

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7429635

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

**CONVEYING PARTY DATA**

Name	Execution Date
COMMSCOPE TECHNOLOGIES LLC	06/28/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	BISON PATENT LICENSING, LLC
<b>Street Address:</b>	5282 FOREST SPRINGS DRIVE
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30338

**PROPERTY NUMBERS Total: 259**

Property Type	Number
Application Number:	61441118
Patent Number:	9693333
Patent Number:	10085230
Application Number:	16128004
Patent Number:	8260105
Patent Number:	7272291
Patent Number:	7463810
Patent Number:	7684669
Application Number:	60933562
Patent Number:	7567744
Patent Number:	8150229
Application Number:	61622820
Patent Number:	9217828
Application Number:	14941030
Application Number:	60898577
Patent Number:	7668432
Application Number:	61382958
Patent Number:	8812728
Patent Number:	7310471
Patent Number:	7421182

PATENT

Property Type	Number
Patent Number:	7764858
Patent Number:	7330628
Patent Number:	7526173
Patent Number:	7715683
Application Number:	60756605
Patent Number:	7308183
Patent Number:	8290329
Application Number:	61470811
Patent Number:	8827571
Patent Number:	9678282
Patent Number:	7397996
Patent Number:	7599599
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Patent Number:	8041175
Patent Number:	8483536
Application Number:	61072184
Application Number:	61126672
Patent Number:	7764859
Patent Number:	8155494
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Patent Number:	7167628
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Patent Number:	7756383
Application Number:	61103108
Patent Number:	8573855
Application Number:	61197564
Patent Number:	8315497
Application Number:	60691228
Patent Number:	7636507
Patent Number:	8086085
Application Number:	13336358
Application Number:	61526983
Patent Number:	9081164
Patent Number:	8676010
Patent Number:	9058921
Patent Number:	9472322
Application Number:	15295508

<b>Property Type</b>	<b>Number</b>
Patent Number:	7271342
Patent Number:	7592550
Application Number:	12586429
Patent Number:	8160609
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Patent Number:	8380222
Patent Number:	8090384
Patent Number:	8380220
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Patent Number:	8320264
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Patent Number:	7822312
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Patent Number:	9778433
Application Number:	61969529
Patent Number:	9728909
Patent Number:	9660397
Application Number:	61790127
Patent Number:	9435975
Patent Number:	9952398
Patent Number:	10473875
Application Number:	61544939
Patent Number:	9002166
Application Number:	61295929
Patent Number:	8498510
Application Number:	61264474
Patent Number:	8515234
Application Number:	61145020

<b>Property Type</b>	<b>Number</b>
Patent Number:	8494329
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Patent Number:	8452151
Application Number:	61046678
Application Number:	61058814
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Patent Number:	7607938
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Patent Number:	7457504
Patent Number:	7620288
Patent Number:	8019191
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Patent Number:	7330626
Patent Number:	7657148
Patent Number:	7869684
Patent Number:	7352945
Patent Number:	7574093
Patent Number:	7333320
Patent Number:	7633742
Patent Number:	7677400
Patent Number:	8899424
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Patent Number:	8489122
Patent Number:	8774134
Patent Number:	8062049
Patent Number:	7967644

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Patent Number:	8287316
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Patent Number:	8632368
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Patent Number:	9787015
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Patent Number:	7412147
Patent Number:	7587116
Application Number:	62167421
Patent Number:	9742496
Patent Number:	10075244
Application Number:	62219812
Patent Number:	10158435
Patent Number:	7148746
Application Number:	60430435
Patent Number:	7103377
Patent Number:	7539509
Application Number:	60906786
Patent Number:	7556437
Patent Number:	7572148
Patent Number:	7575482
Application Number:	60953376
Patent Number:	7612300
Patent Number:	8330042
Patent Number:	7612653
Application Number:	60953368
Patent Number:	7615710
Application Number:	60816055
Patent Number:	7627221
Patent Number:	8363996
Patent Number:	7271344
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Patent Number:	7641521
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Patent Number:	7672359
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Patent Number:	7676134
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Application Number:	13089905
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Patent Number:	7729620
Application Number:	60970129
Patent Number:	7744287
Patent Number:	8272787
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Patent Number:	8315648
Patent Number:	8073463
Patent Number:	8331956
Patent Number:	8554248
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Patent Number:	8457562
Patent Number:	7603093
Application Number:	61072186
Patent Number:	7978951
Patent Number:	8494330
Application Number:	61119114
Patent Number:	8497813
Application Number:	61485149
Patent Number:	8537041
Application Number:	61322095
Patent Number:	8559485
Patent Number:	8583100
Application Number:	61411771
Patent Number:	8654321
Application Number:	61485161
Patent Number:	8660207
Patent Number:	8674788

