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Christopher J. Morris	Internal Address: Secretary of the Army				
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s)	Street Address: 101 Army Pentagon				
Assignment Merger Security Agreement Change of Name	City:Washington				
Joint Research Agreement	State:DC				
Government Interest Assignment	Country: USA Zip: 20310				
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14/497,377					
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Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: U.S. Army Research Laboratory Internal Address: ATTN: RDRL-LOC-I/Alan I. Kalb	6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Authorized to be charged to deposit account Enclosed				
Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: U.S. Army Research Laboratory Internal Address: ATTN: RDRL-LOC-I/Alan I. Kalb Street Address: 2800 Powder Mill Road	6. Total number of applications and patents involved:1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Authorized to be charged to deposit account Enclosed				
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Additional numbers att S. Name and address to whom correspondence concerning document should be mailed: Name: U.S. Army Research Laboratory Internal Address: ATTN: RDRL-LOC-I/Alan I. Kalb Street Address: 2800 Powder Mill Road City: Adelphi State: Maryland Zip: 20783 Phone Number: 301-394-1640					
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PATENT REEL: 036407 FRAME: 0191

700517916

ASSIGNMENT AND AGREEMENT

Title of Invention: ELECTROMAGNETIC FIELD ASSISTED SELF-ASSEMBLY WITH FORMATION OF **ELECTRICAL CONTACTS**

Inventor(s): Christopher J. Morris

Date Declaration Executed	: -2/6/2012-	9/24/14	
	14/497,377	9/26/14	
*Application Serial No.:	1 3/366,436	*Filing Date: - 2/6/12	Docket No.: ARL 09-48 D

(*I (We) herby authorize the application serial number and filing date of said application be added when known.)

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of circumstances under which the above-identified invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, my entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation or division of said application and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royaltyfree license to the Government in any patent in which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:	And	\searrow	Mui	
	(First name)	0	(Middle Initial)	(Last Name)
Duty Address: Army R	esearch Laboratory, (Locality)	Adelphi,	Montgomery (County)	Maryland (State)
Date: 2/6/20	v12 Typed	name of	Inventor: Christopher J. Morris	

Date:

*********(notarizing preferred)********

State of: Maryland) SS. County of: <u>Montgomery</u> [place where acknowledgement is taken]

On the above date _____ Christopher J. Morris___ known 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.

Nadine	. Lomán
(Printed or typewritten-nal	
(Signature of notary public	

My Commission expires on February 27, 2015

Page 1 of 1

PATENT REEL: 036407 FRAME: 0192

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Christopher J. Morris	Name: The United States Government as represented by the				
	Internal Address: Secretary of the Army				
Additional name(s) of conveying party(ies) stlached7 🗌 Yes 🔀 N	0				
3. Nature of conveyance/Execution Date(s):	Street Address: 101 Army Pentagon				
Execution Date(B) 2/6/2012					
Assignment Merger					
Security Agreement Change of Name	Citly: Washington				
Joint Research Agreement	Siste: oc				
Government Interest Assignment	Country: USA Z(p: 20310				
Executive Order 9424, Confirmatory License	Country: USA Zip: 20310				
Other	Additional name(s) & address(es) ettacted? Yes X No				
4. Application or patent number(s):	document is being filed together with a new application.				
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A. Patent Application No.(s)	B. Patent No.(s)				
	B. Patent No.(5)				
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	B. Patent NO.(5)				
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13/366.436 Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: US Amy Research Laboratory Internal Address: Amy Research Laboratory Internal Address: 200 Powder Mill Road Street Address: 2800 Powder Mill Road City: Additant State: Marland Zip: 20293 Phone Number: 301.394.3972	tached? Yes No 6. Total number of applications and patents involved; 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 4000 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting litte) 8. Payment information Deposit Account Number 19-2201				
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13/366.436 Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: U.S. Amy Research Laboratory Internal Address: Amy Research Laboratory Internal Address: 200 Powder Mill Road Street Address: 2200 Powder Mill Road City: Adelphi State: Markand Zip: 20283 Phone Number: 301-394-3972 Email Address: curve miller, stores mil.	Authorized User Name_GuyM.Miler				
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13/366.436 Additional numbers at 5. Name and address to whom correspondence concerning document should be mailed: Name: U.S. Amy Research Laboratory Internal Address: Amy Research Laboratory Internal Address: 200 Powder Mill Road Street Address: 2200 Powder Mill Road City: Adelphi State: Markand Zip: 20283 Phone Number: 301-394-3972 Email Address: curve miller, stores mil.	Authorized User Name_GuyM.Miler				

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HS: Host send HR: Host receive WS: Waiting send PL: Polled local PR: Polled remote MS: Mailbox save MP: Mailbox print CP: Completed FA: Fail TU: Terminated by user TS: Terminated by system G3: Group 3 RP: Report EC: Error Correct PATENT REEL: 036407 FRAME: 0193

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