

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4477548

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TE CONNECTIVITY NEDERLAND BV	08/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMMSCOPE ASIA HOLDINGS B.V.
<b>Street Address:</b>	OLMENLAAN 26
<b>City:</b>	DG BUSSUM
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	1404
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13780859
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)332-9081
<i>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.</i>	
<b>Phone:</b>	6123325300
<b>Email:</b>	rkrueger@merchantgould.com
<b>Correspondent Name:</b>	JULIE K. SKOGE
<b>Address Line 1:</b>	80 SOUTH 8TH STREET
<b>Address Line 2:</b>	3200 IDS CENTER
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	02316.2748USU1
<b>NAME OF SUBMITTER:</b>	JULIE K. SKOGE
<b>SIGNATURE:</b>	/Julie K. Skoge/
<b>DATE SIGNED:</b>	06/26/2017
<b>Total Attachments: 8</b>	
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**PATENT ASSIGNMENT AGREEMENT**

This PATENT ASSIGNMENT AGREEMENT (the "Assignment"), effective as of August 28, 2015 (the "Effective Date"), is entered into by and between TE Connectivity Nederland BV, a private limited liability company under Dutch Law, having its official seat in 's-Hertogenbosch, its office address at Rietveldenweg 32, 5222 AR 's-Hertogenbosch and registered in the Dutch Commercial Register under number 16015883 ("Assignor") and CommScope Asia Holdings B.V., a private limited liability company organized under the laws of the Netherlands having an address at Olmenlaan 26, 1404 DG Bussum, The Netherlands ("Assignee"). Capitalized terms used but not defined herein shall have the meaning set forth in the Purchase Agreement (defined below).

**RECITALS**

**WHEREAS**, TE Connectivity Ltd., a Swiss Corporation (the "Seller"), CommScope Holding Company, Inc., a Delaware corporation ("Holdings") and CommScope, Inc., a Delaware corporation (the "Purchaser") have entered into a Stock and Asset Purchase Agreement dated as of January 27, 2015 (the "Purchase Agreement");

**WHEREAS**, pursuant to Section 2.11(b) and (c) of the Purchase Agreement, the Seller and the Purchaser have agreed to enter into an agreement pursuant to which certain Patents owned by the Seller or other Asset Selling Entities are assigned to the Purchaser or its Permitted Designees;

**WHEREAS**, Assignor owns the Patents set forth on Schedule 1 hereto ("Assigned Patents") and desires to assign, convey, transfer, deliver and vest all of its right, title and interests in and to the Assigned Patents for all jurisdictions throughout the world, including all countries and political entities, to and in Assignee;

**WHEREAS**, Assignee desires to accept from Assignor the Assigned Patents.

**NOW, THEREFORE**, for good and valuable consideration provided for in the Purchase Agreement, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Assignment. Assignor hereby irrevocably assigns, conveys, transfers and delivers to Assignee, and Assignee hereby accepts, all of Assignor's entire, worldwide (for all jurisdictions throughout the world, including all countries and political entities) right, title and interest in and to the Assigned Patents, together with all corresponding counterpart patents and patent applications thereof, and including all continuation, divisional, continuation-in-part, continued prosecution applications, and provisional applications, any patents or reissued or re-examined patents resulting from any of the foregoing in any jurisdiction and any extensions thereof, and the priority rights thereto for all jurisdictions, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all income, royalties or payments due,

accrued, or payable as of the Effective Date or thereafter, including, without limitation, any and all claims or causes of action for profits and damages by reason of past, present or future infringement or other unauthorized use of any of the Assigned Patents, with the right to enforce and sue for, and recover or collect the same for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives.

2. Governing Law. This Assignment shall be governed by and construed in accordance with the Laws of the State of Delaware, without regard to the conflicts of law principles of such state.

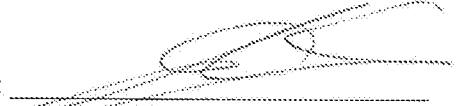
3. Successors and Assigns. This Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

4. Counterparts. This Assignment may be executed in one or more counterparts and delivered via facsimile, pdf, or other electronic means, each of which shall be deemed an original as against the party that signed it and all of which shall together constitute one and the same agreement, and shall become effective when one or more counterparts have been signed by each of the Parties and delivered to the other Party, it being understood that all Parties need not sign the same counterpart.