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<b>Application Number:</b>	61485143
<b>Patent Number:</b>	8711976
<b>Application Number:</b>	61300689
<b>Patent Number:</b>	8801296
<b>Application Number:</b>	14456667
<b>Patent Number:</b>	8897813
<b>Patent Number:</b>	8909278
<b>Patent Number:</b>	9001811
<b>Application Number:</b>	62015956
<b>Patent Number:</b>	9395509
<b>Application Number:</b>	15213021
<b>Application Number:</b>	61944341
<b>Patent Number:</b>	9575274
<b>Application Number:</b>	61496163
<b>Patent Number:</b>	9715001
<b>Application Number:</b>	61133983
<b>Patent Number:</b>	8022302
<b>Patent Number:</b>	8641844
<b>Application Number:</b>	14151463
<b>Patent Number:</b>	9870846
<b>Application Number:</b>	15872513
<b>Patent Number:</b>	8331953
<b>Application Number:</b>	60570067
<b>Application Number:</b>	60570082
<b>Patent Number:</b>	8045917
<b>Patent Number:</b>	7831200
<b>Application Number:</b>	61293502
<b>Patent Number:</b>	8331954
<b>Patent Number:</b>	8170473
<b>Patent Number:</b>	9331798
<b>Application Number:</b>	12986452
<b>Patent Number:</b>	8838019
<b>Patent Number:</b>	8385819
<b>Application Number:</b>	15970843
<b>Application Number:</b>	61194085
<b>Patent Number:</b>	8526774
<b>Application Number:</b>	60698527
<b>Patent Number:</b>	7630327

Property Type	Number
Application Number:	61056462
Patent Number:	8391658
Patent Number:	9046658
Patent Number:	9678290
Application Number:	15617369
Application Number:	61442619
Application Number:	61586362
Patent Number:	9739966
Application Number:	15681496
Patent Number:	8503342
Application Number:	13959472

**CORRESPONDENCE DATA**

**Fax Number:** (612)339-6580

*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.*

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**Address Line 4:** MINNEAPOLIS, MINNESOTA 55415

**NAME OF SUBMITTER:** IAN MACKINNON

**SIGNATURE:** /Ian MacKinnon/

**DATE SIGNED:** 07/13/2022

**Total Attachments: 10**

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## ASSIGNMENT

This Assignment (the "Assignment") is made and entered into this 28th day of June, 2022 (the "Execution Date"), by CommScope Technologies LLC, a company formed under the laws of the State of Delaware, having its address at 1100 CommScope Place SE, Hickory, NC 28602 ("Assignor") and Bison Patent Licensing, LLC, a limited liability company formed under the laws of the State of Georgia, having its principal office at 5282 Forest Springs Drive, Atlanta, GA 30338 ("Assignee").

## RECITALS

- A. Assignor is the owner of the patents as set forth on Appendix A hereto (the "Patents").
- B. Assignor and Assignee have agreed by way of a purchase agreement (the "Purchase Agreement") dated June 28, 2022, by and between Assignor and Assignee, that Assignor shall sell, transfer, and assign and set over unto Assignee and Assignee shall accept, all rights, title and interest in and to the Patents as specified in this Agreement.

## AGREEMENT

NOW, THEREFORE, in consideration of the foregoing premises, and the covenants and agreements in this Assignment, Assignor and Assignee agree as follows:

1. Assignor does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, privilege, title and interest in, to and under the Patents and in the case of patent applications in and to any patents that may issue therefrom, including, in all instances, any counterparts of any of the foregoing in any jurisdiction throughout the world, and any and all divisions, continuations, reissues or reexaminations of any of the foregoing, and, further, all applications for industrial property protection, including without limitation, all applications for patents, utility models, copyright, and designs which may hereafter be filed for any inventions described in said Patents in any country or countries, together with the right to file such applications and the right to claim for the same the priority rights derived from the inventions and the Patents under the laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, in each instance 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 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 all claims for damages, information, rendering of accounts, destruction of infringing goods, payments, royalties, income or other remuneration (hereinafter "Damages") now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) by reason of past, present and future infringements of the Patents or other rights being assigned hereunder, along with the right to sue for, counterclaim, recover and collect such Damages for the use and benefit of Assignee and its successors, assigns and other legal representatives. Assignee hereby accepts this assignment.

2. Insofar as this assignment concerns European patents and patent applications, Assignor does hereby declare that it is the owner of said Patents and that Assignor has assigned same, along with all rights and duties appurtenant thereto, to Assignee and agree that the assignment will be recorded in the register with the

European Patent Office and/or national patent offices; and Assignee hereby declares that Assignee has agreed to the assignment of the aforementioned Patents to it and that Assignee will simultaneously apply for recording of the assignment in the register with the European Patent Office and/or national patent offices.

3. Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.


4. Assignor authorizes and empowers Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and to invoke and claim such right of priority without further written or oral authorization from Assignor.

