PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6281389

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT AND ASSUMPTION AGREEMENT AND BILL OF SALE

CONVEYING PARTY DATA

Name	Execution Date
GOODRICH CORPORATION	08/31/2020
RAYTHEON TECHNOLOGIES CORPORATION	08/31/2020

RECEIVING PARTY DATA

Name:	DANBURY MISSION TECHNOLOGIES, LLC (FORMERLY KNOWN AS AMERGINT EO SOLUTIONS, LLC)
Street Address:	2315 BRIARGATE PARKWAY
Internal Address:	SUITE 100
City:	COLORADO SPRINGS
State/Country:	COLORADO
Postal Code:	80920

PROPERTY NUMBERS Total: 45

Property Type	Number
Patent Number:	9314980
Patent Number:	9861019
Patent Number:	8145064
Patent Number:	8027590
Patent Number:	8144323
Patent Number:	8296106
Patent Number:	8299433
Patent Number:	8003947
Patent Number:	6283756
Patent Number:	6236490
Patent Number:	6818876
Patent Number:	6137622
Patent Number:	6310347
Patent Number:	6181459
Patent Number:	7223954
Patent Number:	7271594
Patent Number:	7358474
Patent Number:	9276034

<u>PATENT</u>

506234645 REEL: 053680 FRAME: 0799

Property Type	Number
Patent Number:	9169686
Patent Number:	9500837
Patent Number:	9787157
Application Number:	14996191
Application Number:	15048465
Application Number:	15096390
Patent Number:	10365162
Application Number:	15245590
Patent Number:	10228495
Patent Number:	10126656
Patent Number:	10486997
Application Number:	15348194
Application Number:	15348665
Application Number:	15348136
Patent Number:	9952355
Patent Number:	10371208
Patent Number:	10274011
Patent Number:	10444409
Patent Number:	10182519
Application Number:	16166788
Application Number:	16381456
Application Number:	16298236
PCT Number:	US2001000303
PCT Number:	US2001005029
PCT Number:	US1998007903
PCT Number:	US2004002963
PCT Number:	US1998016132

CORRESPONDENCE DATA

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Correspondent Name: MELANIE JOLSON, ESQ.

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Address Line 2: 425 LEXINGTON AVENUE

Address Line 4: NEW YORK, NEW YORK 10017

ATTORNEY DOCKET NUMBER: 001109/0027

PATENT REEL: 053680 FRAME: 0800

NAME OF SUBMITTER:	MELANIE JOLSON										
SIGNATURE:	/MJ/										
DATE SIGNED:	09/02/2020										
Total Attachments: 7											
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PATENT REEL: 053680 FRAME: 0801

ASSIGNMENT AND ASSUMPTION AGREEMENT AND BILL OF SALE

This ASSIGNMENT AND ASSUMPTION AGREEMENT AND BILL OF SALE (this "Agreement"), dated as of August 31, 2020, is made by and among Goodrich Corporation, a New York corporation (the "Seller Entity"), Raytheon Technologies Corporation, a Delaware Corporation ("Seller"), and Danbury Mission Technologies, LLC (formerly known as AMERGINT EO Solutions, LLC), a Delaware limited liability company ("Purchaser"). The Seller Entity, Seller and Purchaser are referred to herein individually as a "Party" and collectively, as the "Parties." Capitalized terms not otherwise defined herein shall have the meanings set forth in the Asset Purchase Agreement dated as of April 19, 2020, by and between Seller and Purchaser (as it may be amended from time to time, the "Purchase Agreement"), unless the context herein otherwise requires.

WHEREAS, pursuant to, and on the terms and subject to the conditions of, the Purchase Agreement, among other things, (i) Seller has agreed to, and to cause the Seller Entity to, sell, assign, transfer and convey to Purchaser all of Seller's and its Subsidiaries' (for the avoidance of doubt, not including Raytheon Company and/or any of its Subsidiaries) right, title and interest in and to the Purchased Assets; (ii) Purchaser has agreed to purchase, acquire and accept from the Seller Entity, all of the Seller's and its Subsidiaries' (for the avoidance of doubt, not including Raytheon Company and/or any of its Subsidiaries) right, title and interest in and to the Purchased Assets; (iii) Purchaser has agreed to assume and to discharge or perform the Assumed Liabilities; and (iv) Seller and Purchaser have agreed that the Purchased Assets do not include the Excluded Assets and the Assumed Liabilities do not include the Retained Liabilities;

