503636749 01/06/2016

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3683380

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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AHMED HASSAN	07/29/2014
YIN CHEN	07/28/2014
ANTHONY VELLA	07/28/2014

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14444301

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ATTORNEY DOCKET NUMBER: 2013-004

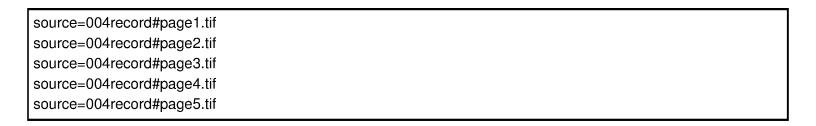
NAME OF SUBMITTER: MICHAEL C. SACHS

SIGNATURE: /Michael C. Sachs/

DATE SIGNED: 01/06/2016

Total Attachments: 5

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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(les)	Name and address of receiving party(ies) Name: U.S. Government as Represented by the Secretary of the Army			
Steven Gilbert; Ahmed Hassan; Yin Chen;	Internal Address: U.S. Army RDECOM-ARDEC			
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: RDAR-GCL/Bldg. 3			
Execution Date(s) 7/29/14;7/29/14;7/28/14 Assignment Merger	K			
Security Agreement Change of Name	City: Picatinny Arsenal, Dover			
Joint Research Agreement	State: NJ			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 07806-5000			
Other	Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)			
14/444,301 Filing Date: 7/28/2014 Additional numbers at	tached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1				
Name: Lori Hanko	7. Total fee (37 CFR 1.21(h) & 3.41) \$			
Internal Address: U.S. Army RDECOM-ARDEC	, , , , , , , , , , , , , , , , , , , ,			
	Authorized to be charged to deposit account			
Street Address: RDAR-GCL/Bldg. 3	Enclosed Neno required (revenment interset set affecting title)			
	None required (government interest not affecting title)			
City: Picatinny Arsenal, Dover				
	8. Payment Information			
State: NJ Zip: 07806-5000	8. Payment Information			
Phone Number: 973-724-3449				
Phone Number: 973-724-3449 Docket Number: 2013-004	Deposit Account Number			
Phone Number: 973-724-3449				
Phone Number: 973-724-3449 Docket Number: 2013-004 Email Address: lori.hanko.civ@mail.mil 9. Signature: /Michael C. Sachs/	Deposit Account Number Authorized User Name			
Phone Number: 973-724-3449 Docket Number: 2013-004 Email Address: lori.hanko.civ@mail.mil 9. Signature: /Michael C. Sachs/ Signature	Deposit Account Number Authorized User Name			
Phone Number: 973-724-3449 Docket Number: 2013-004 Email Address: lori.hanko.civ@mail.mil 9. Signature: /Michael C. Sachs/	Deposit Account Number Authorized User Name			

ASSIGNMENT OF INVENTION

Patent Application Title: LOW COLLATE	RAL DAMAGE KINETIC ENERGY PI	ROJECTIL	Æ	
Inventor(s): Steven Gilbert, Ahmed Hass				
Provisional Application Serial No.	Filing date:			Just of alice
Provisional Application Serial No. Patent Application Serial No. 14/475	7 <u>301_</u> Filing Date: <u>7/シア//Y</u> Da	ate Oath e	xecuted: 1/3	1/14 /127/14, 1"
DOCKET NO.; 2013-004	atent Number			•
the entire right, title and interest to Rico, in and to the above-identific Patent Cooperation Treaty application-in-part or division of 2. Agree to assign to the in those foreign countries in whice application for patent, determines application; provided that if the Goparticular foreign country or fails application, within the said eight shall remain in me (us), subject to any patent which may issue on the sublicenses for use in behalf of the Government.	ent of the United States, as rethroughout the United States, as rethroughout the United States, and invention(s), provisional apparation(s), and all Letters Patents aid application(s) and any reflected application and any reflected application and any reflected application to be sovernment upon its request, the Government, within eights to cause an application to be sovernment determines not to to make such a determination months, all right, title and interest a nonexclusive, irrevocable, the invention in such foreign come Government and/or further urther information within my (desecution of patent applications	e above- epresent its Territ plication it issuing eissue or all right at month e filed or cause a , or fails rest in th royalty- puntry, in ance of the our) know	entitled invented by the Secories, Posses (s), application thereon, and extension of title and intest of the filling files a Patente application to file a Patente invention in free license to cluding the patente foreign powedge and to invention(s), the second fill and to invention(s), the second fill and the foreign powedge and to invention(s), the second fill and	cretary of the Army, ssions and Puerto on(s) for patent, and d any continuation, is aid Letters Patent. The United States to Cooperation Treaty to be filed in any int Cooperation Treaty of the Government in ower to issue of the Cooperation Treaty of the Government in ower to issue of the cooperation and the prosecution and
Signature of Inventor <u>Steven</u>	M. Lilbert	Date:_	7/29/14	
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Signature of Inventor		Date:		
Typed Name of Inventor: Yin Che	en			