5. Further Assurances. Assignor agrees that from time to time, at the reasonable request of Assignee and at Assignee's expense, Assignor shall execute and deliver such other documents and take such other actions as Assignee may reasonably request to effectuate Assignor's assignment, transfer, and conveyance of the Assigned Patents of this Assignment and the transactions contemplated by this Assignment (including any documentation to perfect and record the rights granted hereunder in the Assigned Patents in any jurisdiction through the world). Assignor acknowledges and agrees that Assignee may perfect and record this Assignment or such other documentation in any jurisdiction throughout the world, and that Assignor shall cooperate therewith. The Assignee hereby requests and the Assignor hereby grants to the Assignee and its legal representatives all rights necessary to record this Assignment or such other documentation with the United States Patent and Trademark Office and any similar intellectual property office or government agency in any jurisdiction throughout the world. Assignor does hereby make, constitute and appoint Assignee (and any officer or agent of Assignee as Assignee may select in its exclusive discretion) as Assignor's true and lawful attorney-in-fact, with the power to endorse Assignor's name on all applications, documents, papers and instruments solely as necessary to implement and effect fully the express intentions, purposes and provisions of this Assignment, including, but not limited to, the filing of any instrument of assignment and documents related thereto to effect such assignment in the United States Patent and Trademark Office and other patent offices and intellectual property governmental offices in any jurisdiction throughout the world; provided, however, that Assignee shall only be entitled to exercise its rights under this power of attorney with respect to any of the foregoing actions to the extent that Assignor has failed to take such action at the request of Assignee and following ten (10) days prior written notice to Assignor of the exercise of such rights. This power of attorney shall be irrevocable.

IN WITNESS WHEREOF, the parties hereto have executed or caused this Assignment to be executed as of the date first set forth above.

**TE CONNECTIVITY NEDERLAND B.V.**

By:   
Name: Eric Leijtens  
Title: Managing Director

ASSIGNEE:

COMMSCOPE ASIA HOLDINGS B.V.

By:   
Name: Frank B. Wyatt,   
Title: Authorized Signatory

**SCHEDULE 1**

**ASSIGNED PATENTS**

**SEE ATTACHED.**

DocId #	Country	Applicant #	Filing Date	Publication #	Publication Date	Pubnt #	Issue Date	Title
TY-00064	US	12/872391	31-Aug-10	2012/0051697	01-Mar-12			Ferrule with Protruding Fibers
TY-00064	US	14/336309	21-Jul-14					FERRULE WITH PROTRUDING FIBERS
NT-00416	US							
NT-00417	US							
NT-00418	US							
NT-00419	US							
NT-00420	US							
NT-00378	US	13/629235	14-Mar-13	2013/0272656	17-Oct-13			Multi-Mode Multi-Fiber Connection with Expanded Beam
NT-00380	US	13/629473	14-Mar-13	2013/0272655	17-Oct-13			Wavelength Insensitive Expanded Beam with Grin Fiber
TY-00149	US							
NT-00372	US	13/912778	07-Jun-13	2014/0002992	02-Jan-14			High Density Telecommunications Systems with Cable Management and Heat Dissipation Features
TO-00794	US	82/027025	21-Jul-14					Fiber Optic Connector and Fiber Optic Cable Assembly with Fiber Optic Cable Anchored to Back of Fiber Optic Connector
TO-00826	US	82/086021	01-Dec-14					Hybrid Electrical Optical Connector with Spring-Loaded Electrical Contacts at a Contact Face
TO-00794	US	82/092064	15-Dec-14					Fiber Optic Connector and Fiber Optic Cable Assembly with Fiber Optic Cable Anchored to Back of Fiber Optic Connector
NT-00373	US	13/780859	28-Feb-13	2013/0230283	05-Sep-13			Keying for MPO Systems
TY-00070	US	13/023561	09-Feb-11	2012/0201498	06-Aug-12	8685300	19-Nov-13	Ferrule with Alignment Pin Channels
E-CC-00728	US	12/737124	10-Dec-10	2011/0091169	21-Apr-11	8571387	29-Oct-13	Fiber Optic Furcation Assembly
TY-00112	US	13/949119	12-Jan-12	2013/0183030	18-Jul-13			System for Testing of Optical Network
NT-00405	US	14/045509	03-Oct-13					Flexible Optical Circuit, Cassettes, and Methods
TY-00057	US	12/725864	17-Mar-10	2011/0228259	22-Sep-11	8699012	15-Apr-14	Optical Fiber Alignment Measurement Method and Apparatus
NT-00405	US	81/710519	05-Oct-12					Flexible Optical Circuit, Cassettes, and Methods
NT-00378	US	81/622794	11-Apr-12					Multi-Mode Multi-Fiber Connection with Expanded Beam
NT-00380	US	81/622801	11-Apr-12					Graded Index Connection for High-Power Optical Fibers
NT-00373	US	81/605498	01-Mar-12					Keying for MPO Systems
TO-00760	US	82/015105	20-Jun-14					Low Loss Hardened Fiber Optic Connector
NT-00373	JP	2014-580036	28-Feb-13	2015-511727	20-Apr-15			Keying for MPO Systems
NT-00423	WO	PCT/EP2014/061652	05-Jun-14	WO2014/195470	11-Dec-14			Support Frame for Structured Cabling
NT-00373	CA	2888107	28-Feb-13					Keying for MPO Systems
E-CC-00763	DE	08015025.3	28-Aug-08	2159612	03-Mar-10	602006025 534.4	28-Jun-13	Connector for Optical Fiber Cable
E-CC-00763	FR	08015025.3	28-Aug-08	2159612	03-Mar-10	2159612	28-Jun-13	Connector for Optical Fiber Cable
E-CC-00763	GB	08015025.3	28-Aug-08	2159612	03-Mar-10	2159612	28-Jun-13	Connector for Optical Fiber Cable
E-CC-00763	IT	08015025.3	28-Aug-08	2159612	03-Mar-10	2159612	28-Jun-13	Connector for Optical Fiber Cable
E-CC-00728	EP	06761574.4	18-May-09	2294466	16-Mar-11			Fibre Optic Furcation Assembly
TY-00084	EP	11756275.9	23-Aug-11					Ferrule with Protruding Fibers



