502684958 02/18/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2731564

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANISH D KULKARNI	02/18/2014
BALASIGAMANI DEVARAJ	11/24/2012
SHUQING MA	07/23/2012

RECEIVING PARTY DATA

Name:	NETRA SYSTEMS INC.
Street Address:	4940 OWENS DRIVE APT# 936
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94588

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12941991

CORRESPONDENCE DATA

 Fax Number:
 (000)000-0000

 Phone:
 925-200-7303

Email: manishdkulkarni@gmail.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: MANISH D. KULKARNI

Address Line 1: 4940 OWENS DRIVE, APT. 936
Address Line 4: PLEASANTON, CALIFORNIA 94588

ATTORNEY DOCKET NUMBER:	RIPLLC006.003US1
NAME OF SUBMITTER:	GEETA KADAMBI
Signature:	/Geeta Kadambi/
Date:	02/18/2014 PATENT

502684958 REEL: 032239 FRAME: 0499

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif source=assignment#page6.tif	

PATENT ASSIGNMENT	Docket Number
WHEREAS, the undersigned:	1
1. Manish D Kulkarni, 4940 Owens Drive, Apt 936, Pleasanton, CA 94588	
(hereinafter "Inventor(s))," has/have jointly invented certain new and useful improvements	
Novel compact, affordable optical test, measurement or imaging de in the for which Application No. 12/941,991 was filed on November 8, 2010 in the for which Application No was filed on in the U.S. Receiving Of	United States Patent Office;
Cooperation Treaty; for which Application No was filed on in the Patent Offic for which an application was filed upon which a United States Patent issued on	

(hereinafter "Application(s)").

WHEREAS, Netra Systems, Inc, a corporation of the Delaware State of United States of America, having a place of business at 4940 Owens Drive, Apt. 936, Pleasanton, CA 94588 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Assignment: Said Inventor(s) do(es) hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions and said Applications, including the right to claim priority to said Inventions and said Applications; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s); and (e) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Cooperation: Said Inventor(s) hereby covenant and agree(s) to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

Docket Number

- 3. Attorney-in-Fact: Said Inventor(s) agree(s) that, if the Assignee is unable because of Inventor's (Inventors') unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Inventor's (or Inventors') signature(s) with respect to the said Invention to secure Assignee's benefits as described in section 2 above, including, without limitation, for the purpose of applying for or pursuing the application for any United States or foreign patents covering the said Inventions, then Inventor(s) hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents as Inventor's (or Inventors') agent and attorney-in-fact, to act for and on Inventor's (or Inventors') behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventions to further the prosecution and issuance of patents, with the same legal force and effect as if executed by Inventor's (or Inventors'). This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.
- 4. **Successors:** The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 5. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date:	2/18/2014	mxukomi	
		Manish D Kulkarni	

RECEIVED AND AGREED TO BY ASSIGNEE:

Date:	2/18/2014	
WITN	ESSED BY:	

Date: _____

By: Manish D Kulkarni

Title: President

Page 2 of 1

PATENT ASSIGNMENT	Docket Number
WHEREAS, the undersigned:	
Shuqing Ma, 5433 castle manor Dr San Jose, CA	
(hereinafter "Inventor(s))," has/have jointly invented certain new and useful impr	ovements in
Novel compact, affordable optical test, measurement or ima	ging device
for which Application No. 20110273721 was filed on November 8, 2 for which Application No was filed on in the U.S. Reconstruction; Treaty; for which Application No was filed on in the Pa for which an application was filed upon which a United States Patent	eiving Office of the Patent Cooperation tent Office; and/or
(hereinafter "Application(s)").	
WHEREAS, Netra Systems, Inc. a corporation of the Delaware State of United S business at 4940 Owens Drive, Apt. 936, Pleasanton, CA 94588 (hereinafter "Assentire right, title and interest in and to said Application(s) and the inventions disclembodiments of the inventions, heretofore conceived, made or discovered, whethe Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and other forms of protection (hereinafter "Patent(s)") thereon granted in the Unit any international convention, agreement, protocol, or treaty.	ignee"), is desirous of acquiring the osed therein, and in and to all er jointly or severally, by said and all patents, inventor's certificates
NOW, THEREFORE, in consideration of good and valuable consideratio have been received in full from said Assignee:	n acknowledged by said Inventor(s) to
entire right, title and interest (a) in and to said Inventions and said Applications, in said Inventions and said Applications; (b) in and to all rights to all United States at patent applications and Patent(s), including those filed under the Paris Convention Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications are said Inventions in the United States, in any foreign country, agreement, protocol, or treaty, including each and every application filed and any application which is a divisional, substitution, continuation, or continuation-in-parameter and to each and every reissue, reexamination, or extensions of any of said Patent(s) present and future infringement of the Patent(s), including all rights to sue for and own use all past, present, and future lost profits, royalties, and damages of whatever infringement of the Patent(s).	ncluding the right to claim priority to and corresponding non-United States a for the Protection of Industrial oplications filed and any and all or under any international convention, and all Patent(s) granted on any art of any of said Application(s); (d) in (s); and (e) in and to all claims for past, (to receive and recover for Assignee's
2. Cooperation: Said Inventor(s) hereby covenant and agree(s) to co said Assignee to enjoy to the fullest extent the right, title and interest herein convectountries, or under any international convention, agreement, protocol, or treaty. Such shall include prompt production of pertinent facts and documents, giving of testing specifications, declarations or other papers, and other assistance all to the extent of Assignee (a) for perfecting in said Assignee the right, title and interest herein compaphications covering said Inventions; (c) for filing and prosecuting substitute, divapplications covering said Inventions; (d) for filing and prosecuting applications functions and any applications therefor and any Patent(s) granted thereon, including reexaminations, opposition proceedings, cancellation proceedings, priority contest infringement actions and court actions; provided, however, that the expense incurs such cooperation shall be paid for by said Assignee.	byed in the United States, foreign Such cooperation by said Inventor(s) nony, execution of petitions, oaths, eemed necessary or desirable by said veyed; (b) for prosecuting any risional, continuing or additional or reissuance of any said Patent(s); of for legal proceedings involving said ling without limitation reissues and ts, public use proceedings,

