

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASC Signal Corporation	05/29/2009
RECEIVING PARTY DATA	
Name:	Raven Manufacturing Limited
Street Address:	Metcalf Drive
Internal Address:	Altham Business Park
City:	Altham Hyndburn, Lancashire
State/Country:	UNITED KINGDOM
Postal Code:	BB5 5TU
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US0854280
CORRESPONDENCE DATA	
Fax Number:	(269)465-6431
Phone:	2694656603
Email:	email@BabcockIP.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Babcock IP, PLLC
Address Line 1:	P.O. Box 488
Address Line 2:	Attn: Andrew Babcock
Address Line 4:	BRIDGMAN, MICHIGAN 49106
ATTORNEY DOCKET NUMBER:	9067
NAME OF SUBMITTER:	Andrew Babcock
Total Attachments: 10 source=9067_asc_raven_pct#page1.tif	

OP \$40.00 US0854280

source=9067\_asc\_raven\_pct#page2.tif  
source=9067\_asc\_raven\_pct#page3.tif  
source=9067\_asc\_raven\_pct#page4.tif  
source=9067\_asc\_raven\_pct#page5.tif  
source=9067\_asc\_raven\_pct#page6.tif  
source=9067\_asc\_raven\_pct#page7.tif  
source=9067\_asc\_raven\_pct#page8.tif  
source=9067\_asc\_raven\_pct#page9.tif  
source=9067\_asc\_raven\_pct#page10.tif

## EXECUTION COPY

### ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS (this "Assignment") is dated as of May 27, 2009, by and between Raven Manufacturing Limited, a Corporation registered in England and Wales ("Assignee"), or its designee, and ASC Signal Corporation, a corporation incorporated under the laws of Delaware ("ASC Signal"), and ASC Signal International Corporation, a corporation incorporated under the laws of Delaware ("ASC International") and, together with ASC Signal, the "Assignor").

WHEREAS, Assignor and Assignee are parties to that certain Purchase and Sale Agreement, dated as of even date herewith (the "Purchase Agreement"), by and among, *inter alia*, Assignee and certain affiliate thereof and Assignor and certain affiliates thereof, pursuant to which, among other things, Assignee has agreed to acquire from Assignor, and Assignor has agreed to sell to Assignee, all of Assignor's rights, title and interest in the patents and patent applications set forth on Attachment I hereto (the "Assigned Patents"). Capitalized terms used herein and not otherwise defined herein have the meanings set forth in the Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns to Assignee, and Assignee hereby accepts, Assignor's entire right, title and interest in and to (i) the Assigned Patents, letters patent and all divisional, continuing, substitute, renewal, reissue, extension, continuation-in-part, and all other patents or applications for patent that are related by any priority claim to any Assigned Patent or relate to the invention of any Assigned Patent that has been or shall be filed by Assignor and/or has been or shall be issued in the United States and all foreign countries, specifically including the rights to file and prosecute foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States and to have any issuing authority issue any and all United States and foreign patents granted in the future to Assignee, (ii) all income, royalties, damages, and payments now or hereafter due or payable in respect to the Assigned Patents, and (iii) all causes of action and the right to sue, counterclaim, and recover for past, present, and future infringement of Assignor's rights in the Assigned Patents, as well as all rights corresponding thereto throughout the world. This Assignment is made subject to the right of Andrew Corporation to have a license granted under one or more of the Assigned Patents, as such right is specified in Section 3(a) of the Technology License Agreement dated January 31, 2008 by and between Andrew Corporation and ASC Signal.

Assignor covenants to (a) execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in, to the Assigned Patents; (b) assist when possible Assignee in the prosecution of any of the applications, including and without limitation, signing all lawful papers, executing all divisional, continuation, continuation-in-part, reissue, and substitute applications, making all lawful oaths, and assisting in vesting title in Assignee and to aid Assignee to obtain and enforce proper protection for the subject matter of the Assigned Patents in all countries; and (c) assist Assignee in the prosecution or defense of any interference, infringement, or other action

that may arise involving the Assigned Patents or any claim thereto or there under, including, without limitation, testifying in any legal proceedings and notifying Assignee promptly of any subpoena or contract by any person other than Assignee or its agents regarding the Assigned Patents.

Nothing contained in this Assignment shall in any way supersede, modify, replace, amend, change, rescind, waive, expand, exceed, enlarge or affect the provisions set forth in, or any Person's rights, remedies or obligations under, the Purchase Agreement. Notwithstanding anything contained herein to the contrary, to the extent that any provision of this Assignment is inconsistent or conflicts with the Purchase Agreement, the Purchase Agreement shall control.

This Assignment shall be governed by, and construed in accordance with, the laws of the State of Illinois applicable to contracts made and to be performed entirely in such state without regard to principles of conflicts or choice of laws or any other law that would make the laws of any other jurisdiction other than the State of Illinois applicable hereto.

**[SIGNATURE PAGE FOLLOWS]**

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed and delivered by its duly authorized representative as of the date above first written.

