505977047 03/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KLAUS GROBE	04/09/2018

RECEIVING PARTY DATA

Name:	ADVA OPTICAL NETWORKING SE		
Street Address:	MAERZENQUELLE 1-3		
City:	MEININGEN OT DREISSIGACKER		
State/Country:	GERMANY		
Postal Code:	98617		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15947766

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1406/910
NAME OF SUBMITTER:	GREGORY A. HUNT
SIGNATURE:	/Gregory A. Hunt/
DATE SIGNED:	03/20/2020

Total Attachments: 2

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PATENT 505977047 REEL: 052174 FRAME: 0216

Atty. Docket No.: 1406/910

<u>ASSIGNMENT</u>

WHEREAS, we, Klaus Grobe of Planegg, Germany; and Michael Huthart of Barlow Yorkshire, United Kingdom (hereinafter "Assignors"), have invented certain new and useful improvements in A LIFE CYCLE NETWORK MANAGEMENT SYSTEM FOR PERFORMING LIFE CYCLE AND MAINTENANCE MANAGEMENT OF DISTRIBUTED NETWORK DEVICES (hereinafter "Invention") for which application for a U.S. Patent was made on April 6, 2018 as Application Serial No. 15/947,766 (hereinafter "Application"), and claims priority to European Patent Application Patent Application No. 17165858.6 filed April 11, 2017 (hereinafter "Applications"). Assignors hereby authorize Jenkins, Wilson, Taylor & Hunt, P.A. to insert the filing date and Serial No. above.

AND, WHEREAS, ADVA Optical Networking SE, a corporation duly organized and existing under the laws of country of Germany, having its principal office and place of business at Maerzenquelle 1 – 3, Meiningen OT Dreissigacker 98617, Germany(hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention and Applications, and in and to any and all U.S. and foreign patent applications filed on the Invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Patents of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon (hereinafter, "Patents"), for the full end of the term for which said Patents may be granted, together with their right to claim the priority of the Applications in all countries in accordance with the Paris Convention, the Patent Cooperation Treaty, or other agreement or national law under which priority can be claimed, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and

PATENT REEL: 052174 FRAME: 0217 Atty. Docket No.: 1406/910

enjoyed by Assignors if this Assignment and sale had not been made. It is expressly agreed by Assignors and Assignee that this Assignment fully conveys and transfers from Assignors to Assignee the right to sue for any and all patent infringement occurring prior to the date of this Assignment.

Assignors hereby request that said Patents be issued in accordance with this Assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess the unencumbered right and authority to make this Assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to the Invention, to testify and/or assist as requested by the Assignee in any interference or legal proceedings involving the Applications, Patents, or Invention, including cooperating in any enforcement proceedings involving the Applications, Patents, or Invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the Invention in all countries and to vest in the Assignee complete title to the Invention and Patents, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

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Executed this _	 day of	<u>APA</u> Viix	2018. 1 2018.
		Kláus Grobe	3 11
Witnessed by:	3. Ao-	12016	
Name (Date		
Name	 Date		

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-2 of 3-