Form <b>PfQ-1595</b> (Rev. 07/05) DMB No. 0651-0027 (exp. 6/30/2008)	U.S DEPARTMENT OF COMMERCE united States Patent and Trademark Office
RECORDATION FO	
PATENT	
	e record the attached documents or the new address(es) below  2. Name and address of receiving party(ies)
1. Name of conveying party(ies)	Name The United States of America as represented by the
Michael Mascrutt	
	Internal Address Secretary of the Army
Additional name(s) of conveying party(les) attached? Ves No	
3. Nature of conveyance/Execution Date(s):	Street Address:
Execution Date(s) 12/08/2005	
✓ Assignment Merger	
Security Agreement Change of Name	City Washington
Joint Research Agreement	State D.C
Government Interest Assignment	Country: U.S.AZip:20310
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document is being filed together with a new application
A Patent Application No (s)	B Patent No (s)
11/311,575	
Additional numbers at	tached? Yes V No
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name U.S. Army CECOM LCMC	7. Total fee (37 CFR 1 21(n) & 3 41) \$ 40 00
Internal Address: ATTN: AMSEL-LG-L	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address	Enclosed
Officer vidal cas	None required (government interest not affecting title)
Chu Sag Magrauth	8. Payment Information
City: Fort Monmouth	a. Credit Card Last 4 Numbers
State NJ Zip 07703	Expiration Date
Phone Number 732-532-3187	b Deposit Account Number 19-2201
Fax Number: 732 389-3396	Authorized User Name U.S. Army
Email Address: ursuta buki@us army mil	
9. Signature: (brula Bruke	08/04/2009
Signature	Date
Ursula Buki	Total number of pages including cover 2 sheet, attachments, and documents:
Name of Person Signing	hammer .

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: 023051 FRAME: 0868** 

	ASSII For use at this form	GNMENT OF INVENTION 11, see AR 27-60; the proponent agen	ncy is OTJAG CECOM 5545
()[IG Of tilacitation ——		Network Optimization	Tool
nventor(s) Michae	l Masciulli		
* Application Serial NO.	11/311,575		
*Date Oath Executed:	08 December	2005 •Filing Date: 08 De	ecember 2005
Date Carrier -		it execution may be added for better	
l (We), the undersign virture of the circumstar	ad increased in CODS		ment of the United States acquired by
Assign to the and interest throughout and application for pater application and environs.	Government of the Unithe United States, its Tand all Letters Paten tipe or extension of said	nited States, as represented by the St Territories, Possessions, and Puerto R It issuing thereon, and any continuati d Letters Patent.	ecretary of the Army, the entire right, title Rico, in and to the above-entitled invention ion, continuation-in-part or division of said
which the Government, application to be filed; p foreign country of falls to such foreign country.	within eight months of rovided that if the Gov to make such a determinate (us) shall remain in me (us)	t the ming of the bridge states appro- vernment determines not to cause an ination, within the said eight months	the invention in those foreign countries in cation for patent, determines to cause an application to be filed in any particular is, all right, title and interest in the invention ble, royalty-free license to the Government the power to issue sublicenses for use in ment.
3. Agree to provinceessary to the prosec recording of title to pate	vide any further inform intron of patent applica ant applications and pa	ation within my (our) knowledge and itions on the invention, the prosecuti itents issuing thereon.	
3. Agree to prov	vide any further inform intron of patent applica ant applications and pa	ation within my (our) knowledge and dions on the invention, the prosecuti	TA AZAGUTA BRY TUITRAL GOCUMANTA
3. Agree to provincessary to the prosect recording of title to pate Signature of inventor:	vige any further information of patent applications and patent applications are applications and patent applications are applications and patent applications are applications are applications and patent applications are applications are applications are applications and patent applications are applications and patent applications and patent applications are applications.	Action within my (our) knowledge and ations on the invention, the prosecution is a second stanta is suing thereon.  (Meddie initial)	to execute any further documents for and settlement of interferences and and settlement of interferences and (Last name)
3. Agree to provincessary to the prosect recording of title to pate Signature of Inventor:	vige any further information of patent applications and patent applications are applications and patent applications are applications and patent applications are applications are applications and patent applications are applications are applications are applications and patent applications are applications and patent applications and patent applications are applications.	Action within my (our) knowledge and ations on the invention, the prosecution is a second stanta is suing thereon.  (Meddie initial)	t to execute any further documents on and settlement of interferences and
3. Agree to provincessary to the prosect recording of title to pate.  Signature of inventor:  U.S.  Duty Address. Fort	Army Researc	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  Machine initially (Middle initial)  The Laboratory  Montpouth County (County)	to execute any further documents for and settlement of interferences and (Last name)  New Jersey 07703  (State)
3. Agree to provincessary to the prosect recording of title to pate Signature of Inventor:	Army Researc	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  Machine initially (Middle initial)  The Laboratory  Montpouth County (County)	to execute any further documents for and settlement of interferences and the settlement of interferences and settlement of interferences and settlement of interferences.
3. Agree to provincessary to the prosect recording of title to pate.  Signature of inventor:  U.S.  Duty Address. Fort	Army Researc	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  Machine initially (Middle initial)  The Laboratory  Montpouth County (County)	to execute any further documents for and settlement of interferences and (Last name)  New Jersey 07703  (State)
3. Agree to provincessary to the prosect recording of title to pate.  Signature of inventor:  U.S.  Duty Address. Fort	Army Researce Monmouth  (Locality)	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  Machine initially (Middle initial)  The Laboratory  Montpouth County (County)	to execute any further documents for and settlement of interferences and (Last name)  New Jersey 07703  (State)
3. Agree to prove necessary to the prosect recording of title to pate.  Signature of inventor:  U.S.  Duty Address. Fort  Dete: 2/8  State of: New Je  County of: Montpol  On the above date and who executed the	Army Researce Monmouth  (Locality)  (Street Monmouth  (Stree	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  Action  (Middle initial)  Typed Name of invento	to execute any further documents for and settlement of interferences and (Last name)  New Jersey 07703  (State)
3. Agree to provincessary to the prosect recording of title to pate.  Signature of Inventor:  Duty Address. Fort  Dete: 2/8  State of: New Je  County of: Morrigot	Army Researce Monmouth  (Locality)  (Street Monmouth  (Stree	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  MACMM  (Meddle initial)  The Laboratory  Monthouth County  Typed Name of invento  Typed Name of invento  SS  Ciulli know duly appeared before me and acknow	(Lust name)  (Lust name)  New Jersey 07703  (State)  Michael Masciulli  An to me to be the individual described in wiedged to me that the same as his own to the
3. Agree to prove necessary to the prosect recording of title to pate.  Signature of inventor:  Duty Address. Fort.  Date: 2/8  State of: New Je  County of: Montpol  On the above date and who executed the	Army Researce Monmouth (Locality)  OS  Michael Masc	Action within my (our) knowledge and ations on the invention, the prosecution stents issuing thereon.  MACMM  (Meddle initial)  The Laboratory  Monthouth County  Typed Name of invento  Typed Name of invento  SS  Ciulli know duly appeared before me and acknow	to execute any further documents for and settlement of interferences and (Last name)  New Jersey 07703 (State)  Michael Masciulli

DA FORM 2874-R, APR 93

REPLACES DA FORM 2874-R, MAR 74, WHICH IS OBSOLETE.

Page 1 of 1 Pages

USAPPC V2.00