**ASSIGNOR:**

ASC SIGNAL CORPORATION

By: Ki Mixon  
Name: Ki Mixon  
Title: Secretary

ASC SIGNAL INTERNATIONAL  
CORPORATION

By: Ki Mixon  
Name: Ki Mixon  
Title: Secretary

Acknowledged and Accepted:

**ASSIGNEE:**

RAVEN MANUFACTURING LIMITED

By: \_\_\_\_\_  
Name:  
Title:

[Signature Page to Patent Assignment]

CL1-1712299

IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be executed and delivered by its duly authorized representative as of the date above first written.

**ASSIGNOR:**

ASC SIGNAL CORPORATION

By: \_\_\_\_\_  
Name: Ki Mixon  
Title: Secretary

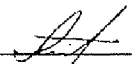
ASC SIGNAL INTERNATIONAL  
CORPORATION

By: \_\_\_\_\_  
Name: Ki Mixon  
Title: Secretary

Acknowledged and Accepted:

**ASSIGNEE:**

RAVEN MANUFACTURING LIMITED

By:  \_\_\_\_\_  
Name: David C. McCourt  
Title: Director

# ATTACHMENT I

## ASSIGNED PATENTS

Description	Country	Application Number	Publication Number	Publication Date	Patent Number	Issued Date	Status
Antenna with Molded Integral Polarity Plate	Canada	CA2374481					Dead application 4/28/06
Antenna with Molded Integral Polarity Plate	Mexico			06/Jan/06	233476		Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Germany	DE19956028392T	DE69528392	05/Sep/01	DE 695 28 392 (EP 0878030)	12/Jun/03	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Europe	1107630.4	2007/26	26/Jun/02	EP 1 130 679 A2	27/Jun/07	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	France				(EP1130679)	27/Jun/07	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Great Britain				(EP 0 878 030)	25/Sep/02	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Germany				DE69535525 (EP0878030)	17/Apr/2008	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Great Britain				(EP1130679)	27/Jun/07	Patented
Die-Castable Corrugated Horns Providing Elliptical Beams	Italy				(EP1130679)	27/Jun/07	Patented
Low AzEl Lockdown Shift Antenna Mount	Europe	07114741.7	EP1936735	25/Jun/08			Published Abandoned
Multi-Planar Sealing Gasket for Waveguide Assembly	Europe	6110196.0	EP1705744	27/Sep/06			Published
N Port Feed Device	Great Britain	GB0408711.0	GB2397178	14/Jul/04	GB 2 397 178	18/May/05	Patented
Slip Joint Polarizer	Brazil	PI 00 15 050-9	BR0015050	2/Jun/02			Published
Slip Joint Polarizer	Europe	EP2000959664	EP1210743	5/Jun/02			Withdrawn 10/22/08
Slip Joint	India	00103/MUM	30/Aug/00		211,332	24/October/2007	Issued

Designation	Country	Application Number	Publication Number	Publication Date	Patent Number	Issued Date	Status
Polarizer							
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	Germany	DE19996029614	69929614	25/Jan/07	DE 699 29 614	25/Jan/06	Lapsed 30/Apr/2009
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	Europe	99941290.1	EP1092246	18/Apr/01	EP 1 092 246	25/Jan/06	Patented
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	Spain	ES19990941290T			ES2257070	16/Jul/06	Patented
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	France				(EP1 092 246)	25/Jan/06	Lapsed 1/19/09
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	Great Britain				(EP1 092 246)	25/Jan/06	Ceased 2/27/09
Antenna Feed and a Reflector Antenna System and a Low Noise (LNB) Receiver, both with such an Antenna Feed	International	PCT/GB99/01712	WO 99/63624	09/Dec/99			Published Expired
Dual Band Feed Window	Europe	6100845.4	EP1691445	16/Aug/06			Published Pending
Dual Polarization Waveguide Probe System with Wedge Shape Polarization Rotator	Germany	60021264			DE 600 21 264	27/Apr/06	Withdrawn 12/2/08



Description	Country	Application Number	Publication Number	Publication Date	Patent Number	Issued Date	Status
Dual Polarization Waveguide Probe System with Wedge Shape Polarization Rotator	Europe	00931378.4	EP1181735	13/Jul/05	EP 1 181 735	13/Jul/05	Patented
Dual Polarization Waveguide Probe System with Wedge Shape Polarization Rotator	Great Britain				1 181 735	13/Jul/05	Ceased 1/28/09
Dual Polarization Waveguide Probe System with Wedge Shape Polarization Rotator	International	PCT/GB00/01855			WO 00/070704	23/Nov/00	Published Expired
High Isolation Switch	Germany	69227253			DE 692 27 253	07/Oct/98	Lapsed 1/1/09
High Isolation Switch	Europe	92913227.2	EP0611487	24/Aug/94	EP 0 611 487	07/Oct/98	Patented
High Isolation Switch	Great Britain				0 611 487	07/Oct/98	Ceased 2/25/09
High Resolution Orientation Adjusting Arrangement for Feed Assembly	Europe	06110199.4	2006/39	27/Sep/06	EP 1 705 746	27/Sep/06	"Grant of Patent is Intended" per espacenet (annual fees were paid on 4/28/09)
Improved Waveguide for Use in Dual Polarisation Probe System	Europe	97940233.6	EP0935821	18/Aug/99	EP 0 935 821	18/Jun/03	Patented
Improved Waveguide for Use in Dual Polarisation Probe System	International	PCT/GB97/02428	WO 98/10479	12/Mar/98			Published Expired
Integrated Satellite Communications Outdoor Unit	Europe	EP06120970.6	EP1772928	Apr 11, 2007	EP1772928	18/Mar/09	Patented
Integrated Satellite	Japan	JP20060270279	JP2007104674	9/Apr/07			Published Awaiting