5. Assignor hereby acknowledges and agrees that all of the rights, title and interest in and to the Patents sold, transferred, assigned and set over to Assignee hereunder include all income, royalties, damages, information claims, claims for rendering of accounts, claims for destruction of infringing goods, and payments now or hereafter due or payable with respect thereto, and all causes of action (whether in law or equity) and the right to sue, counterclaim, and recover for the past, present and future infringement of the rights assigned or to be assigned hereunder.

6. Assignor hereby consents that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document that may be required in any country for any purpose and more particularly in proof of the right of Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

IN WITNESS WHEREOF, the Parties have executed this Assignment as of the date first written above.

Assignor: CommScope Technologies LLC

By:   
Michael Ouyang [Jun 25, 2022 10:54 CDT]

Name: Michael Ouyang

Title: Vice President

Assignee: Bison Patent Licensing, LLC

By:   
Charles D. Graham [Jun 28, 2022 13:28 EDT]

Name: Charles D. Graham

Title: Organizer

APPENDIX A THE PATENTS

Country	Filing Date	App Number	Pub Date	Pub Number	Iss Date	Pat Number
US	2/9/2011	61/441118				
US	2/9/2012	13/984463	5/8/2015	US2015/0148055	6/27/2017	9693333
US	5/24/2017	15/603514	9/7/2017	US20170257839	9/25/2018	10085230
US	9/11/2018	16/128004	8/22/2019	US 2019/0261300		
US	10/28/2009	12/607653	7/8/2010	US 2010/0172621 A1	9/4/2012	8260105
US	8/25/2005	11/212492	3/1/2007	20070047892	9/18/2007	7272291
US	8/10/2007	11/891403	11/29/2007	20070274662	12/9/2008	7463810
US	11/19/2008	12/313510	5/28/2009	20090136185	3/23/2010	7684669
US	6/6/2007	60/933562				
US	4/8/2008	12/082299	12/11/2008	20080304803	7/28/2009	7567744
US	7/9/2009	12/460034	1/21/2010	20100014823	4/3/2012	8150229
US	4/11/2012	61/622820				
US	4/9/2013	13/859553	11/7/2013	20130294733	12/22/2015	9217828
US	11/13/2015	14/941030				
US	1/31/2007	60/898577				
US	1/22/2008	12/017562	7/31/2008	2008/0181570 A1	2/23/2010	7668432
US	9/15/2010	61/382958				
US	9/14/2011	13/232292	3/15/2012	20120066365	8/19/2014	8812728
US	8/25/2005	11/212470	3/1/2007	20070047891	12/18/2007	7310471
US	12/14/2007	12/002327	7/31/2008	20080181569	9/2/2008	7421182
US	8/29/2008	12/231313	3/19/2009	20090074371	7/27/2010	7764858
US	10/23/2006	11/585327			2/12/2008	7330628
US	2/11/2008	12/029245	6/5/2008	20080131069	4/28/2009	7526173
US	3/25/2009	12/411109	7/23/2009	20090185783	5/11/2010	7715683
US	1/4/2006	60/756605				
US	1/19/2006	11/335193	7/5/2007	20070154159	12/11/2007	7308183
US	10/31/2007	11/931707	11/13/2008	20080277537	10/16/2012	8290329
US	4/1/2011	61/470811				
US	3/14/2012	13/420276	10/4/2012	2012/0251067	9/9/2014	8827571
US	9/4/2014	14/476942	12/18/2014	20140369649	6/13/2017	9678282
US	8/2/2005	11/196523	2/8/2007	20070031099	7/8/2008	7397996
US	6/9/2008	12/157395	10/9/2008	20080247723	10/6/2009	7599599
US	9/22/2009	12/586538				
US	5/5/2008	61/126653				
US	3/6/2009	12/381155	11/5/2009	20090274429	10/18/2011	8041175
US	10/17/2011	13/275042	11/1/2012	20120275754	7/9/2013	8483536
US	3/28/2008	61/072184				
US	5/5/2008	61/126672				
US	3/6/2009	12/381160	10/1/2009	20090245746	7/27/2010	7764859
US	6/29/2010	12/803619	12/16/2010	20100316346	4/10/2012	8155494