TY-00070	EP	12153730.2	02-Feb-12	2487516	15-Aug-12		Ferule with Alignment Pin Channels
NT-00380	EP	13715201.3	08-Apr-13	2838684	18-Feb-15		Wavelength Insensitive Expanded Beam with Grin Fiber
NT-00378	EP	13715955.4	08-Apr-13	2838663	18-Feb-15		Multi-Mode Multi-Fiber Connection with Expanded Beam
NT-00373	EP	13754483.9	28-Feb-13	2820458	07-Jan-15		Keying for MPO Systems
TY-00084	AU	2011296558	23-Aug-11				Ferule with Protruding Fibers
E-CC-00728	CN	200880121902.8	18-May-09	102857310	11-May-11	ZL200880121902.8	Fibre Optic Furcation Assembly
TY-00057	CN	201160024691.3	11-Mar-11	102939554A	20-Feb-13		Optical Fiber Alignment Measurement Method and Apparatus
TY-00084	CN	201160041823.3	23-Aug-11	103060799A	01-May-13		Ferule with Protruding Fibers
TY-00070	CN	201210024861.4	06-Feb-12	102836845	15-Aug-12		Ferule with Alignment Pin Channels
NT-00373	CN	201380019243.3	28-Feb-13				Keying for MPO Systems
NT-00378	CN	201380024450.8	08-Apr-13				Multi-Mode Multi-Fiber Connection with Expanded Beam
NT-00380	CN	201380024546.4	08-Apr-13				Wavelength Insensitive Expanded Beam with Grin Fiber
CS-01257	DE	202010009146.2	16-Jun-10			202010009146.2	Connection Device and Connection System
E-CC-00728	JP	2011-512913	03-Dec-10			5288124	Fibre Optic Furcation Assembly
TY-00057	JP	2013-500045	11-Mar-12				Optical Fiber Alignment Measurement Method and Apparatus
TY-00084	IN	830DELNP/2013	23-Aug-11				Ferule with Protruding Fibers
TY-00112	WO	EP2013/050396	10-Jan-13	WO2013/104711	18-Jul-13		System for Testing of Optical Network
NT-00380	WO	EP2013/057310	08-Apr-13	WO2013/153032	17-Oct-13		Wavelength Insensitive Expanded Beam with Grin Fiber
NT-00378	WO	EP2013/057321	08-Apr-13	WO2013/15303	17-Oct-13		Multi-Mode Multi-Fiber Connection with Expanded Beam
TY-00084	MX	MX/a/2013/002415	23-Aug-11				Ferule with Protruding Fibers
NT-00373	MX	MX/a/2014/010431	28-Feb-13				Keying for MPO Systems
NT-00405	WO	PCT/US2013/053447	04-Oct-13	WO2014/055859	10-Apr-14		Flexible Optical Circuit, Cassettes, and Methods
NT-00373	WO	US2013/028287	28-Feb-13				Keying for MPO Systems
NT-00405	EP	13843895.5	04-Oct-13				Flexible Optical Circuit, Cassettes, and Methods
TO-00797	WO	PCT/CN2014/094391	19-Dec-14				Hardened Fiber Optic Connector with Pre-compressed Spring
NT-00405	CN	201380059814.6	04-Oct-13				Flexible Optical Circuit, Cassettes, and Methods
NT-00405	JP	2015-535820	04-Oct-13				Flexible Optical Circuit, Cassettes, and Methods
E-CC-00728	WO	EP2009/056014	18-May-09	WO2009/150011	17-Dec-09		Fibre Optic Furcation Assembly
TY-00057	WO	US2011/004658	11-Mar-11	WO2011/115663	22-Sep-11		Optical Fiber Alignment Measurement Method and Apparatus
E-CC-00763	EP	08015025.3	25-Aug-08	2159612	03-Mar-10	2159612	Connector for Optical Fiber Cable
TY-00084	WO	US2011/014479	23-Aug-11	WO2012/030378	08-Mar-12		Ferule with Protruding Fibers
CS-01257	WO	EP2011/059501	08-Jun-11	2011/157806	22-Dec-11		Connection Device and Connection System
E-CC-00728	EP	08010508.3	10-Jun-08				Fiber Optic Furcation Assembly
TY-00057	EP						Optical Fiber Alignment Measurement Method and Apparatus
2318.4317	US	62/114,388	10-Feb-15				FLEXIBLE CABLE INTERFACE DEVICE