Description	Country	Application Number	Publication Number	Publication Date	Patent Number	Issued Date	Status
Communications Outdoor Unit							Examination Request (10/2/2009 deadline)
Integrated Satellite Communications Outdoor Unit	Taiwan	95136625					Utility Filed Awaiting Examination Request (10/3/2009 deadline)
Multi-Frequency Antenna Feed	Germany	60018705		04/May/06	DE 600 18 705	04/May/06	Patented
Multi-Frequency Antenna Feed	Europe	00900071.1	EP1142062	10Oct/01	EP 1 142 062	16/Mar/05	Patented
Multi-Frequency Antenna Feed	Great Britain				1 142 062	16/Mar/05	Patented
Multi-Frequency Antenna Feed	International	PCT/GB00/00019	WO 00/41266	13/Jul/00			Published Expired
Multiple Beam Feed Assembly	Europe	6100844.7	EP1691446	Aug 16, 2006			Published Pending
Squint-Beam Corrugated Horn	Canada	2585584	CA2585584	9/Dec/07			Published
Waveguide for Use in Dual Polarisation Probe System	Germany	69602526		18/Jun/03	DE 696 02 526	18/Jun/03	Withdrawn 9/1/04
Waveguide for Use in Dual Polarisation Probe System	Great Britain	EP97940233.6	EP0935821	18/Aug/99	0 935 821	18/Jun/03	Patented
Waveguide Filter (claiming priority to UK application below)	PCT	N/A yet, just recently filed					Filed by Marks & Clerk (Ref. RSN-P15720WO) designating all states
Waveguide to Microstrip Filter	UK	GB0805310.0					Filed (March 25, 2008)
Circuit arrangement for processing a first or a second high frequency signal	China	96108051.5	CN1140930	22/Jan/97	CN1074587	7/Nov/01	Patented
Circuit arrangement for processing a first or a second high frequency signal	Europe	96200709.2	EP 0 735 603	02/Oct/96	EP 0 735 603	02/Oct/96	Patented
Circuit arrangement for processing a first or a second high frequency signal	Germany	EP96200709.2	DE19511103	14/Aug/96	(EP 0 735 603)	14/Aug/03	Patented

Definition	Country	Application Number	Publication Number	Publication Date	Patent Number	Issued Date	Status
frequency signal							
Circuit arrangement for processing a first or a second high frequency signal	France				(EP0735603)	9/Jul/03	Patented
Circuit arrangement for processing a first or a second high frequency signal	Great Britain				(EP0735603)	9/Jul/03	Patented
Gehäuse für elektronische Schaltungen insbesondere für Low Noise Converter ("Housing for satellite low noise converter - comprises moulded grooved interlocking two-piece enclosure that is secured and sealed by bead of adhesive")	Germany	DE19914106077 19910227	4106077.6(A1)	3/Sep/92	4106077(C2)	27/Apr/95	Patented
HF-Modul	Europe	98203149.4	EP0905812	31/Mar/99	EP 0 905 812 B1	31/Mar/06	Patented
Konverter	Germany	19505860		22/Aug/96	DE 195 05 860	22/Aug/96	Abandoned 5/8/04
Konverter	France				EP0729198	21/Nov/01	Patented
Konverter	Great Britain				EP0729198	21/Nov/01	Patented
Konverter	Europe	96200280.4	EP0729198 A1	28/Aug/96	EP 0 729 198 B1	21/Nov/01	Patented
Printed circuit board with a high frequency coupling island	Germany				597116377		Abandoned 1/11/99
Printed circuit board with a high frequency coupling island	Great Britain				(EP836369B1)	19/May/04	Patented
Printed circuit board	EP	EP19970202818 19970915	EP0836369	4/15/1998	EP0836369	19/May/2004	Patented
Gregorian Multi-Band Antenna	EP	EP20050106295 20050711	EP1626459	2/15/2006			Refused 3/6/2009 Refusal published on 4/8/2009

<b>Description</b>	<b>Country</b>	<b>Application Number</b>	<b>Publication Number</b>	<b>Publication Date</b>	<b>Patent Number</b>	<b>Issued Date</b>	<b>Status</b>
Satellite Communications Interoperability Module	PCT	PCT/US08/54280		Feb 19, 2008			Pending