

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIPING LI	07/22/2014
TORU MIKE YAMANISHI	07/22/2014
KEVIN PILOTTE	07/22/2014
RECEIVING PARTY DATA	
Name:	SONUS NETWORKS, INC.
Street Address:	4 TECHNOLOGY PARK DRIVE
City:	WESTFORD
State/Country:	MASSACHUSETTS
Postal Code:	01886
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15835392
CORRESPONDENCE DATA	
Fax Number:	(732)936-1401
<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>	
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ATTORNEY DOCKET NUMBER:	SNS-093APPCON
NAME OF SUBMITTER:	STEPHEN T. STRAUB
SIGNATURE:	/Stephen T. STRAUB, Reg. No. 43,938/
DATE SIGNED:	12/08/2017
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, **Shiping LI**, ASSIGNOR

a citizen of the US, residing at **3 Walnut Street, Acton, MA, 01720;**

Toru Mike YAMANISHI, ASSIGNOR

a citizen of Japan, residing at **31 Jewett Street, Pepperell, MA 01463;**

Kevin PILOTTE, ASSIGNOR

a citizen of the US, residing at **22A Mohawk Drive, Londonderry, NH, 03053;**

**METHODS AND APPARATUS FOR DETECTING AND/OR DEALING WITH
DENIAL OF SERVICE ATTACKS**

for which an application for a Patent of the United States

× was filed on July 21, 2014, as

application serial number 14/336,622

for which a provisional application serial number 62/014,683 was filed on June 19, 2014;

and WHEREAS, **Sonus Networks, Inc.**, a corporation of Delaware, having a place of business at **4 Technology Park Drive, Westford, Massachusettes 01886**, ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, the ASSIGNORS, have sold, assigned, transferred and set

over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations (including all continuation-in-part applications) thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which have been or may hereafter be filed for the invention or claim the benefit of the application or any right of priority to the application, in any and all countries including any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent 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; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us regarding the invention, and testify in any legal

proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

The undersigned hereby grant(s) the law firm of Straub & Pokotylo, and any other representative of the Assignee, the power to insert on this Assignment any further identification, including the application serial number, which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
22 day of July, 2014.

Shing Li
Shing Li, Assignor

WITNESSED BY:

V. Bhade
Witness signature

VILAS BHADRE
Witness name (Please print)

81 Canterbury Hill Rd
Address

Acton, MA 01720

WITNESSED BY:

Keith M. Carger
Witness signature

Keith M. Carger
Witness name (Please print)

9 Bailey Street
Address

Foxborough, MA 02035

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
22 day of July, 2014.


Toru Mike YAMANISHI, Assignor

WITNESSED BY:

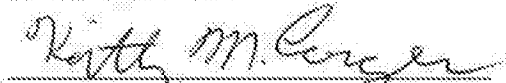
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
22 day of July, 2014.

Kevin J. Pilotte
Kevin PILOTTE, Assignor

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