WHEREAS, each of Seller and the Seller Entity has all necessary corporate or comparable power and authority to act as to the subject matter of this Agreement; and

WHEREAS, Purchaser has all necessary corporate power and authority to act as to the subject matter of this Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereto agree as follows:

- 1. Each of Seller and the Seller Entity hereby sells, assigns, transfers and conveys to Purchaser all of Seller's and its Subsidiaries' (for the avoidance of doubt, not including Raytheon Company and/or any of its Subsidiaries) right, title and interest in the Purchased Assets, including the Registered Intellectual Property listed on Exhibit A hereto and Purchaser hereby purchases and acquires such Purchased Assets, in each case, upon the terms and conditions contained in the Purchase Agreement.
- 2. For the avoidance of doubt, notwithstanding any other provision of this Agreement, neither Seller nor any of its Affiliates hereby sells, assigns, transfers or conveys to Purchaser, and Purchaser hereby does not purchase or acquire, any and all of Seller's or the Seller Entity's right, title or interest in or to any and all Excluded Assets.

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- 3. Purchaser hereby assumes and agrees to discharge or perform, in each case when due, the Assumed Liabilities, in each case, upon the terms and conditions contained in the Purchase Agreement.
- 4. For the avoidance of doubt, notwithstanding any other provision of this Agreement, each of Seller and its Affiliates hereby retains, and Purchaser hereby does not assume, any and all Retained Liabilities.
- 5. This Agreement shall not be construed as a notice of or request for consent to transfer, assignment or assumption, an attempt or agreement to transfer, assign or assume, or a present transfer, assignment or assumption, of any contracts, agreements, leases, subleases, licenses, commitments or any other Contract or asset, to the extent that such transfer, assignment or assumption, as contemplated by this Agreement and/or the Purchase Agreement (a) is prohibited by Law, (b) without Approvals would (i) constitute a breach thereof, (ii) be reasonably likely to subject Seller, the Seller Entity, Purchaser or any of their respective officers, directors, agents or Affiliates, to civil or criminal liability, (iii) be reasonably likely to make such assignment, or transfer or change of control void or voidable, or (iv) be reasonably likely to adversely affect in any material respect the rights thereunder of Seller, the Seller Entity, Purchaser or any of their respective officers, directors, agents or Affiliates, and such Approval is not obtained at or before the Closing, or (c) is otherwise contemplated by Sections 2.12 or 5.15 of the Purchase Agreement not to occur at Closing. Unless the Parties mutually shall otherwise determine, such transfer, assignment or assumption shall be automatically deferred until such time as all legal impediments are removed or such Approvals have been obtained or made, at which time (or upon the mutual agreement of the Parties) this Agreement shall be deemed to transfer, assign or effect the assumption of such contract, agreement, lease, sublease, license, commitment, Contract or asset, as provided in this Agreement.
- 6. This Agreement shall be without prejudice to the Purchase Agreement. In the event of any conflict or inconsistency between the terms of this Agreement and the Purchase Agreement, the terms of the Purchase Agreement shall control.
- 7. This Agreement shall be subject to the provisions of Sections 10.1 to 10.12 of the Purchase Agreement, *mutatis mutandis*.

IN WITNESS WHEREOF, the Parties herein have duly executed and delivered this Assignment and Assumption Agreement and Bill of Sale as of the day and year first above written.

GOODRICH CORPORATION

By: Michel R Dumais

Name: Michael R. Dumais Title: Vice President

RAYTHEON TECHNOLOGIES CORPORATION

Name: Michael R. Dumais

Title: Executive Vice President, Strategy

DANBURY MISSION TECHNOLOGIES, LLC

By:		
Name:		
Title:		

IN WITNESS WHEREOF, the Parties herein have duly executed and delivered this Assignment and Assumption Agreement and Bill of Sale as of the day and year first above written.

GOODRICH CORPORATION

By:
Name:
Title:
RAYTHEON TECHNOLOGIES CORPORATION
By:
Name:
Title:
DANBURY MISSION TECHNOLOGIES, LLC

	DocuSigned by:
	Randal Culver
By:	
	vo. Dandal Culvar

Name: Randal Culver

Title: President and Chief Executive Officer

Exhibit A

[Attached.]

