

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID W JENKINS	05/28/2013
JONATHAN R ABON	05/28/2013
RAMASUBRAMANIAN ANAND	05/28/2013
KENNETH M FISHER	05/29/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TELLABS OPERATIONS, INC.
<b>Street Address:</b>	1415 WEST DIEHL ROAD
<b>City:</b>	NAPERVILLE
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60563
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15727100
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	krudofski@infinera.com
<b>Correspondent Name:</b>	MERCHANT & GOULD P.C.
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<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-0903
<b>ATTORNEY DOCKET NUMBER:</b>	17886.0013USC2
<b>NAME OF SUBMITTER:</b>	KENNETH J. RUDOFSKI
<b>SIGNATURE:</b>	/Kenneth J. Rudofski/
<b>DATE SIGNED:</b>	02/24/2020
<b>Total Attachments: 1</b>	
source=Assignment#page1.tif	

**ASSIGNMENT RE NON-PROVISIONAL APPLICATION FOR ALL COUNTRIES**

FOR VALUE RECEIVED, WE, David W. Jenkins (a citizen of the U.S.A.), Jonathan R. Abon (a citizen of the U.S.A.), Ramasubramanian Anand (a citizen of India), and Kenneth M. Fisher (a citizen of the U.S.A.),

residing, respectively, at 819 Aster Court, North Aurora, IL, 60542, U.S.A.; 7918 Church Street, Morton Grove, IL 60053, U.S.A.; 24316 White Oak Drive, Plainfield, IL 60585, U.S.A.; and 32 West 629 Sheffer Road, Aurora, IL 60502, U.S.A.,

hereby sell, assign, transfer and convey unto TELLABS OPERATIONS, INC.,

a corporation of Delaware, U.S.A.,

having a place of business at 1415 West Diehl Road, Naperville, IL 60563, U.S.A.,

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to

**SYSTEM, APPARATUS, PROCEDURE, AND COMPUTER PROGRAM PRODUCT FOR  
PLANNING AND SIMULATING AN INTERNET PROTOCOL NETWORK**

and described in an application for Letters Patent of the United States Application No. 13/714,204 filed on December 13, 2012, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees 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.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto set my hand:

Name	Signature	Date
<u>David W. Jenkins</u>	<u>[Signature]</u>	<u>May 28 2013</u>
<u>Jonathan R. Abon</u>	<u>[Signature]</u>	<u>May 28, 2013</u>
<u>Ramasubramanian Anand</u>	<u>[Signature]</u>	<u>May 28 2013</u>
<u>Kenneth M. Fisher</u>	<u>[Signature]</u>	<u>29 May 2013</u>