Country	Filing Date	App Number	Pub Date	Pub Number	Iss Date	Pat Number
US	4/10/2012	13/443410	2/14/2013	20130039629	4/22/2014	8705927
US	12/13/2004	11/010460	6/15/2006	20060127028	1/23/2007	7167628
US	12/8/2006	11/636372	8/2/2007	20070177843	4/1/2008	7352948
US	3/31/2008	12/080252	1/15/2009	20090016684	7/13/2010	7756383
US	10/6/2008	61/103108				
US	10/5/2009	12/573696	4/15/2010	20100092136	11/5/2013	8573855
US	10/27/2008	61/197564				
US	10/26/2009	12/590498	5/27/2010	20100129039	11/20/2012	8315497
US	6/17/2005	60/691228				
US	8/30/2005	11/213772	12/21/2006	20060285807	12/22/2009	7636507
US	12/22/2009	12/645086	1/6/2011	20110002591	12/27/2011	8086085
US	12/23/2011	13/336358				
US	8/24/2011	61/526983				
US	8/24/2012	13/594474	7/4/2013	20130170810	7/14/2015	9081164
US	7/6/2011	13/177318	1/10/2013	2013/0011106	3/18/2014	8676010
US	3/17/2014	14/216035	11/20/2014	2014/0341517	6/16/2015	9058921
US	6/15/2015	14/739288	4/21/2016	20160111186	10/18/2016	9472322
US	10/17/2016	15/295508				
US	12/22/2005	11/318350	6/28/2007	20070144762	9/18/2007	7271342
US	8/10/2007	11/891655	5/22/2008	20080115958	9/22/2009	7592550
US	9/21/2009	12/586429				
US	11/26/2008	12/292821	5/27/2010	20100130225	4/17/2012	8160609
US	3/18/2011	13/051911	7/14/2011	20110170444	8/21/2012	8249622
US	2/14/2012	13/396281	6/7/2012	US20120142375	2/19/2013	8380222
US	1/31/2008	12/023841	9/4/2008	20080214205	1/3/2012	8090384
US	11/22/2011	13/302754	11/29/2012	20120302252	2/19/2013	8380220
US	5/17/2006	11/434754	11/23/2006	20060262731	9/28/2010	7804786
US	12/15/2008	11/920076	6/11/2009	20090149171	11/27/2012	8320264
US	9/28/2009	11/920075	1/28/2010	20100020701	9/10/2013	8532024
US	11/28/2006	60/861750				
US	3/15/2007	11/725139	5/29/2008	20080124038	9/1/2009	7583885
US	7/20/2006	11/489940	1/31/2008	20080025682	11/18/2008	7454113
US	10/28/2008	12/290233	5/28/2009	20090136194	3/1/2011	7899297
US	1/20/2011	12/931047	8/25/2011	20110206337	3/4/2014	8666215
US	12/28/2005	11/321696	6/28/2007	20070147765	7/17/2007	7245809
US	6/13/2007	11/762300	5/29/2008	20080124039	4/28/2009	7526172
US	4/7/2009	12/419838	2/25/2010	20100046905	10/26/2010	7822312
US	10/26/2010	12/911870				
US	6/21/2005	11/157561	12/21/2006	20060283619	2/17/2009	7492996
US	2/11/2009	12/369126	3/11/2010	20100061685	9/20/2011	8023793
US	10/27/2014	62/069079				
US	10/27/2015	14/924365	4/28/2016	20160116697	10/3/2017	9778433

Country	Filing Date	App Number	Pub Date	Pub Number	Iss Date	Pat Number
US	3/24/2014	61/969529				
US	3/24/2015	14/667586	9/24/2015	20150270654	8/8/2017	9728909
US	3/24/2015	14/667578	9/24/2015	2015 0270637	5/23/2017	9660397
US	3/15/2013	61/790127				
US	3/14/2014	14/213077	9/18/2014	20140270676	9/6/2016	9435975
US	9/2/2016	15/256167	5/11/2017	20170131502	4/24/2018	9952398
US	4/20/2018	15/958618	10/25/2018	20180306996	11/12/2019	10473875
US	10/7/2011	61/544939				
US	10/5/2012	13/645653	4/11/2013	20130089297	4/7/2015	9002166
US	1/18/2010	61/295929				
US	1/13/2011	13/006189	7/28/2011	20110181158	7/30/2013	8498510
US	11/25/2009	61/264474				
US	11/24/2010	12/953781	6/30/2011	20110158598	8/20/2013	8515234
US	1/15/2009	61/145020				
US	1/15/2010	12/688688	1/27/2011	20110019964	7/23/2013	8494329
US	1/14/2009	61/144585				
US	1/14/2010	12/687654	7/15/2010	20100178022	5/28/2013	8452151
US	4/21/2008	61/046678				
US	6/4/2008	61/058814				
US	1/28/2009	61/147933				
US	4/16/2009	12/425241	11/26/2009	20090290842	8/30/2011	8009954
US	8/19/2011	13/213560	12/8/2011	20110299823	10/8/2013	8554044
US	8/2/2007	11/888913	2/5/2009	20090034929	9/15/2009	7590328
US	8/18/2009	12/542951	5/6/2010	20100111483	5/24/2011	7949221
US	3/9/2007	11/716392	9/11/2008	20080219632	3/24/2009	7509016
US	3/6/2009	12/381163	9/24/2009	20090238532	10/12/2010	7813612
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