Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY ARL 11-03CIP2						
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)	2. Name and address of receiving party(ies)					
Ronald E. Myers	Name:The United States of America as represented by the					
Keith S. Deacon	Internal Address: Secretary of the Army					
Additional name(s) of conveying party(ies) attached? X Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) 9/10/2013 X Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): This A. Patent Application No.(s)	Street Address: 101 Army Pentagon City: Washington State: DC Country: USA Zip: 20310 Additional name(s) & address(es) attached? Yes No document is being filed together with a new application. B. Patent No.(s)					
Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents						
concerning document should be mailed:	involved: 1					
Name: <u>U.S. Army Research Laboratory</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00					
Internal Address: Attn: RDRL-LOC-I/Alan I, Kalb						
	Authorized to be charged to deposit account					
Street Address: 2800 Powder Mill Road	Enclosed					
<u>.</u>	None required (government interest not affecting title)					
City: Adelphi	8. Payment Information					
State: Maryland Zip: 20783						
Phone Number: 301-394-1640	Denegit Aggerent Number					
Fax Number: 301-394-3972	Deposit Account Number 19-2201					
Email Address: nadine.l.loman.civ@mail.mil	Authorized User Name Alan I. Kalb					
9. Signature:	6/12/12					
Signature	Date					
Alan I. Kalb, Reg. No. 52,486 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 031334 FRAME: 0214

ASSIGNMENT AND AGREEMENT

Title of Invention: SYSTEM AND METHOD FOR IMAGE IMPROVED IMAGE ENHANCEMENT

Inventor(s): Ronald E. N	Meyers, Keith S. Deacon		
Date Declaration Execute	ed: 9/9/2013		
*Application Serial No.:	14/022.148	*Filing Date: 9/9/201	3 Docket No.: ARL 11-03CIP2
(*I (We) herby authoriz	e the application serial nu	umber and filing date of said	application be added when known.)
		rights of the Government of invention was made, hereby	the United States acquired by virtue
and interest throughout thinvention and application	ne United States, its Territo	ories, Possessions, and Puert Patent issuing thereon, and a	ry of the Army, my entire right, title o Rico, in and to the above-entitled my continuation or division of said
which the Government, v cause an application to be any particular foreign co- interest in the invention is free license to the Govern	vithin eight months of the e filed; provided that if the antry or fails to make such n such foreign country sha ament in any patent in whi	filing of the United States ap Government determines not a determination, within the all remain in me, subject to a ch may issue on the invention	evention in those foreign countries in oplication for patent, determines to to cause an application to be filed it said eight months, all right, title and nonexclusive, irrevocable, royalty- on in such foreign country, including erance of the foreign policies of the
to the prosecution of pate recording of title to paten	ent applications on the inve at applications and patents	ention, the prosecution and so issuing thereon.	te any further documents necessary ettlement of interferences and
bignature of inventor.	(First name)	(Middle Initial)	May erd (Last Name)
Duty Address: Army Res	search Laboratory, Adelph (Locality)	ni, Montgomery (County)	Maryland (State)
Date: 10 Sept. 2	<u>○ 3</u> Typed name o	of Inventor: Ronald E. Mey	ers
State of: Maryland County of: Montgome) SS.	of Inventor: Ronald E. Meyotarizing preferred)******* acknowledgement is taken]	*
foregoing instrument duly	onald E. Meyers known y appeared before me and unto set my hand and office	acknowledged to me that the	escribed in and who executed the same as his own free act and deed.
welve long		<u>Nadine</u>	"
Carlotte and the second		(Printed or typewritten na	me of notary public)
(SEAT)		(Signature of notary publi	c) Xeruan
		My Commission expires of	on February 27, 2015
	and the second s	Page 1 of 2	

PATENT REEL: 031334 FRAME: 0215

ARL 11003CIP2

Signature of Inventor:)~~ ·	11	de			
	(First name)	(Middle Initial)		(Last Name)		
Duty Address: Army Re	esearch Laboratory, Adelph (Locality)	i, Montgome: (County)	ry	Maryland (State)		
Date: 10 SPP 2013 Typed name of Inventor: Keith S. Deacon						
********* State of:Maryland) SS. County of:Montgomery) [place where acknowledgement is taken] On the above dateKeith S. Deaconknown to me to be the individual described in and who executed the						
foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official seal.						
Andrew Confessor		Nadine L. Loman				
(Printed or typewritten name of notary public) (Signature of notary public) (SEAL)				Z-1 "		
Production		My Commission exp	pires on	February 27, 2015		