2316.3554	US	14/432,013	27-Mar-15	WO 2014/052441	03-Apr-2014		FIBER OPTIC CASSETTE
2316.3555	US	14/432,038	27-Mar-15	WO 2014/052448	03-Apr-2014		MANUFACTURE AND TESTING OF FIBER OPTIC CASSETTE
2316.3820	US						Etched flux compliant modal conditioning through the use of reduced-core multi-mode fiber
2316.3821	US						ENCIRCLED FLUX EQUIVALENT MEASUREMENT METHOD / SCANNER
2316.3957	US						IMPROVED MEASUREMENT METHOD FOR ANGLE END FACES
4902	US						Powerpoint LC, uniboot, second locker
2316.3722	US	14/286,013	6-Jun-14				SUPPORT FRAME FOR STRUCTURED CABLING SYSTEM
2316.4328	US	62/145,656	10-Apr-15				METHOD AND APPARATUS FOR MEASURING GUIDE PIN HOLE ANGLE OF FIBER OPTIC FERRULE
2316.3968	US	14/584,230	29-Dec-14				SEALING ENCLOSURE FOR A CONNECTOR ON A CABLE SUCH AS A STANDARDIZED FIBER-OPTIC CONNECTOR
2316.4243	US	62/077,036	7-Nov-14				DEVICES, SYSTEMS AND METHODS FOR USE IN FIBER MEASUREMENTS, SUCH AS MULTIMODE FIBER GEOMETRY MEASUREMENTS AND CORE-CLADDING FIELD MODELING
2316.4509	US	62/207,726	20-Aug-15				FERRULE ASSEMBLY WITH SACRIFICIAL OPTICAL FIBER
2316.3709	US	61/857,015	22-Jul-2013				MANUFACTURING EXPANDED BEAM FIBER OPTIC CONNECTORS
2316.3709	WO						MANUFACTURING EXPANDED BEAM FIBER OPTIC CONNECTORS
02318.4168WOU1	WO	PCT/EP2015/066377	17-Jul-15				FIBER OPTIC CONNECTOR AND FIBER OPTIC CABLE ASSEMBLY WITH FIBER OPTIC CABLE ANCHORED TO BOOT OF FIBER OPTIC CONNECTOR