

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6974474

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TOLGA ASVEREN	09/26/2021
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	RIBBON COMMUNICATIONS OPERATING COMPANY, INC.	
<b>Street Address:</b>	4 TECHNOLOGY PARK DRIVE	
<b>City:</b>	WESTFORD	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	01886	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17482407
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(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>		
<b>Phone:</b>	7329361400	
<b>Email:</b>	stephen@straub-ip.com	
<b>Correspondent Name:</b>	STRAUB & STRAUB	
<b>Address Line 1:</b>	788 SHREWSBURY AVENUE	
<b>Address Line 4:</b>	TINTON FALLS, NEW JERSEY 07724	
<b>ATTORNEY DOCKET NUMBER:</b>	RIBBON-12APP	
<b>NAME OF SUBMITTER:</b>	STEPHEN T. STRAUB	
<b>SIGNATURE:</b>	/Stephen T. STRAUB, Reg. No. 43,938/	
<b>DATE SIGNED:</b>	10/18/2021	
<b>Total Attachments: 8</b>		
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**ASSIGNMENT**

WHEREAS, we, **Tolga Asveren**, ASSIGNOR

a citizen of the **USA**, residing at **21 Hemlock Court,**  
**Bordentown, NJ 08505;** and

**Shivakumar Venkataraman**, ASSIGNOR

a citizen of **India**, residing at **243, Bellezea,**  
**Narayanaghatta, Near Muthanallur Circle, Dommasandra-**  
**Chandapura Road, Bengaluru, Karnataka, 560099, IN;** and

**Amol Sudhir Gogate**, ASSIGNOR

a citizen of **India**, residing at **L-202 Hill View Residency**  
**Kothrud, Pune, 411038, IN;**

**Justin Hart**, ASSIGNOR

a citizen of the **UK**, residing at **2 Battlewell, Purton, SN5**  
**4BT, GB;** and

**Ashish Sharma**, ASSIGNOR

a citizen of **India**, residing at **Flat No. - 11122, Prestige,**  
**Shantiniketan, Whitefield Road, Bangalore, Karnataka,**  
**560048, IN;**

are the inventors of the invention in:

**METHODS, APPARATUS AND SYSTEMS FOR CLOUD NATIVE APPLICATION**  
**MULTI-FACTOR LOAD BALANCING**

for which a provisional application for a Patent of India

was filed on **September 22, 2020**, as Indian Provisional  
Application Number **202041041069**; and

for which a non-provisional application for a Patent of the  
United States

was filed on September 22, 2021, as application Serial Number 17/482,407

and WHEREAS, **Ribbon Communications Operating Company, Inc.**, a corporation of **Delaware**, having a place of business at **4 Technology Park Drive, Westford, MA 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 Indian and United States applications 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(s) or any right of priority to the application(s), 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 Indian or the United States applications under the Patent Laws of India or 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

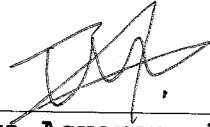
States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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 & Straub, and any other representative of the Assignee, the power to: insert on this Assignment any further identification, including the application serial number and/or application filing date 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 and/or to insert the execution date of this assignment. The undersigned hereby further grant(s) the law firm of Straub & Straub, and its successors the power to make corrections to this assignment, including but not limited to corrections in the assignor information and the assignee information including the assignor name and/or address and the assignee name and/or address.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
26 th day of September, 2021.



Tolga Asveren, Assignor

WITNESSED BY:

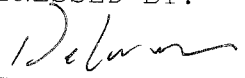
  
Witness signature

Yurong Cai  
Witness name (Please print)

21 Hemlock Ct.  
Address

Bordentown, NJ, 08505

WITNESSED BY:

  
Witness signature

Delores Orro  
Witness name (Please print)

241 Birch Hollow Dr.  
Address

Bordentown, NJ, 08505

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2021.

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**Shivakumar Venkataraman, Assignor**

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**Amol Sudhir Gogate, Assignor**

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_\_\_\_ day of \_\_\_\_\_, 2021.

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**Justin Hart, Assignor**

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
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**Ashish Sharma, Assignor**

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