85651106 85651117 85682737 85682742 856824217 85878859 85877894 86210819	85604815 85627996 85628000 85628004 85651061 85651070	85535678 85535683 85545244 85545248 85604794	85497440 85497447 85497447	85497412 85497419 85497433	85495440 85495448	85468492 85474829	85468466 85468482	85356173 85453981	85340690 85356166	85283740 85283762	85256269 85283714	85256249	85051763 85065283	81500256 84389751	81499795 81499883	81497857 81498343	81495421 81497177	81495420	81482742	81481598	81481597	81481285	81480338	81480332 81480333	81480313 81480317	814/9836 81480021	81479835	81478845	Patent ID
98515EP01 98515EP01 98515JP01 64797FR01 64797GB01 94460US02 107162US01 94459US02 107162EP01	96608JP01 70510FR01 70510DE01 70510GB01 70518EP01 97518EP01	77754FR01 77754GB01 70297FR01 70297GB01 96608EP01	95641EP01 95641JP01 64800US02	95639EP01 95639JP01 95640JP01	94459JP01 95638EP01 95638JP01	94460JP01 94459EP01	98515US01 98515US01	73310DE01 97518US01	96608US01 73310FR01	95640US01 95641US01	94460US01 95638US01	94421US01	92402US01 92893US01	73529EP01 91446US01	77754US01 70512FR01	76210US01 76246US01	76249US01	64800FR01	67432US01	66729US01	66727US01	66556US01	70513EP01	70512US01 70513US01	70510US01 70511US01	70297US01	70237EP01	64797US01	Patent Ref
MWIRLUMR Transparent, Conductive Coatings MWIRLUMR Transparent, Conductive Coatings High Correctability Deformable Mirror High Correctability Deformable Mirror Apparatus and Methods of Electionally Conductive Optical Semiconductor Coating Actuators for Converting Rotational Input to Axial Octiput Apparatus and Methods of Electically Conductive Optical Semiconductor Coating Aduators for Converting Rotational Input to Axial Octiput Apparatus and Methods of Electically Conductive Optical Semiconductor Coating Aduators for Converting Rotational Input to Axial Octiput Aduators for Converting Rotation Input to Axial Octiput Aduators for Converting Rotation Input to Axial Octi	Spatially Controlled Conductivity in Transparent Oxide Coatings Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System Beatings Assemblies with Electrodynamically Matched Races Electrodynamically Finished Plain Bearings Electrodynamically Finished Plain Bearings	Aduator Device and Method of Converting Rotational Input to Axial Octput with Rotary Flexure Mechanism Actuator Device and Method of Converting Rotational Input to Axial Octput with Rotary Flexure Mechanism System and Method for Signal Extraction by Path Modulation System and Method for Signal Extraction by Path Modulation System and Method for Signal Extraction by Path Modulation Spatially Controlled Conductivity in Transparent Oxdee Coatings	Additive Manufacture of Optical Components (ADDMFG) Additive Manufacture of Optical Components (ADDMFG) Additive Manufacture of Optical Components (ADDMFG) Deterministic ENI (Rock Layout for Controlling Optical Diffraction	Powder Beel Additive Manufacturing of Low Expansion Glass (ADDMFG) Powder Beel Additive Manufacturing of Low Expansion Glass (ADDMFG) Powder Beel Additive Manufacturing of Low Expansion Glass (ADDMFG) Surface Finishing for Class Commonent's Liston, all seer	Applatus and wetnods of Lectrically Conouclive Optical Semiconductor Coating Johing Members Using Additive Manufacturing (ADDMFG) Johing Members Using Additive Manufacturing (ADDMFG)	Apparatus and Methods of Electrically Conductive Optical Semiconductor Coating Apparatus and Methods of Electrically Conductive Optical Semiconductor Coating	Electuolykari