PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4295406

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SKYCROSS, INC.	06/25/2014

RECEIVING PARTY DATA

Name:	HERCULES TECHNOLOGY GROWTH CAPITAL, INC.
Street Address:	400 HAMILTON AVENUE, SUITE 310
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94301

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14918895

CORRESPONDENCE DATA

Fax Number: (267)546-0594

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: 267-546-0624
Email: patents@sprucelaw.com
Correspondent Name: STEPHEN B. SCHOTT
Address Line 1: 1622 SPRUCE STREET
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	5000-0003-02
NAME OF SUBMITTER:	STEPHEN B. SCHOTT
SIGNATURE:	/Stephen B. Schott/
DATE SIGNED:	02/28/2017

Total Attachments: 17
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of June 25, 2014 by and between HERCULES TECHNOLOGY GROWTH CAPITAL, INC., a Maryland corporation ("Agent"), and SKYCROSS, INC., a Delaware corporation ("Grantor").

RECITALS

A. Lender has agreed to make certain advances of money and to extend certain financial accommodation (the "Loans") to Grantor in the amounts and manner set forth in that certain Loan and Security Agreement by and among the several banks and other financial institutions or entities from time to time parties thereto (collectively, referred to as "Lender"), Agent and Grantor ,dated as of June 25, 2014 (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Lender is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Agent a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising among Lender, Grantor and Agent, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising among Lender, Agent and Grantor, Grantor grants and pledges to Agent a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Agent under the Loan Agreement. The rights and remedies of Agent with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Agent as a matter of law or equity. Each right, power and remedy of Agent provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Agent of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Agent, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:

2025 Gateway Place, Suite 385
San Jose, CA 95110
Attention: Warren Weiner

GRANTOR:

SKYCROSS, INC.

By: _____

Title: Chief Financial Officer

Address of Agent:

400 Hamilton Avenue, Suite 310
Palo Alto, CA 94301
Attn: Loan Documentation

AGENT:

HERCULES TECHNOLOGY GROWTH CAPITAL, INC.

By: _____
Ben Bang, Senior Counsel

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

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2025 Gateway Place
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Attention: Warren Weiner

GRANTOR:

SKYCROSS, INC.

By: _____

Title: _____

Address of Agent:

400 Hamilton Avenue, Suite 310
Palo Alto, CA 94301
Attn: Loan Documentation

AGENT:

HERCULES TECHNOLOGY GROWTH CAPITAL, INC.

By: _____
Ben Bang, Senior Counsel

EXHIBIT A

Copyrights

NONE

EXHIBIT B

Patents

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
MULTIMODE ANTENNA STRUCTURE	Owned	Allowed	United States of America	13974479
MULTIMODE ANTENNA STRUCTURE	Owned	Allowed	China	2008800207279
MULTIMODE ANTENNA STRUCTURE	Owned	Allowed	United States of America	12727531
A Low Profile Dielectrically Loaded Meanderline Antenna	Owned	Issued	United States of America	10160930
An Adaptive Variable Impedance Transmission Line Loaded Antenna	Owned	Issued	United States of America	10007818
An exterior quadrifilar helical antenna	Owned	Issued	Republic of Korea	1020060022085
ANTENNA APPARATUS HAVING ELASTIC CONNECTION MODULE	Owned	Issued	Republic of Korea	1020090089435
ANTENNA COUPLER VERIFICATION DEVICE AND METHOD	Owned	Issued	United States of America	06720445
ANTENNA FOR DIGITAL MULTIMEDIA BROADCASTING	Owned	Issued	Republic of Korea	1020070015900
ANTENNA STRUCTURE	Owned	Issued	United States of America	29281429
ANTENNA STRUCTURE	Owned	Issued	United States of America	29281430
ANTENNA STRUCTURE	Owned	Issued	United States of America	29281432
ANTENNA STRUCTURE	Owned	Issued	United States of America	29282578
ANTENNA STRUCTURE	Licensed	Issued	United States of America	29283563
ANTENNA STRUCTURE	Licensed	Issued	Republic of Korea	3020080006164
ANTENNA STRUCTURE	Licensed	Issued	Republic of Korea	3020080006177
ANTENNA STRUCTURE	Licensed	Issued	United States of America	29331169
ANTENNA	Licensed	Issued	United States of	29331806

