nm PTO-1595 (Rev. 03-11) MB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FOR	M COVER SHEET	
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please		
Name of conveying party(les):	2. Name and address of receiving party(les)	
Andrew Kirmse (08/21/2008), Reuel William Nash	Name: Google Inc.	
(08/26/2008), and Steve Zelinka (08/21/2008)	Internal Address:	
Additional name(s) of conveying party(les) attached?	Street Address:	
3. Nature of conveyance/Execution Date(*):		
Execution Date(s): In parentheses after inventor name	1600 Amphitheatre Parkway	
X Assignment Merger Change of Name		
Security Agreement Joint Research Agreement	City: Mountain View	
Government Interest Assignment	State: California	
	Country: United States of America Zip: 94043	
Executive Order 9424, Confirmatory License	Additional name(s) & address(es) Yes X No	
Olher	attached?	
13/973,108 Additional numbers attached	17 Yes X Na	
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Noelle L. Cacciabeve LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: GOOGLE 3.0-008 CCCC	_	
Street Addiess: 600 South Avenue West	X Authorized to be charged to deposit account	
	Enclosed	
	None required (government interest not affecting title	
City: Westfield	8. Payment information	
State: NJ zip: 07090		
Phone Number: 908-654-5000	-	
Fax Number: 908-654-7866	Deposit Account Number 12-1095 Authorized User Name Noelle L. Cacciabeve	
Email Addless: mcormier@ldlkm.com	Authorized User Name Noelle L. Cacciabeve	
9. Signature: Maelle Lassial e Signature	August 26, 2013 Date	
Noelle L. Cacciabeve - 63,075	Total number of pages Including cover 6	
Name of Person Signing	sheet, attachments, and documents:	

3270053

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	
ASSIGNMENT OF STREET THE	GOOGLE 3.0-008
	· , 1
Whereas, I, Andrew Kirmse	of
16d2 Cordlieras Road: Redwood City, California 94062	
hereafter referred to as assignor, have with others invented cert METHODS FOR CREATING AND EFFICIENTLY RE IMAGERY FOR USE IN AN EARTH VIEWER	ain new and useful improvements in PRESENTING TIME-DEPENDENT
for which an application for a United States Letters Pate Application Number 12/231,290	entwas filed on August 28, 2008
for which an application for a United States Letters Pale:	nt was executed by me on
and	
Whereas, Google inc.	
a corporation of the state of <u>Delaware</u> having a place of busine	ess at
1600 Ampt it heetine Perkwey, Mountain View, California 94043	amá'
is desirous of acquiring the entire right, title and interest in the s	
hereby sell, assign and set over to said assigned my entire right of the countries in and to said invention and the aforest continuation, continuation-in-part, substitute or reissue application. United States of America and all other countries, for said invention claiming priority or benefit of the afor including the right to claim such priority or benefit of the afor including the right to claim such priority or benefit of the afor such priority or benefit of the afortinctuding the right to claim such priority or benefit of the assigned and requested to issue all patents on said improvements and covenant without further remuneration, to relissue and other applications for Letters Patent on said improvements, whenever requested, to testify in any Interfer applications or patents may become involved, to sign all law everything necessary to ald assignee, its successors, assigner improvements in all countries, the expenses incident to said applications or patents.	vention, including without limitation all applications and esaid utility application pursuant to any law or treaty, and Commissioner of Patents and Trademarks is hereby ments or resulting therefrom to said assignee herein, as rine and my legal representatives, heirs and assigns do execute and deliver all original, divisional, continuation, vennents and all assignments thereof to said assignee or attives all facts known to the undersigned respecting said rances or other legal proceedings in which any of said full papers, make all rightful oaths, and to do generally and nominees to obtain patent protection for said pilications to be borne and paid by said assignee.
And I do hereby authorize my attorneys to insert on this dead	the filing date and application number of salo application
when known.	ander Idia
8/21/03 (Date)	(Signature)
	1
State of Camorina	
County of Santa Clark	in A. Cooper personally
On August 21, 2008 before me, appeared Andrew Kirmse, who proved to me on the basis of subscribed to the within instrument and acknowledged to me capadity, and that by his/her signature on the instrument the provided the instrument.	he that he/sine executed the same in his/her authorized erson, or the entity upon behalf of which the person acted
I certify under PENALTY OF PERJURY under the laws of the to correct.	State of California that the foregoing paragraph is true and
WITNESS my hand and official seal.	
1 - Funda un	KIM A. COOPER
(Notary Public)	Notary Public - California
Total of 3 forms are submitted.	carto Claro County
Total of 3 forms are submitted.	My Comm. Expires Sep 29, 2009