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Address: 13 Brady Street, West Milford, NJ 07480

ASSIGNMENT OF INVENTION

Patent Application Title: LOW COLLATER	RAL DAMAGE KINETIC ENERG	Y PROJECTILE	
Inventor(s): Steven Gilbert, Ahmed Hassa	ın, Yin Chen, Anthony Vella		
Provisional Application Serial No.	Filing date:	· · · · · · · · · · · · · · · · · · ·	الديمالهاك بياد
Provisional Application Serial No. Patent Application Serial No. Docket No.: 2013-004 Pa	JD Filing Date: 708//	Date Oath executed: 15	1719, 7107/17, 110
I (We), the undersigned inventor States acquired by virtue of the cithereby: 1. Assign to the Government the entire right, title and interest the Rico, in and to the above-identifier Patent Cooperation Treaty application-in-part or division of 2. Agree to assign to the Cin those foreign countries in which application for patent, determines application; provided that if the Giparticular foreign country or fails the application, within the said eight in shall remain in me (us), subject to any patent which may issue on the sublicenses for use in behalf of the Government. 3. Agree to provide any fundocuments necessary to the prospettion of interferences and respective in the control of the prospection of the prospettion of the	ent of the United States, a hroughout the United States ad invention(s), provisional ation(s), and all Letters Pasaid application(s) and an Government upon its require the Government, within a to cause an application to overnment determines not to make such a determination and an onexclusive, irrevocal ne invention in such foreign ne Government and/or furturation of natent and/or furturatio	s represented by the Seces, its Territories, Posses application(s), application tent issuing thereon, and y reissue or extension of est, all right, title and integrated the filled or files a Patent to cause an application tion, or fails to file a Patent tent to the filling of the foreign points on the invention(s).	cretary of the Army, ssions and Puerto on(s) for patent, and dany continuation, said Letters Patent. erest in the invention of the United States to Cooperation Treaty to be filed in any ent Cooperation Treaty in such foreign country to the Government in cower to issue olicies of the
Signature of Inventor		Date:	
Typed Name of Inventor: Steven	Gilbert		
Address: 180 Whisper Way E, Ledge	wood, NJ 07852		
Signature of Inventor Typed Name of Inventor: Ahmed Address: 24 Pudding stone Drive Box		Date:	
Signature of Inventor		Date:	
Typed Name of Inventor: Yin Ch	en		
Address: _13 Brady Street, West Milfo	ord, NJ 07480		

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ASSIGNMENT OF INVENTION

Patent Application Title: LOW COLLATERAL	L DAMAGE KINETIC ENERGY P	ROJECTILE	
Inventor(s): Steven Gilbert, Ahmed Hassan,	Yin Chen, Anthony Vella		
Provisional Application Serial No.	Filing date;		1.11.
Provisional Application Serial No. Patent Application Serial No. Docket No.: 2013-004 Patent	301 Filling Date: 7/29/14 D	ate Oath executed: 725	<u>1/14,769/14,</u> 7,
Docket No.: 2013-004 Pater	nt Number:	7	LAP/14 respectiv
I (We), the undersigned inventors States acquired by virtue of the circular hereby: 1. Assign to the Government the entire right, title and interest through the entire right, and the entire right continuation-in-part or division of sa 2. Agree to assign to the Go in those foreign countries in which the application for patent, determines to application, provided that if the Gov particular foreign country or fails to application, within the said eight moshall remain in me (us), subject to a any patent which may issue on the sublicenses for use in behalf of the Government. 3. Agree to provide any furth documents necessary to the prosect settlement of interferences and reconstructions.	umstances under which the united States, as no bughout the United States, invention(s), provisional application(s), and all Letters Pater and application(s) and any revernment upon its request the Government, within eight ocause an application to be terment determines not to make such a determination on this, all right, title and interior invention in such foreign of Government and/or further the information within my (coution of patent applications).	e above-entitled invented above-entitled invented by the Secults Territories, Possess oplication(s), application tries application of security and eissue or extension of security, all right, title and interest int months of the filling of the filled or files a Patent cause an application to application to the invention in the invention in the invention of the foreign polarity including the potence of the foreign polarity knowledge and to son the invention(s), the potence of the invention(s), the potence of the foreign polarity including the potence of the foreign polarity knowledge and to son the invention(s), the potence of the foreign polarity including the polarity including th	retary of the Army, sions and Puerto n(s) for patent, and any continuation, said Letters Patent. rest in the invention of the United States Cooperation Treaty to be filed in any at Cooperation Treaty such foreign country the Government in ower to issue licies of the execute any further the prosecution and
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Page 2 of 2 Pages