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
STRUCTURE			America	
ANTENNA STRUCTURE	Licensed	Issued	United States of America	29331808
ANTENNA STRUCTURE	Licensed	Issued	United States of America	29331810
ANTENNA STRUCTURE	Licensed	Issued	United States of America	29332351
ANTENNA STRUCTURE	Owned	Issued	United States of America	29332356
ANTENNA STRUCTURE	Owned	Issued	United States of America	29333739
ANTENNA STRUCTURE	Owned	Issued	United States of America	29350010
Antenna System for Receiving Digital Video Broadcast Signals	Licensed	Issued	United States of America	11627371
Apparatus and Method For Forming a Monolithic Surface-Mountable Antenna	Owned	Issued	United States of America	10645862
Apparatus for Reducing Ground Effects in a Folder-Type Communications Handset Device	Owned	Issued	United States of America	10875850
Apparatus for Reducing Ground Effects in a Folder-TypeCommunication Handset Device	Owned	Issued	Republic of Korea	2003102224
Beamforming Quad Meanderline Loaded Antenna	Owned	Issued	United States of America	10246659
Broadband Adjustable Match Dipole Antenna for Embedded Applications	Owned	Issued	United States of America	29232133
Broadband Antenna Structures	Owned	Issued	United States of America	10878909
Broadband Flexible Printed Circuit Balun	Owned	Issued	United States of America	09845998
BROAD-BAND HIGH-DIRECTIVITY ANTENNA	Owned	Issued	United States of America	07401889
Cavity Embedded Antenna	Owned	Issued	United States of America	10550367
COMPACT, LOW PROFILE, CIRCULAR POLARIZATION CUBIC ANTENNA	Owned	Issued	United States of America	10643760
CROSSED TEE-FED	Owned	Issued	United States of	06504567

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
SLOT ANTENNA			America	
DETACHABLE ANTENNA FOR RADIO COMMUNICATIONS DEVICE	Owned	Issued	United States of America	13308695
Digital Broadcast Receiving Antenna Having Movable Matching Device	Owned	Issued	Republic of Korea	1020120085007
DIPATCH ANTENNA	Owned	Issued	United States of America	06773699
Dipole Tunable Reconfigurable Reflector Array	Owned	Issued	United States of America	09844950
Dual Band Spiral-Shaped Antenna	Owned	Issued	United States of America	10285291
DUAL FEED ANTENNA	Owned	Issued	United States of America	12644718
DUAL FEED ANTENNA	Owned	Issued	United States of America	13757192
Dual Uncoupled Mode Box Antenna	Owned	Issued	United States of America	10119133
Ear-phone antenna for a mobile communication devicewith video application	Owned	Issued	Republic of Korea	1020060065158
Extended Smart Antenna System	Licensed	Issued	United States of America	11678964
External Antenna Assembly	Owned	Issued	Republic of Korea	1020060108387
FABRICATION METHOD AND APPARATUS FOR ANTENNA STRUCTURES IN WIRELESS COMMUNICATIONS DEVICES	Owned	Issued	United States of America	10123380
FASTENING APPARATUS FOR A ROD ANTENNA	Owned	Issued	Republic of Korea	1020100102265
Handset Quadrifilar Helical Antenna Mechanical Structures	Owned	Issued	United States of America	11130035
Handset quadrifilar helical antenna mechanicalstructures	Licensed	Issued	Republic of Korea	1020050067681
HEADPHONE ANTENNA FOR RADIO	Owned	Issued	United States of America	13337789

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
COMMUNICATIONS DEVICE				
High Gain, Frequency Tunable Variable Impedance Transmission Line Loaded Antenna Having Shaped Top Plates	Owned	Issued	United States of America	09871047
High Gain, Frequency Tunable Variable Impedance Transmission Line Loaded Antenna Providing Multi-Band Operation	Owned	Issued	United States of America	09724332
HIGH GAIN, FREQUENCY TUNABLE VARIABLE IMPEDANCE TRANSMISSION LINE LOADED ANTENNA WITH RADIATING AND TUNING WING	Owned	Issued	United States of America	09643302
Hinge device for external dmb receiver antenna	Owned	Issued	Republic of Korea	1020050122398
Independently Tunable Multiband Meanderline Loaded Antenna	Owned	Issued	United States of America	10686903
Independently tunable multiband meanderline loaded antenna	Owned	Issued	Republic of Korea	1020030073834
Integrated Front End Antenna	Owned	Issued	United States of America	10787549
Internal antenna for a mobile communication device	Owned	Issued	Republic of Korea	1020060022086
Low Profile Compact Multi-band Meanderline Loaded Antenna	Owned	Issued	United States of America	10881742
Low Profile, Boradband, Dual Mode, Modified Notch Antenna	Owned	Issued	United States of America	09847551
LOW PROFILE, HIGH GAIN FREQUENCY TUNABLE VARIABLE IMPEDANCE TRANSMISSION LINE LOADED ANTENNA	Owned	Issued	United States of America	09871201
MEANDER LINE LOADED ANTENNA	Owned	Issued	United States of America	08389866
Meanderline Coupled Quadband Antenna For	Licensed	Issued	United States of America	11145171