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)), ss.
County of Santa Clara)
OniAugust 21, 2008 , before me, personally appearedAndrew K	Kim A. Cooper, Notary Public Here least Name and Title of the Officer irmse
personally appeared	•
KIM A. COOPER Commission # 1609793 Notary Public - California Santa Ckara County My Comm. Expires Sep 29, 2009	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.
Place Notery Saal Above	
the second secon	TIONAL If may prove valuable to persons relying on the document of realtachment of this form to another document.
Displaying of Affached Document	
Title or Type of Document:	
Decument Date:	Number of Pages:
Signer(s) Other Than Named Above:	RIGHT THUMBERO
Capacity(les) Claimed by Signer Signer's Name: Individual Corporate Officer — Title(s): Partner — D Limited D General Attorney-in-Fact Trustee Guardian or Conservator	Tap of thumb here
Other:Signer is representing:	

	(ormer PTO/SB/15 (8-00) Modified LDLK&M
-	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	GOOGLE 3.0-008
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9712 Llano Estacado Lane; Austin, Texas 76759	and useful improvements II
9712 Liano Estado tane, yes with others invented cent mere after referred to as assignor, have with others invented cent METHODS FOR CREATING AND EFFICIENTLY RE IMAGERY FOR USE IN AN EARTH VIEWER	
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for which an application for a United States Letters Pale	out was executed by me on
and	·
Whereas, Google Inc.	ASE ST
a corporation of the state of <u>Delaware</u> having a place of busing	
1800 Amphitheatre Fankway mountain year, Cameria Store is destrous of acquiring the entire right, this and interest in the s	same;
NOW, THEREFORE, for good and valuable consideration the	•
continuation, continuation-in-part, substitute or release applicition continuation, continuation-in-part, substitute or release applicition of the countries of said in patents for said invention claiming priority or benefit of the action including the right to claim such priority or benefit and the authorized and requested to issue all patents on eald improvements agree and covenant without further remuneration, to nersely agree and covenant without further remuneration, to reissue and other applications for Letters Patent on said improvements, whenever requested, to testify in any interier applications or patents may become involved, to sign all law everything necessary to aid assignee, its successors, assimprovements in all countries, the expenses incident to said applications to the countries of the content of the co	e Commissioner of Patents and Trademarks is hereby amenta or resulting therafrom to sald assignes harein, as or me and my legal representatives, helis and assignes or execute and deliver all original, divisional, continuation overmente and all assignments thereof to said assignes o overmente and all assignments thereof to said assignes o allives all facts known to the undersigned respecting sald percose or other legal proceedings in which any of said assignes, make all rightful oaths, and to do generally igns and nominees to obtain patent protection for said opticallons to be borne and paid by said assignes.
And I do hereby authorize my attorneys to insert on this deed	the filling date and application number of said application
when known.	Civil Il Was
8/26/2008	(Signature)
(Date)) 'SS:	1 1 1
State of Camorina	. \
County of Track 13	DANIE PENESON personal
On before me,	to he the person whose part
is subscribed to the within instrument and accommodate to capacity, and that by his/her signature on the instrument the p	person, or the entity upon behalf of which the person acte
executed the instrument. i certify under PENALTY OF PERJURY under the laws of the certect.	State of California that the foregoing paragraph is true at
WITNESS-my hand and official seal.	pulse and a first of the second of the secon
The state of the s	Device Overmoush
(Notary Public)	January 25, 2017
*Total of 3 forms are submitted.	