nually finishet Friani Dedaritys MWIRCLWIR Transparent, Conductive Coatings Apografus and Methods of Electrically Conductive Coating Semiconductor Coating	Rapid Manufacturing of U.E Glass Mirror Substrates (ADDMFG) Bearings Assemblies with Electrodynamically Matched Races Front Manufacturing Front	Spatially Controlled Conductivity in Transparent Oxide Coatings Rapid Manufacturing of ULE Glass Mirror Substrates (ADDMFG)	Private lact Adultive Maritidaturilly in Live Applaitson Islass (ADDMFG) Surface Finishing for Glass Components (ADDMFG) Additive Manufacture of Optical Components (ADDMFG)	Apparatus and Methods of Electrically Conductive Optical Semiconductor Coating Johnson Methods of Electrically Conductive Optical Semiconductor Coating United Methods Using Additive Manufacturing (ADDMFG)	Robust Spedroscopy Systems Robust Spedroscopy Systems Apparatus and Methods of Electrically Conductive Cotical Semiconductor Coatino	Actuator Devices for Converting Rotational Input to Linear Output Temperature Control Systems Lace Villandanom Anadoror	Row By Row Algustable Focal Plane Array for Hyperspectral Imagers Optical Element Shaping Systems	Aduation Device and Method of Converting Rotational Input to Axial Output with Rotary Flexure Medianism Multi-Channel Optical Cell Multi-Channel Optical Cell Multi-Channel Optical Cell	Window Assemblies Bonding Structure with CTE Gradient for Mounting an Optical Element in a Frame	Deterministic EMI Grid Layout for Controlling Optical Diffraction Grid Topography for Patterned Semiconductor Coating that Minimizes Optical Scatter and Obscuration	System and Metrico for Line-Leiey integration imaging Deterministic EMI Grid Layout for Controlling Optical Diffraction	Apparatus For Accessing an Active Fixed serisor Array System and Method for Power Ratio Determination With Common Mode Suppression Through Electric Field Differencing	Spectrometer with Planar Reflective Sit to Minimize Thermal Background at Focal Plane Deformable Mirror with Removable Actuator Using Shaped-Memory Alloys	Kinematic Acquart Deformable Mirror	Training System Const Construction (Section 2) Training State Indiana Construction (Section 2) Training State Deformable Mirror Cons	System and Method for Magnitude and Phase Retrieval by Path Modulation Manual Translation System I king Cabbal Postioning Satellines BE Transceiver, and I seer Rased Bangefinder and Warning Receiver	Multi-Channel Optical Cell System and Method for Magnitude and Phase Retideval by Path Modulation	Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System Apparatus, Method and Computer-Readable Storage Medium for Processing a Signal in a Spectrometer System	System and Method for Signal Extraction by Path Modulation	System and Method for Supressing Noise by Frequency Dither	High Correctability Deformable Mirror Deforministic FMI God Layout For Controlling Onlical Diffraction	App Title
European Palent Japan Flance United Kingdom United States of America European Patent Japan	Japan France Germany (Federal Republic of) United Kingdom European Fatent European Fatent	France United Kingdom France United Kingdom European Patent	European Patent Japan United States of America	European Patent Japan Japan	Japan European Patent Japan	Japan European Patent	United States of America United States of America European Patent	Germany (Federal Republic of) United States of America	United States of America France	United States of America United States