

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4617470

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILSON TALAUGON	08/20/2002
SRIDHAR SUBRAMANIAM	08/20/2002
BILL CHIN	08/20/2002
ITAI AARONSON	08/20/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COSINE COMMUNICATIONS, INC.
<b>Street Address:</b>	1200 BRIDGE PARKWAY
<b>City:</b>	REDWOOD CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13853555
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)787-5520
<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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<b>ATTORNEY DOCKET NUMBER:</b>	030120-018880US
<b>NAME OF SUBMITTER:</b>	LAURA R. DREMBUS
<b>SIGNATURE:</b>	/Laura R. Drembus/
<b>DATE SIGNED:</b>	09/28/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, WE, Wilson Talaugon, residing at 35429 Monterra Circle, Union City, CA 94587, and Sridhar Subramaniam, residing at 20800 Homestead Road, #18G, Cupertino, CA 95014, and Bill Chin, residing at 1800 Chula Vista Drive, Belmont, CA 94002, and Itai Aaronson, residing at 2328 Wooster Avenue, Belmont, CA 94002, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled SYSTEM AND METHOD FOR VIRTUAL ROUTER FAILOVER IN A NETWORK ROUTING SYSTEM.

AND WHEREAS, CoSine Communications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1200 Bridge Parkway, Redwood City, CA 94065, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

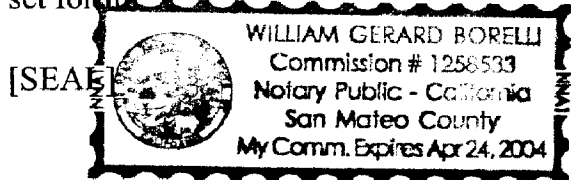
AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand, this 20th day of August, 2002.

Wilson Talaugon  
Wilson Talaugon

STATE OF CALIFORNIA  
COUNTY OF SAN MATEO ss.

On this 20 day of AUGUST, 2002 before me personally appeared Wilson Talaugon to me known and known to me to be the person described in and who executed the foregoing instrument, and he/~~she~~ duly acknowledged to me that he/~~she~~ executed the same for the uses and purposes therein set forth.



William Gerard Borelli  
Notary Public

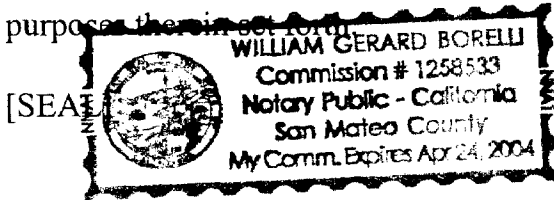
IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of August, 2002.

S. Sridhar  
Sridhar Subramaniam

STATE OF California  
COUNTY OF San Mateo )ss.

On this 20 day of August, 2002 before me personally appeared Sridhar Subramaniam

to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



William Borelli  
Notary Public

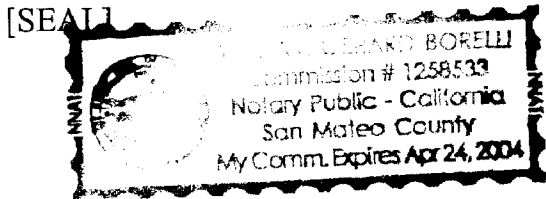
IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of August, 2002.

Bill Chin  
Bill Chin

STATE OF California  
COUNTY OF San Mateo )ss.

On this 20 day of August, 2002 before me personally appeared Bill Chin to me known

and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



William Borelli  
Notary Public