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Acerdi	MENT OF UTILITY APPLICATION	Docket Number (Optional)	
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Whereas, I,;	Steve Zelinka	of	'
785 N R	engstorff Avenue #28; Mountain View, Callfornia	94043	
hereafter refe METHO IMAGE	erred to as assignor, have with others invented cert DDS FOR CREATING AND EFFICIENTLY REI RY FOR USE IN AN EARTH VIEWER	ain new and useful improvements in PRESENTING TIME-DEPENDENT	
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Apþ	lication Number 12/231,290	The state of the s	
for w	vhich an application for a United States Letters Pete	nt was executed by me on,	
Whereas,	Google Inc.		
a corporation	of the state of <u>Delaware</u> having a place of busine	eas at	
1600 Amrib	itheatre Parkway, Mountain View, California 94043		
is desirous b	acquiring the entire right, title and interest in the s	ariw,	
heraby sell, a other countri- continuation- America and right to claim requested to entire interest covenant with applications communicat whenever repatents may to aid assignt the expense	essign and set over to said assignee the entire assign and to said invention and the aforesaid utility in-part, substitute or relesue applications and pate at all other countries, for said invention, including infining priority or benefit of the aforesaid utility approvements or result in such priority or benefit and the Commissioner issue all patents on said improvements or result is therein; and the undersigned for me and my legation for Letters Patent on said improvements and all the to said assignee or its representatives all facts to expuested, to testify in any interferences or other accurate involved, to sign all lawful papers, make a security in the successors, assigns and nominees to obtain a lacident to said applications to be borne and paters.	receipt of which is hereby acknowledged. I as as it, title and Interest for the United States of America a patent application and all original, divisional, continuants applied for or granted therefor in the United States without limitation all applications and patents for pilication-pursuant-to-any-law-or-treaty, and Including of Patents and Trademarks is hereby authorized in representatives, heirs and assigns do hereby agrier all original, divisional, continuation, reissue and assignments thereof to seld assignee or its assignments thereof to seld assignee or its assignments thereof to seld assignee or its assignment to the undersigned respecting said improve legal proceedings in which any of said application in patent protection for said improvements in all continuation grants. It is patent protection for said improvements in all continuation grants and application number of said application of the filling date and application number of said application.	uation, ates of said ing the ed and other gns, to iments, tons or sessary untries,
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correct.	er PENALTY OF PERJURY under the laws of the	State of California that the foregoing paragraph is t	irue an
	hand and official seal.	The same of the sa	
WITNESSIN	ing institution of the control of th	KIM A. COOPER Commission # 1609793	
1 - 1	(Notary Public)	Motakk Public California Santa Clara County My Comm. Expires Sep 29, 2009	
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	tel of 3 forms are submitted.		

State of California)
) ss.
County ofSenta Clara)
Orl August 21, 2008, before me,	Kirn A. Cooper, Notary Public Hars Insert Name and Title of the Officer
Date	Little was a familia man
personally appeared Stepher	1 Zellnka Name(s) of Signer(s)
**	who proved to me on the basis of satisfactor evidence to be the person(s) whose name(s) is/are subscribed to the within instrument an acknowledged to me that he/she/they execute the same in his/her/their authorize capacity(ies), and that by his/her/the signature(s) on the instrument the person(s), of 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.
	Signature of Notery Public
Pixes Notary Sept Abova	Signature of Notery Public
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Though the information below is not required by and could prevent fraudulant removal Description of Attached Document Title or Type of Document:	iaw, it mey prove valuable to persons relying on the document and realtechment of this form to enother document.
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Signer(s) Other Than Named Above:	RIGHT THUMBP/ OF SIGNER
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☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General	
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