKS USING REINFORCEMENT LEARNING AND SIMULATED ANNEALING	US	63/168,574	3/31/21		

**SCHEDULE B****Trademark Applications and Registrations**

<b>Mark</b>	<b>Country</b>	<b>Appl. No.</b>	<b>Filing Date</b>	<b>Reg. No.</b>	<b>Reg. Date.</b>
NAVAERO	US	76527448	6/23/03	3136192	8/29/06
T PAD	US	76533412	7/30/03	3093580	5/16/06
MASFLIGHT	US	85558485	3/2/12	4325665	4/23/13
ADVANCED INFLIGHT ALLIANCE	DE	30,742,617.3	6/27/07	30,742,617	12/17/07
OCEAN CREDIT	US	74/213,414	10/16/91	1,931,848	10/31/95
OCEANPHONE	US	74/595,290	11/4/94	2,021,275	12/3/96
MARITIME TELECOMMUNICATIONS NETWORK	US	75/741,097	7/1/99	2,426,323	2/6/01
MTN & Design	US	78/464,416	8/9/04	2,998,213	9/20/05
MTN & Design	US	78/464,450	8/9/04	3,005,864	10/11/05
MTN & Design	US	78/464,450	8/9/04	3,005,864	10/11/05
HD CONNECT	US	85/483,041	11/29/11	4,248,976	11/27/12
MTN & Design	US	78/464,450	8/9/04	3,005,864	10/11/05
SPEEDNET	US	85/611,357	4/29/12	4,473,349	1/28/14
AIRCONNECT GLOBAL	US	86/530,970	2/11/15	5,350,927	12/5/17
AIRCONNECT GLOBAL	US	86/530,971	2/11/15	5,346,645	11/28/17
AIRVIEW	US	86/530,997	2/11/15	5,065,001	10/18/16
AIRPRO	US	86/584,706	4/1/15	5,065,117	10/18/16
GEE MARITIME	US	86/598,810	4/15/15	5,234,649	7/4/17
GLOBAL EAGLE	US	87/370,557	3/14/17	5,984,777	2/11/20
GLOBAL EAGLE	US	87/370,576	3/14/17	5,751,837	5/14/19
GLOBAL EAGLE	US	87/370,590	3/14/17	5,751,838	5/14/19
GLOBAL EAGLE	US	87/370,600	3/14/17	5,758,187	5/21/19
GLOBAL EAGLE	US	87/370,620	3/14/17	5,758,188	5/21/19
GLOBAL EAGLE	US	87/370,626	3/14/17	5,751,839	5/14/19
GLOBAL EAGLE	US	87/370,666	3/14/17	5,984,778	2/11/20
GLOBAL EAGLE	US	87/370,677	3/14/17	5,751,840	5/14/19
GLOBAL EAGLE	US	87/370,695	3/14/17	5,751,841	5/14/19
GLOBAL EAGLE	US	87/370,714	3/14/17	5,758,189	5/21/19
GLOBAL EAGLE	US	87/370,752	3/14/17	5,758,190	5/21/19
GLOBAL EAGLE	US	87/370,765	3/14/17	5,751,842	5/14/19
GLOBAL EAGLE	WO	1365876	6/16/17	1,365,876	6/16/17
GLOBAL EAGLE (Stylized)	WO	1366315	6/16/17	1,366,315	6/16/17
GLOBAL EAGLE	AR	3,613,726	6/19/17	2966257	11/20/18
GLOBAL EAGLE	AR	3,613,727	6/19/17	2966747	11/20/18