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
Wireless Handsets				
Metamorphic Parallel Plate Antenna	Owned	Issued	United States of America	09844949
METHOD AND APPARATUS FOR ADAPTIVELY CONTROLLING ANTENNA PARAMETERS TO ENHANCE EFFICIENCY AND MAINTAIN ANTENNA SIZE COMPACTNESS	Licensed	Issued	United States of America	11252248
Method and Apparatus for Reducing SAR Exposure in aCommunication Handset Device	Owned	Issued	Republic of Korea	2003099176
Method And Apparatus For Reducing The Low Frequency Cut-Off Of A Wideband Meander Line Loaded Antenna	Owned	Issued	United States of America	10123787
Method And Apparatus For Using Rf-Activated Mems Switching Elements	Owned	Issued	United States of America	09847554
METHODS AND APPARATUSES FOR ADAPTIVELY CONTROLLING ANTENNA PARAMETERS TO ENHANCE EFFICIENCY AND MAINTAIN ANTENNA SIZE COMPACTNESS	Licensed	Issued	United States of America	11421878
METHODS AND APPARATUSES FOR ADAPTIVELY CONTROLLING ANTENNA PARAMETERS TO ENHANCE EFFICIENCY AND MAINTAIN ANTENNA SIZE COMPACTNESS	Licensed	Issued	United States of America	11623307
METHODS FOR REDUCING NEAR-FIELD RADIATION AND SPECIFIC	Owned	Issued	United States of America	12786032

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
ABSORPTION RATE (SAR) VALUES IN COMMUNICATIONS DEVICES				
METHODS FOR REDUCING NEAR-FIELD RADIATION AND SPECIFIC ABSORPTION RATE (SAR) VALUES IN COMMUNICATIONS DEVICES	Owned	Issued	United States of America	13726871
MICROSTRIP TEE-FED SLOT ANTENNA	Owned	Issued	United States of America	06856874
Monolithic Low Profile Omni-Directional Surface-Mount Antenna	Owned	Issued	United States of America	10779562
Multi-band Rod Antenna Having hinge support embedding matching element	Owned	Issued	Republic of Korea	1020110075382
Multiband Tunable Antenna	Licensed	Issued	United States of America	11627357
Multichannel Wireless System	Owned	Issued	United States of America	12028833
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	United States of America	11769565
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	Japan	2009511268
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	Republic of Korea	1020077021744
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	Taiwan R.O.C.	96144278
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	United States of America	12099320
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	United States of America	12750196
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	United States of America	13454738
MULTIMODE ANTENNA STRUCTURE	Owned	Issued	Japan	2010504260
Multiple Antenna Diversity for Wireless	Owned	Issued	United States of America	10313971

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
LAN Applications				
MULTI-PORT ANTENNA	Owned	Issued	United States of America	12644691
Narrow-Band, Crossed-Element, Offset-Tuned Band, Dual Mode Meander Line Loaded Antenna	Owned	Issued	United States of America	09871038
Narrow-Band, Symmetric, Crossed, Circularly Polarized Meander Line Loaded Antenna	Owned	Issued	United States of America	09871036
Quadrifilar Helical Antenna	Owned	Issued	United States of America	10998301
Quadrifilar Helical Antenna	Licensed	Issued	United States of America	11879208
Quadrifilar Helical Antenna	Licensed	Issued	United States of America	12367528
Quadrifilar Helical Antenna	Licensed	Issued	Republic of Korea	2005022253
Radio Frequency Identification Tag	Owned	Issued	United States of America	10856354
Reconfigurable Diplexer For Comsat Applications	Owned	Issued	United States of America	09809449
Reconfigurable Resonant Cavity With Frequency Selective Surfaces And Shorting Posts	Owned	Issued	United States of America	09808865
REDUCED SIDE LOBE ANTENNA SYSTEM	Owned	Issued	United States of America	06543669
RF-Actuated MEMS Switching Element	Owned	Issued	United States of America	11008503
Scanning, Circularly Polarized Varied Impedance Transmission Line Antenna	Owned	Issued	United States of America	09871139
Slot Antenna	Owned	Issued	United States of America	12055259
SPREAD-SPECTRUM DETECTION SYSTEM FOR A MULTI-ELEMENT ANTENNA	Owned	Issued	United States of America	06601453
Stacked, Multi-Band Look-Thru Antenna	Owned	Issued	United States of America	09847792
Structure for Precluding Projection of Antenna	Owned	Issued	Republic of Korea	1020080041925
T-DMB ANTENNA	Owned	Issued	Republic of Korea	1020080123899
Thin, Broadband Salisbury Screen Absorber	Owned	Issued	United States of America	09847552