of America United States of America	United States of America United States of America	United States of America United States of America	United States of America United States of America	European Patent United States of America	United States of America France Haffad Kinadam	United States of America United States of America	United Kingdom United States of America	United States of America France	United States of America	United States of America United States of America	United States of America	United States of America	European Patent	United States of America United States of America	United States of America United States of America	United States of America	European Patent	United States of America	Country
Published Application Granted Granted Published Application Published Application Application	Application Granted Granted Granted Granted Published Published	Granted Granted Granted Granted Granted Published	Application Granted	Application Application	Application Published Application	Application Published	Granted Published	Granted Granted	Granted Granted	Published Published	Granted Granted	Published Granted	Published Published	Published Application	Granted	Granted Granted	Granted Granted	Granted	Granted	Granted	Granted	Granted	Published	Granted Granted	Granted Granted	Granted	Published	Granted	Status
2018-08-16 2018-08-17 2014-03-17 2014-03-17 2018-10-22 2019-04-11 2019-03-11 2019-12-03	2018-03-13 2011-03-09 2011-03-09 2011-03-09 2011-03-09 2018-08-01	2015-07-28 2015-07-28 2009-09-08 2009-09-08 2008-03-12	2017-11-09 2017-11-30	2017-11-09 2017-11-09 2017-11-09	2017-11-10	2017-09-07	2017-08-18	2014-08-05	2017-03-13 2014-08-05	2016-11-10	2016-09-08 2016-11-10	2016-08-24	2016-02-19 2016-04-12 2016-05-27	2014-10-21	2014-07-29 2011-03-16	2014-05-13 2014-06-03	2013-12-06	2013-12-06	2005-03-31	1999-06-29	1999-06-30	2000-01-05	2011-02-25	2010-03-25	2010-03-25 2010-02-25	2008-09-19	2009-09-08	2013-03-19	Filed Date
16189377 2018-153348 141602912 141602912 16/166,788 16/381,456 16/281236	2018-44925 111250273.7 11250273.7 11250273.7 11250273.7 18186836.5 18186854.8	15178599.5 15178599.5 09011487.7 09011487.7 18181230.0	17200865.8 2017-216174 15/826,912	17200808.8 2017-216172 2017-216173	2017-171840 17201137.1 2017-216170	2017-171839 17190056.6	15/680,425 17190049.1	14179826.4 15/668,663	15/457,021 14179826.4	15/346,194 15/348,665 15/348.136	15/259,400 15/348,483	15/245,590	15/048,465 15/096,390	14189751.2	14/445,898 11250314.9	14/276,549 14/294,245	13215/0.2 14/246,219	1362243	11/095,180	09/342,495 09/326,761	09/343,953	09/478,159	11250223.2	12/731,909 12/712,736	12/731,941 12/712,811	12/234,162	09011486.9	13/847,363	Application Number
		2222	Ν				2019	2017	2018 2017		2018-11-13 2019-11-26	2019-03-12	2010	20.00.41.03	2017-	2015-1 2016-1	2015-1	2018-11	2007-09	2001-10-30	2000-10	2001-0	2001	2012-1	2012-0:	2012-03-27	201	2016-04-19	Grant Date
2018-07-25 7/25/2018	2018-05-02 2018-05-02 2018-05-02	2017-11-08 2017-11-08 2017-12-20 2017-12-20 2017-12-20	019-01-15				9-10-15	2017-01-04	04-24		1-13 1-26	3-12	7 30	ş	6 6 6	0-27 1-22	3-14	8 5	18 28	8 6 6	24 5	523	2	P 20	9-27 0-23	9-27	3 1	υw	
2018-07-25 2781940 7/25/2018 2781940	2018-05-02 2372345 2018-05-02 2372345 2018-05-02 2372345	017-11-08 2980451 017-11-08 2980451 017-12-20 2166325 017-12-20 2166325						-01-04 602014005973.2 -08-06 10,371,208			1-13 10,126,656 1-26 10,486,997				10-10 9,787,157 06-04 2372341									0-30 8299433 8-23 8003947		9-27 8027590			Patent No.

