

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4856283

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
COMMSCOPE TECHNOLOGIES LLC		11/21/2017
RECEIVING PARTY DATA		
Name:	DIFF SCALE OPERATION RESEARCH LLC	
Street Address:	2140 S DUPONT HIGHWAY	
City:	CAMDEN	
State/Country:	DELAWARE	
Postal Code:	19934	
PROPERTY NUMBERS Total: 22		
Property Type	Number	
Patent Number:	5986486	
Patent Number:	6008734	
Patent Number:	6157646	
Patent Number:	6216166	
Patent Number:	6233221	
Patent Number:	6363073	
Patent Number:	6407983	
Patent Number:	6433988	
Patent Number:	6664827	
Patent Number:	6721328	
Patent Number:	6757247	
Patent Number:	6847609	
Patent Number:	6859430	
Patent Number:	6940810	
Patent Number:	6959006	
Patent Number:	7106758	
Patent Number:	7881413	
Patent Number:	8121455	
Application Number:	12528688	
Application Number:	11530618	

PATENT

Property Type	Number
Application Number:	09865216
Application Number:	10133263

CORRESPONDENCE DATA

Fax Number:

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.

Email: dph@bergerhipskind.com

Correspondent Name: DANIEL P HIPSKIND

Address Line 1: 9538 BRIGHTON WAY

Address Line 2: SUITE 320

Address Line 4: BEVERLY HILLS, CALIFORNIA 90210

NAME OF SUBMITTER:	DANIEL P HIPSKIND
SIGNATURE:	/Daniel P Hipskind/
DATE SIGNED:	03/08/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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EXHIBIT A – PATENT ASSIGNMENT

WHEREAS, CommScope Technologies LLC, hereinafter called the “Assignor,” is the owner by respective Assignment of the patents and patent applications shown below in **SCHEDULE A1**, hereinafter “the Patents of Schedule A1”;

WHEREAS, DIFF Scale Operation Research, LLC, a limited liability company organized and existing under the laws of the State of Delaware, hereinafter called the “Assignee,” desires to acquire the entire right, title and interest in and to the invention described in the Patents of Schedule A1, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignor hereby sells, assigns, and transfers the entire right, title and interest to the Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in vesting in the Assignee exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall reimburse the Assignor for all reasonable and necessary costs and expenses associated therewith.

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 11/21/12

COMMScope TECHNOLOGIES LLC

By: Morgan C. Kirk

Name: Morgan C. Kirk

Title: CTO CommScope

SCHEDULE A1
PATENTS OWNED BY COMMScope TECHNOLOGIES LLC

Asset Number in Listing	Patent No. Application No., or Publication No.	Owner
1	AT519138T	CommScope Technologies LLC
2	AU199914551A	CommScope Technologies LLC
3	AU199923274A	CommScope Technologies LLC
4	AU199923353A	CommScope Technologies LLC
5	AU200134402A	CommScope Technologies LLC
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10		
11	CN1289489A	CommScope Technologies LLC
12	CN1291414A	CommScope Technologies LLC
13	DE102007010863A1	CommScope Technologies LLC
14	DE102007010863B4	CommScope Technologies LLC
15	DE102007032186A1	CommScope Technologies LLC
16	DE202007008151U1	CommScope Technologies LLC
17	DK2132589T3	CommScope Technologies LLC
18	EP1031185A1	CommScope Technologies LLC
19	EP1050125A1	CommScope Technologies LLC
20	EP1057361A1	CommScope Technologies LLC
21		
22		
23	EP2132589A1	CommScope Technologies LLC
24	EP2132589B1	CommScope Technologies LLC
25	ES2368361T3	CommScope Technologies LLC
26	JP03811007B2	CommScope Technologies LLC
27	JP2001523059A	CommScope Technologies LLC
28	JP2002502146A	CommScope Technologies LLC
29	JP2002504793A	CommScope Technologies LLC
30	JP3811007B2	CommScope Technologies LLC
31	US20010000071A1	CommScope Technologies LLC
32		
33	US20020163886A1	CommScope Technologies LLC
34	US20020176411A1	CommScope Technologies LLC
35	US20020180498A1	CommScope Technologies LLC
36	US20020190764A1	CommScope Technologies LLC
37	US20030063625A1	CommScope Technologies LLC
38		

39	US20070019686A1	CommScope Technologies LLC
40	US20100061686A1	CommScope Technologies LLC
41	US20100150515A1	CommScope Technologies LLC
42	US5986486A	CommScope Technologies LLC
43	US6008734A	CommScope Technologies LLC
44	US6157646A	CommScope Technologies LLC
45	US6216166B1	CommScope Technologies LLC
46	US6233221B1	CommScope Technologies LLC
47	US6363073B2	CommScope Technologies LLC
48	US6407983B1	CommScope Technologies LLC
49	US6433988B1	CommScope Technologies LLC
50	US6664827B2	CommScope Technologies LLC
51	US6721328B1	CommScope Technologies LLC
52	US6757247B1	CommScope Technologies LLC
53	US6847609B1	CommScope Technologies LLC
54	US6859430B1	CommScope Technologies LLC
55	US6940810B1	CommScope Technologies LLC
56	US6959006B1	CommScope Technologies LLC
57	US6980565B2	CommScope Technologies LLC
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59	US7106758B2	CommScope Technologies LLC
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62	US7881413B2	CommScope Technologies LLC
63	US8121455B2	CommScope Technologies LLC
64	WO1999025066A1	CommScope Technologies LLC
65	WO1999038285A1	CommScope Technologies LLC
66	WO1999043184A1	CommScope Technologies LLC
67	WO2001037468A2	CommScope Technologies LLC
68	WO2001037468A3	CommScope Technologies LLC
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71		
72	WO2008104282A1	CommScope Technologies LLC
73	WO2008104284A1	CommScope Technologies LLC