

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):
 Andrew Kirmse (08/21/2008), Reuel William Nash (08/26/2008), and Steve Zelinka (08/21/2008)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Google Inc.

Internal Address: _____

Street Address: 1600 Amphitheatre Parkway

City: Mountain View

State: California

Country: United States of America Zip: 94043

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): In parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
13/973,108

Additional numbers attached? Yes No

This document is being filed together with a new application.

B. Patent No.(s)

Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Noelle L. Cacciabeve
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: GOOGLE 3.0-008 CCCC

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: mcormier@ldlkm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment information

Deposit Account Number 12-1095

Authorized User Name Noelle L. Cacciabeve

9. Signature: Noelle L. Cacciabeve August 26, 2013

Signature Date

Noelle L. Cacciabeve - 63,075 Total number of pages including cover sheet, attachments, and documents: 6

Name of Person Signing

CH \$40.00 121095 13973108

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) GOOGLE 3.0-008
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Whereas, I, Andrew Kirmse of 1632 Cordilleras Road, Redwood City, California 94062

hereafter referred to as assignor, have with others invented certain new and useful improvements in **METHODS FOR CREATING AND EFFICIENTLY REPRESENTING TIME-DEPENDENT IMAGERY FOR USE IN AN EARTH VIEWER**

for which an application for a United States Letters Patent was filed on August 28, 2008

Application Number 12/231,290

for which an application for a United States Letters Patent was executed by me on _____ and _____

Whereas, Google Inc.

a corporation of the state of Delaware having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

8/21/08

(Date)

Andrew Kirmse

(Signature)

State of California) SS:

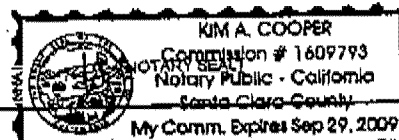
County of Santa Clara)

On August 21, 2008 before me, Kim A. Cooper personally appeared Andrew Kirmse, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Kim A. Cooper
(Notary Public)



*Total of 3 forms are submitted.

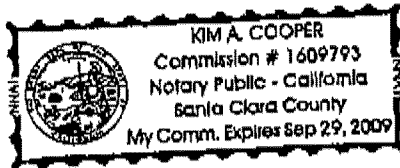
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Santa Clara) ss.

On August 21, 2008, before me, Kim A. Cooper, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Andrew Kirmse
Name(s) of Signer(s)

who 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.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Kim A. Cooper
Signature of Notary Public

Place Notary Seal Above

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: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

- Signer's Name: _____
- Individual
 - Corporate Officer --- Title(s): _____
 - Partner --- Limited General
 - Attorney-in-Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer is representing: _____

(former PTO/SB15 (8-00) Modified DLK&M)

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) GOOGLE 3.0-008
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Whereas, I, Reuel William Nash of
9712 Llano Estacado Lane, Austin, Texas 78759

hereafter referred to as assignor, have with others invented certain new and useful improvements in
**METHODS FOR CREATING AND EFFICIENTLY REPRESENTING TIME-DEPENDENT
IMAGERY FOR USE IN AN EARTH VIEWER**

for which an application for a United States Letters Patent was filed on August 28, 2008
Application Number 12/231,290
 for which an application for a United States Letters Patent was executed by me on _____
and

Whereas, Google Inc.
a corporation of the state of Delaware having a place of business at
1600 Amphitheatre Parkway, Mountain View, California 94043
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

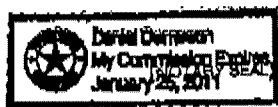
8/26/2008 (Date) Reuel W. Nash (Signature)

State of California Texas) SS:
County of Texas)

On 8/26/08 before me, Daniel Derrison personally appeared Reuel William Nash, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
[Signature]
(Notary Public)



*Total of 3 forms are submitted.

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION <input checked="" type="checkbox"/> Total of 3 forms are submitted.	Docket Number (Optional)
	GOOGLE 3.0-008

Whereas, I, Steve Zelinka of 765 N. Rengstorff Avenue #28; Mountain View, California 94043

hereafter referred to as assignor, have with others invented certain new and useful improvements in **METHODS FOR CREATING AND EFFICIENTLY REPRESENTING TIME-DEPENDENT IMAGERY FOR USE IN AN EARTH VIEWER**

for which an application for a United States Letters Patent was filed on August 28, 2008
 Application Number 12/231,290

for which an application for a United States Letters Patent was executed by me on _____
 and

Whereas, Google Inc.
 a corporation of the state of Delaware having a place of business at
1600 Amphitheatre Parkway; Mountain View, California 94043
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

Aug 21 2008
 (Date)

[Signature]
 (Signature)

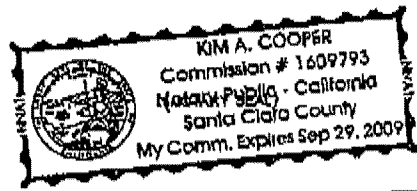
State of California) SS:
 County of Santa Clara)

On August 21, 2008 before me, Kim A. Cooper personally appeared Steve Zelinka who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
 (Notary Public)



<input checked="" type="checkbox"/> Total of 3 forms are submitted.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Santa Clara } ss.

On August 21, 2008, before me, Kim A. Cooper, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Stephen Zelinka
Name(s) of Signer(s)

who 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.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Kim A. Cooper
Signature of Notary Public

Place Notary Seal Above

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: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

- Signer's Name: _____
- Individual
 - Corporate Officer — Title(s): _____
 - Partner — Limited General
 - Attorney-in-Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer is representing: _____