GLOBAL EAGLE	AR	3,613,725	6/19/17	2966256	11/20/18
GLOBAL EAGLE (Stylized)	AR	3,613,724	6/19/17	2966255	11/20/18
GLOBAL EAGLE (Stylized)	AR	3,613,722	6/19/17	2966253	11/20/18
GLOBAL EAGLE (Stylized)	AR	3,613,723	6/19/17	2966254	11/20/18
GLOBAL EAGLE	ZA	2017/16989	6/20/17	2017/16989	6/20/17
GLOBAL EAGLE	ZA	2017/16990	6/20/17	2017/16990	6/20/17
GLOBAL EAGLE	ZA	2017/16991	6/20/17	2017/16991	6/20/17
GLOBAL EAGLE (Stylized)	ZA	2017/16992	6/20/17	2017/16992	6/20/17
GLOBAL EAGLE (Stylized)	ZA	2017/16993	6/20/17	2017/16993	6/20/17
GLOBAL EAGLE (Stylized)	ZA	2017/16994	6/20/17	2017/16994	6/20/17
GLOBAL EAGLE	HK	304,207,950	7/14/17	304,207,950	7/14/17
GLOBAL EAGLE (Stylized)	HK	304,207,969	7/14/17	304,207,969	7/17/17
GLOBAL EAGLE	BR	913046035	7/17/17	913046035	12/26/18
GLOBAL EAGLE	BR	913046094	7/17/17	913046094	12/26/18
GLOBAL EAGLE	BR	913046159	7/17/17	913046159	12/26/18
GLOBAL EAGLE (Stylized)	BR	913046310	7/17/17	913046310	12/26/18
GLOBAL EAGLE (Stylized)	BR	913046400	7/17/17	913046400	12/26/18
GLOBAL EAGLE (Stylized)	BR	913046450	7/17/17	913046450	12/26/18
GLOBAL EAGLE	KY	T0000105	8/14/17	T0000105	8/14/18
GLOBAL EAGLE (Stylized)	KY	T0000104	8/14/17	T0000104	8/14/17
GLOBAL EAGLE	CG	1092/RDC/2017	9/8/17	1092/2017	9/8/17
GLOBAL EAGLE	CG	TBD	9/8/17		
GLOBAL EAGLE (Stylized)	CG	1091/RDC/2017	9/8/17	1091/2017	9/8/17
GLOBAL EAGLE	CA	1,857,054	9/12/17	TMA1,067,788	1/3/20
GLOBAL EAGLE	SG	40201717757T	9/12/17	40201717757T	9/12/17
GLOBAL EAGLE (Stylized)	CA	1,857,055	9/12/17	TMA1,067,800	1/3/20
GLOBAL EAGLE (Stylized)	SG	40201717756S	9/12/17	40201717756S	9/12/17
GLOBAL EAGLE	AE	279,595	9/14/17	279595	4/16/18
GLOBAL EAGLE	AE	279,596	9/14/17	279596	4/16/18
GLOBAL EAGLE	AE	279,597	9/14/17	279597	4/16/18
GLOBAL EAGLE (Stylized)	AE	279,598	9/14/17	279598	4/16/18
GLOBAL EAGLE (Stylized)	AE	279,599	9/14/17	279599	4/16/18
GLOBAL EAGLE (Stylized)	AE	279,601	9/14/17	279601	4/16/18
ENRICH TIME	US	87/619,259	9/22/17	5,795,125	7/2/19
ENRICH TIME	US	87/619,266	9/22/17	5,795,126	7/2/19
ENRICH TIME	US	87/619,287	9/22/17	5,795,127	7/2/19
ENRICH TIME	US	87/619,298	9/22/17	5,746,458	5/7/19
ENRICH TIME	CA	1883169	2/14/18		
ENRICH TIME	WO	1387821	10/23/17	1387821	10/23/17
AIRTIME	US	87/705,278	12/1/17	5503114	6/26/18
LUMEXIS	US	77/246,981	8/3/07	3,719,086	12/1/09
LUMEXIS	CN	6,544,952	2/2/08	6,544,952	3/28/10
LUMEXIS	CN	6,544,951	2/2/08	6,544,951	7/28/10
LUMEXIS & Design	US	77/500,166	6/16/08	3,699,931	10/20/09

LUMEXIS & Design	JP	2008-58555	7/17/08	5,409,789	4/28/11
LUMEXIS & Design	CN	6,945,260	9/9/08	6,945,260	8/21/10
LUMEXIS & Design	CN	6,945,262	9/9/08	6,945,262	10/28/10
WIPAX	CN	10,934,754	5/18/12	10,934,754	8/28/13
WIPAX	EU	10,895,142	5/18/12	10,895,142	11/1/12
WIPAX	HK	302,254,662	5/18/12	302,254,662	5/18/12
WIPAX	JP	2012-039766	5/18/12	5,523,088	9/21/12
WIPAX	RU	2012/716,158	5/18/12	481,433	2/25/13
WIPAX & Design	HK	302,364,598	9/1/12	302,364,598	7/2/13
LUMEXIS	HK	302,433,357	11/13/12	302,433,357	7/10/13
LUMEXIS & Design	HK	302,433,366	11/13/12	302,433,366	7/10/13
THE FUTURE OF IFE	US	86/378,413	8/27/14	4,978,727	6/14/16
IPAX	HK	303,364,443	4/8/15	303,364,443	3/18/16
IPAX	CN	16,691,854	4/13/15	16,691,854	6/7/16
IPAX	CN	16,691,855	4/13/15	16,691,855	6/7/16
FIBER TO THE SEAT	HK	303,776,842	5/16/16	303,776,842	11/22/16
FIBER TO THE SEAT	CN	20,009,744	5/19/16	20,009,744	7/7/17
FIBER TO THE SEAT	CN	20,009,743	5/19/16	20,009,743	7/7/17
FIBER TO THE SEAT	CN	20,009,742	5/19/16	20,009,742	7/7/17
GLOBAL EAGLE	CN	41043657	9/16/19	41043657	7/7/20
GLOBAL EAGLE	CN	41043656	9/16/19	41043656	8/7/20
GLOBAL EAGLE Stylized	CN	41043655	9/16/19	41043655	7/7/20
GLOBAL EAGLE Stylized	CN	41043654	9/16/19	41043654	8/7/20