81481295 81481458	81481808	81481809	81481831	81481825	81480020	81481352	81481426	81481422	81481602	81481998	81482006	81480326	81500245	81481276	81481277	81481621	81481274	81497855	81482013	86293628	86293620	81481286	81481549	81481551	81481411	81481501	81480310		81481476	82375898	Patent ID
66557EP01 66629EP01	66839EP04	66839EP02	66839EP03	66839EP01	70297EP01	66574WO01	66608EP01	66607EP01	66731WO01	66988WO01	66988EP01	70512EP01	73310EP01	66552WO01	66552EP01	66747EP01	66551WO01	64797EP01	66991EP01	126242US01	126241US01	66556WO01	66688WO01	66688EP01	66606EP01	66659EP01	70510EP01		66641EP01	77754EP01	Patent Ref
System for Detecting Modulated Laser Signals TALBOT FILTERED SURFACE EMITTING DISTRIBUTED FEEDBACK SEMICONDUCTOR LASER ARRAY	SYSTEM FOR DEPLOYING THE PETALS OF A SECTORED MIRROR OF AN OPTICAL SPACE TELESCOPE	SYSTEM FOR DEPLOYING THE PETALS OF A SECTORED MIRROR OF AN OPTICAL SPACE TELESCOPE	SYSTEM FOR DEPLOYING THE PETALS OF A SECTORED MIRROR OF AN OPTICAL SPACE TELESCOPE	SYSTEM FOR DEPLOYING THE PETALS OF A SECTORED MIRROR OF AN OPTICAL SPACE TELESCOPE	System and Method for Signal Extraction by Path Modulation	System and Method for Discriminating Between Direct and Reflected Electromagnetic Energy	SPATIALLY TUNABLE RUGATE NARROW REFLECTION BAND FILTER AND APPLICATIONS THEREFOR	SPATIALLY TUNABLE RUGATE NARROW REFLECTION BAND FILTER	RESPONSE RATIONING ANGLE OF ARRIVAL SENSOR THAT IS INSENSITIVE TO SCINTILLATION	RANDOM ACCESS IMAGING SENSOR	RANDOM ACCESS IMAGING SENSOR	Multi-Channel Optical Cell	Method for Manufacturing Ultra Low Expansion Glass Mirror Substrate (ADDMFG)	Method and System for Remotely Determining Column Density of Trace Gases	Method and System for Remotely Determining Column Density of Trace Gases	LITHOGRAPHY SYSTEM AND METHOD WITH MASK IMAGE ENLARGEMENT	Image Tracker Having Means for Eliminating Systematic Error in Centroid Determination of Reconstructed Images	High Correctability Deformable Mirror	ENGINEERED FLEXURE COMPONENT	Elimination of Increase in EMI Grid Obscuration vs. Increasing AOI, for Surface Flush Grids	Elimination of Increase in EMI Grid Obscuration vs. Increasing AOI, for Buried Grids	Dual Stage Deformable Mirror	CURVED GRATING SURFACE-EMITTING DISTRIBUTED FEEDBACK LASER	CURVED GRATING SURFACE-EMITTING DISTRIBUTED FEEDBACK LASER	COATINGS FOR LASER DETECTOR ETALONS	BROADBAND RUGATE FILTER	Apparatus, Method and Computer-Readable Storage Medium for Determining the Ring-Down Time in a Spectrometer System	HAVING CIRCUITRY FOR BACKGROUND RADIATION CANCELING	APPARATUS FOR SIMULTANEOUSLY DETECTING A PLURALITY OF DISCRETE LASER MODULATION FREQUENCIES	Actuator Device and Method of Converting Rotational Input to Axial Output with Rotary Flexure Mechanism	App Title
European Patent European Patent	European Patent	European Patent	European Patent	European Patent	European Patent	Patent Cooperation Treaty	European Patent	European Patent	Patent Cooperation Treaty	Patent Cooperation Treaty	European Patent	European Patent	European Patent	Patent Cooperation Treaty	European Patent	European Patent	Patent Cooperation Treaty	European Patent	European Patent	United States of America	United States of America	Patent Cooperation Treaty	Patent Cooperation Treaty	European Patent	European Patent	European Patent	European Patent		European Patent	European Patent	Country
Completed Completed	Completed	Completed	Completed	Completed	Completed	Converted	Completed	Completed	Converted	Converted	Completed	Completed	Completed	Converted	Completed	Completed	Converted	Completed	Completed	Acknowledged	Acknowledged	Converted	Converted	Completed	Completed	Completed	Completed		Completed	Completed	Status
4/12/1994 4/23/1993	6/5/2007	5/18/2005	5/18/2005	8/8/2003	9/8/2009	7/31/1998	4/2/1993	4/1/1993	3/7/1988	2/3/2004	2/3/2004	3/16/2011	8/5/2014	4/17/1998	4/17/1998	5/9/1996	2/16/2001	3/17/2014	12/18/2003			1/5/2001	4/18/1995	4/18/1995	3/23/1993	5/5/1994	3/9/2011		3/17/1994	7/28/2015	Filed Date
94105631.9 93303200.5	7011070.5	5010788.7	5010787.9	3018138.2	9011487.7	PCT/US1998/016132	93302630.4	93302562.9	88/00661	US2004/02963	4707718.5	11250314.9	14179826.4	PCT/US1998/007903	98923303.6	96303244.6	PCT/US2001/005029	14160291.2	3029150.4			PCT/US2001/000303	95/04864	95917603.3	93302210.5	94303248.2	11250273.7		94301922.4	15178599.5	Application Number
5/30/2001 2/12/1997	12/31/2008	4/25/2007	5/18/2005	6/14/2006	12/20/2017		7/9/1997	5/28/1997	8/12/1992		4/22/2009	6/4/2014	1/4/2017		9/23/2009	7/31/2002		7/25/2018	11/29/2006					2/21/2001	5/13/1998	8/13/1997	5/2/2018		11/21/2001	11/8/2017	Grant Date
620450 567346	1835321	1566679	1566678	1391766	2166325		583048	583047	308504		1593258	2372341	2840071		907883	744665		2781940	1445495					710407	562829	623833	2372345		616439	2980451	Patent No.
																															Originating

Exhibit 3.8 - Page 2 of 2

PATENT REEL: 053680 FRAME: 0808

RECORDED: 09/02/2020