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
TRI-BAND ANTENNA FOR DIGITAL MULTIMEDIA BROADCAST (DMB) APPLICATIONS	Owned	Issued	United States of America	10863809
Tri-Band Miniature Antenna for Wireless Handsets	Licensed	Issued	United States of America	29243371
Tri-Band Multi-Mode Antenna	Owned	Issued	United States of America	10289617
Tunable Diversity Antenna for use with Frequency Hopping Communications Protocol	Licensed	Issued	United States of America	11971573
Ultra-Wide Band Meanderline Fed Monopole Antenna	Owned	Issued	United States of America	10418947
ULTRA-WIDE BAND MONOPOLE ANTENNA	Owned	Issued	United States of America	11157154
WIDEBAND LOW PROFILE SPIRAL-SHAPED TRANSMISSION LINE ANTENNA	Owned	Issued	United States of America	10331105
Wideband Printed Monopole Antenna	Owned	Issued	United States of America	10453841
Absortion Guide for Multistage Antenna and Manufacturing Method Thereof	Owned	Pending	Republic of Korea	1020110030862
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14257592
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14266008
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14285223
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14257624
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14266053
ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	14285262
ANTENNA SYSTEM	Owned	Pending	United States of	12899900

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
PROVIDING HIGH ISOLATION BETWEEN ANTENNAS ON ELECTRONICS DEVICE			America	
ANTENNA SYSTEM PROVIDING HIGH ISOLATION BETWEEN ANTENNAS ON ELECTRONICS DEVICE	Owned	Pending	Canada	2813942
ANTENNA SYSTEM PROVIDING HIGH ISOLATION BETWEEN ANTENNAS ON ELECTRONICS DEVICE	Owned	Pending	Republic of Korea	1020127009984
ANTENNA WITH RADIATOR FIXED BY FUSION, AND MANUFACTURING METHOD THEREOF	Owned	Pending	United States of America	14263621
ANTENNA WITH RADIATOR FIXED BY FUSION, AND MANUFACTURING METHOD THEREOF	Owned	Pending	Republic of Korea	1020140032916
Digital Broadcast Receiving Antenna Having Movable Matching Device	Owned	Pending	Republic of Korea	1020110114412
DUAL FEED ANTENNA	Owned	Pending	Republic of Korea	1020117015321
DUAL FEED ANTENNA	Owned	Pending	United States of America	14107568
Earphone antenna	Owned	Pending	Republic of Korea	1020140009906
Earphone Antenna with spaced lines	Owned	Pending	Republic of Korea	1020140033027
HEADPHONE ANTENNA FOR RADIO COMMUNICATIONS DEVICE	Owned	Pending	PCT	PCTUS1167327
Helical earphone antenna	Owned	Pending	Republic of Korea	1020140022805
HIGH ISOLATION ANTENNA SYSTEM	Owned	Pending	United States of America	12873823
HIGH ISOLATION ANTENNA SYSTEM	Owned	Pending	Republic of Korea	1020127008008