Docket Number

- Attorney-in-Fact: Said Inventor(s) agree(s) that, if the Assignee is unable because of Inventor's (Inventors') unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Inventor's (or Inventors') signature(s) with respect to the said Invention to secure Assignee's benefits as described in section 2 above, including, without limitation, for the purpose of applying for or pursuing the application for any United States or foreign patents covering the said Inventions, then Inventor(s) hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents as Inventor's (or Inventors') agent and attorney-in-fact, to act for and on Inventor's (or Inventors') behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventions to further the prosecution and issuance of patents, with the same legal force and effect as if executed by Inventor's (or Inventors'). This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.
- 4. Successors: The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs. legal representatives and assigns. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 7/23/12 Shuqing Ma

RECEIVED AND AGREED TO BY ASSIGNEE:

WITNESSED BY:

Date:

Name:

Title:

ayayê de denêdiya. E	ouervor Sike	ok Clava
odiscius aps seed Leogos (lula, ic)	to to stored	salore ma on tills.
proventen in <mark>n en it e k</mark> etto <mark>u</mark> Littorija kreit besorerne.	t said acary av k ey	(2.10) 6.50 (2.00) (3.10)
Europe Commission (Commission Commission Commission Commission Commission Commission Commission Commission Com		Control School
	LO CO	Section Manhattania and A
Andrew Control	SUNITA S Commission 4	argh 🦹
	Notary Public	- California 💈
	Santa Clara	County 8 Nov 18, 2012 &
"ger trattastratratratrat	activitied in the finite	alta tududu du du da

Docket Number

WHEREAS, the undersigned:

 Balasigamani Devaraj, C-86 Sector 41, Noida, Ghaziabad District, Uttar Pradesh, PIN: 201303, India

(hereinafter "Inventor(s))," has/have jointly invented certain new and useful improvements in

Novel compact, affordable optical test, measurement or imaging device

\boxtimes	for which Application No. 13	2/ <mark>941,99</mark> 1 was filed o	n November	8, 2010 in the Unite	d States Patent Offic	Ċ,
	for which Application No	was filed on	in the U.S	. Receiving Office of	of the Patent	
Cooperation	n Treaty;					
	for which Application No	was filed on	in the	Patent Office; ar	id/or	
	for which an application was	filed upon which a U	Inited States F		, as U.S. Patent No	1
Occeination	"Application(s)")					

WHEREAS, Netra Systems, Inc., a corporation of the Delaware State of United States of America, having a place of business at 4940 Owens Drive, Apt. 936, Pleasanton, CA 94588 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee;

- 1. Assignment: Said Inventor(s) do(es) hereby sell, assign, transfer and convey unto said Assignce the entire right, title and interest (a) in and to said Inventions and said Applications, including the right to claim priority to said Inventions and said Applications; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s); and (e) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Cooperation: Said Inventor(s) hereby covenant and agree(s) to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. Attorney-in-Fact: Said Inventor(s) agree(s) that, if the Assignee is unable because of inventor's (Inventors') unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Inventor's (or

Form Patent Assignment Devo

Page i of 1

Docket Number

(Inventors') unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Inventor's (or Inventors') signature(s) with respect to the said Invention to secure Assignee's benefits as described in section 2 above, including, without limitation, for the purpose of applying for or pursuing the application for any United States or foreign patents covering the said Inventions, then Inventor(s) hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents as Inventor's (or Inventors') agent and attorney-in-fact, to act for and on Inventor's (or Inventors') behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventors to further the prosecution and issuance of patents, with the same legal force and effect as if executed by Inventor's (or Inventors'). This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.

- 4. Successors: The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said inventor(s), their respective heirs, legal representatives and assigns. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, he issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 5. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) hat the dates written below:	ve executed and delivered this instrument to said Assignee as o
Date: Balasigamani Devaraj	_11/24/2012
RECEIVED AND AGREED TO BY ASSIGNEE: Date: 11/24/2012	
WITNESSED BY: Date:	By: \(\lambda \

Form Patent Assignment Deve

RECORDED: 02/18/2014

Page 2 of 1