

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2813573

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEV BROUK	07/30/2001
KENNETH NORTON	06/20/2001
JASON DOUGLAS	06/20/2001
PETER PANEC	06/20/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GRAND CENTRAL NETWORKS, INC.
<b>Street Address:</b>	275 SACRAMENTO ST.
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13409044
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)971-4660
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	408-971-2573
<b>Email:</b>	Wyndie@zilkakotab.com
<b>Correspondent Name:</b>	ZILKA-KOTAB, PC
<b>Address Line 1:</b>	P.O. BOX 721120
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95172
<b>ATTORNEY DOCKET NUMBER:</b>	SFC1P117C/209US1C1C1
<b>NAME OF SUBMITTER:</b>	JAMIE L. ROSSI
<b>SIGNATURE:</b>	/JAMIE ROSSI/
<b>DATE SIGNED:</b>	04/14/2014
<b>Total Attachments: 7</b>	
source=SFC1P117A_Assignment_Inventor to Grand Central Networks_8-16-2001#page1.tif	
source=SFC1P117A_Assignment_Inventor to Grand Central Networks_8-16-2001#page2.tif	
source=SFC1P117A_Assignment_Inventor to Grand Central Networks_8-16-2001#page3.tif	

source=SFC1P117A\_Assignment\_Inventor to Grand Central Networks\_8-16-2001#page4.tif

source=SFC1P117A\_Assignment\_Inventor to Grand Central Networks\_8-16-2001#page5.tif

source=SFC1P117A\_Assignment\_Inventor to Grand Central Networks\_8-16-2001#page6.tif

source=SFC1P117A\_Assignment\_Inventor to Grand Central Networks\_8-16-2001#page7.tif

**PATENT**

**REEL: 032669 FRAME: 0502**

**ASSIGNMENT**  
(Joint)

We, Lev Brouk, residing at 280 San Benito Way, San Francisco, CA 94127; Kenneth Norton, residing at 218 California Ave., Mill Valley, CA 94941; Jason Douglas, residing at 493 29<sup>th</sup> St., San Francisco, CA 94131; and Peter Panec, residing at 414 12<sup>th</sup> St., Santa Monica, CA 90402; (hereinafter each referred to as "Assignor") have made an invention relating to certain new and useful improvements in:

**SYSTEM AND METHOD FOR MAPPING OF SERVICES**

set forth in an application for Letters Patent of the United States, which is a non-provisional application bearing Application No. 09/820,964 and filed on March 30, 2001 ; and

WHEREAS, GRAND CENTRAL NETWORKS, INC., a corporation duly organized under and pursuant to the laws of ~~California~~ <sup>Delaware</sup>, and having its principal place of business at 275 Sacramento St., San Francisco, CA 94111 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

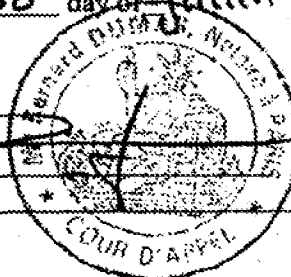
AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is a lawful owner of the entire right, title, and interest in and to the invention(s) set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention(s) or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention(s) in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention(s), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said invention(s) and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: July 30, 2001 By: Lev Brouk  
Lev Brouk

State of: France  
County of: Paris  
The preceding Assignment was acknowledged before me this 30 day of July 2001  
by LEV BROUK  
My Commission Expires: \_\_\_\_\_  
Notary Public



Date: \_\_\_\_\_ By: \_\_\_\_\_  
Kenneth Norton

State of: \_\_\_\_\_  
County of: \_\_\_\_\_  
The preceding Assignment was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_  
by \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_  
Notary Public

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention(s) or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention(s) in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention(s), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said invention(s) and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Lev Brouk

State of: \_\_\_\_\_

County of: \_\_\_\_\_

The preceding Assignment was acknowledged before me this \_\_\_\_\_ day of \_

\_\_\_\_\_ by \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

Notary Public \_\_\_\_\_

Date: 6/20/01By:   
Kenneth Norton

State of: \_\_\_\_\_

County of: \_\_\_\_\_

The preceding Assignment was acknowledged before me this \_\_\_\_\_ day of \_

\_\_\_\_\_ by see attached

My Commission Expires: \_\_\_\_\_

Notary Public \_\_\_\_\_

Date: 6/20/2007

By:   
Jason Douglas

State of: \_\_\_\_\_

County of: \_\_\_\_\_

The preceding Assignment was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_

by see attached

My Commission Expires: \_\_\_\_\_ Notary Public

Date: 6/20/01

By:   
Peter Panec

State of: \_\_\_\_\_

County of: \_\_\_\_\_

The preceding Assignment was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_

by see attached

My Commission Expires: \_\_\_\_\_ Notary Public

98939 v1/RE  
24CB011.DOC  
060501/1448

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

SAN FRANCISCO

ss.

On JUNE 20, 2001, before me, Kristine S. Tamashiro, Notary Public

Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Kenneth S. Norton

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence

to be the person~~s~~ whose name~~s~~ is~~are~~ subscribed to the within instrument and acknowledged to me that he~~/she/they~~ executed the same in his~~/her/their~~ authorized capacity~~(ies)~~, and that by his~~/her/their~~ signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Kristine Tamashiro  
Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document:

Assignment (Joint) System and Method for Mapping of Services

Document Date:

JUNE 20, 2001

Number of Pages:

3

Signer(s) Other Than Named Above:

Lev Brovik, Jason Douglas and Peter Pance

### Capacity(ies) Claimed by Signer

Signer's Name:

Kenneth S. Norton

☒ Individual

☐ Corporate Officer — Title(s):

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

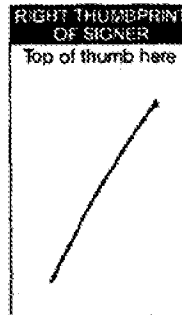
☐ Trustee

☐ Guardian or Conservator

☐ Other:

Signer Is Representing:

N/A



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of SAN FRANCISCO

SS.

On JUNE 20, 2001 before me, Kristine S. Tamashiro, Notary Public

personally appeared JASON DOUGLAS

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

Name(s) of Signer(s)

- ☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Kristine S. Tamashiro  
 Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment (JOINT) System and Method for Mapping of Services

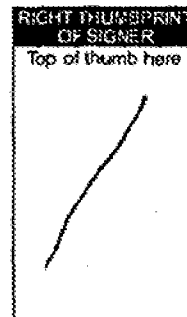
Document Date: JUNE 20, 2001 Number of Pages: 3

Signer(s) Other Than Named Above: Kenneth S. Norton, Lev Brink and Peter Pence

### Capacity(ies) Claimed by Signer

- Signer's Name: JASON DOUGLAS
- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: N/A





# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of SAN FRANCISCO

ss.

On JUNE 20, 2001 before me, Kristine S. Tamashiro, Notary Public

personally appeared Peter Panec

Name(s) of Signer(s)

- ☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Kristine S. Tamashiro  
 Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: Assignment (Joint) Mapping of Services

Document Date: JUNE 20, 2001 Number of Pages: 3

Signer(s) Other Than Named Above: LEV BROUK, Kenneth Norton and Jason Douglas

### Capacity(ies) Claimed by Signer

Signer's Name: Peter Panec

- ☒ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: N/A