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
METHOD AND APPARATUS FOR CONTROLLING AN ANTENNA	Owned	Pending	United States of America	13768834
METHOD AND APPARATUS FOR CONTROLLING AN ANTENNA	Owned	Pending	PCT	PCTUS1326606
Methods and Apparatus For adaptively Controlling Antenna Parameters to Enhance Efficiency and Maintain Antenna Size Compactness	Licensed	Pending	China	2007800282487
Methods and Apparatus For adaptively Controlling Antenna Parameters to Enhance Efficiency and Maintain Antenna Size Compactness	Licensed	Pending	Japan	2009513487
Methods and Apparatus For adaptively Controlling Antenna Parameters to Enhance Efficiency and Maintain Antenna Size Compactness	Licensed	Pending	Republic of Korea	20087032224
METHODS AND APPARATUS FOR IMPROVING RF COMMUNICATIONS	Owned	Pending	United States of America	61896233
METHODS AND APPARATUS FOR PERFORMING RF COMMUNICATIONS	Owned	Pending	United States of America	61932831
METHODS AND APPARATUSES FOR ADAPTIVELY CONTROLLING ANTENNA PARAMETERS TO ENHANCE EFFICIENCY AND MAINTAIN ANTENNA SIZE COMPACTNESS	Licensed	Pending	United States of America	13646012
METHODS FOR REDUCING NEAR-FIELD RADIATION AND SPECIFIC	Owned	Pending	United States of America	14225640

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
ABSORPTION RATE (SAR) VALUES IN COMMUNICATIONS DEVICES				
METHODS FOR REDUCING NEAR-FIELD RADIATION AND SPECIFIC ABSORPTION RATE (SAR) VALUES IN COMMUNICATIONS DEVICES	Owned	Pending	Republic of Korea	1020117030224
METHODS FOR REDUCING NEAR-FIELD RADIATION AND SPECIFIC ABSORPTION RATE (SAR) VALUES IN COMMUNICATIONS DEVICES	Owned	Pending	Taiwan R.O.C.	99116692
Misuk IM Vs. SkyCross Korea	Owned	Pending	Republic of Korea	
MULTIBAND ANTENNA WITH INDEPENDENT HIGH AND LOW BAND STRUCTURES AND METHOD FOR TUNING	Owned	Pending	United States of America	61793856
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	China	201310138982
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	European Patent Office	087461927
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	Japan	2013092612
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	Republic of Korea	1020097024250
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	Taiwan R.O.C.	97114209
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	China	2010800216491
MULTIMODE ANTENNA STRUCTURE	Owned	Pending	Japan	2012500989
MULTIMODE	Owned	Pending	Republic of Korea	1020117024319

TITLE	CLIENT OWNERSHIP INTEREST	STATUS	COUNTRY	SERIAL NUMBER
ANTENNA STRUCTURE				
MULTIMODE ANTENNA STRUCTURES AND METHODS THEREOF	Owned	Pending	United States of America	13912331
MULTI-PORT ANTENNA	Owned	Pending	Republic of Korea	1020117015320
Multistage Antenna Having Matching Element	Owned	Pending	Republic of Korea	1020110081862
RECONFIGURABLE MIMO APPLICATIONS	Owned	Pending	United States of America	61941888
SINGLE FEEDING MULTIBAND ANTENNA MODULE FOR MOBILE DEVICE	Owned	Pending	Republic of Korea	1020130071254
THREE-FEED LOW-PROFILE ANTENNA STRUCTURE OFFERING HIGH PORT-TO-PORT ISOLATION AND MULTIBAND OPERATION	Owned	Pending	United States of America	13657138

EXHIBIT C

Trademarks

Name	Date Filed	Status	Country	Serial Number
IMAT	May 2, 2008	Registered	United States of America	77464016
IMAT	Nov 13, 2008	Registered	China	7054633
IMAT	Oct 29, 2008	Registered	Taiwan R.O.C.	097049973
iMAT	Oct 1, 2008	Registered	Republic of Korea	4020080047279
IMAT	Nov 26, 2009	Registered	Japan	JP2009089462
SkyCross	Feb 17, 2009	Registered	Taiwan R.O.C.	098005352
Skycross	Oct 1, 2008	Registered	Republic of Korea	4020080047278
SkyCross	Oct 1, 2008	Registered	Republic of Korea	4120080026008
SkyCross	Oct 1, 2008	Registered	Republic of Korea	4120080026009
SkyCross	Aug 14, 2009	Registered	Republic of Korea	4120090018641
SkyCross	Nov 26, 2009	Registered	Japan	JP2009089428
SkyCross	Nov 26, 2009	Registered	Japan	2009089449
SkyCross	Mar 15, 2013	Registered	United States of America	85877671
SkyCross	Sep 16, 2013	Registered	International Bureau (WIPO)	1180129
VersiTune	Jul 15, 2013	Allowed	United States of America	86010889