504845584 03/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4892321

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA	· ·	
	Name	Execution Date
CATHLEEN FREEMAN		03/29/2018
ANDREW ZIMMER		03/29/2018
MARK MOTYKA		03/29/2018
CHRISTOPHER CSERNICA		03/29/2018
ANTHONY HAWTHORNE		03/27/2018

RECEIVING PARTY DATA

Name:	U.S. GOVERNMENT AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	RDAR-GCL/BLDG. 3
Internal Address:	U.S. ARMY RDECOM-ARDEC
City:	PICATINNY ARSENAL, DOVER
State/Country:	NEW JERSEY
Postal Code:	07806-5000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15941142

CORRESPONDENCE DATA

Fax Number: (973)724-5552 Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail. Phone: 973-724-3449 Email: lori.hanko.civ@mail.mil Correspondent Name: LORI HANKO Address Line 1: **RDAR-GCL / BLDG 3** Address Line 2: **U.S. ARMY RDECOM-ARDEC** Address Line 4: PICATINNY ARSENAL, NEW JERSEY 07806-5000

ATTORNEY DOCKET NUMBER:	2017-008
NAME OF SUBMITTER:	LISA H. WANG
SIGNATURE:	/Lisa H. Wang/
DATE SIGNED:	03/30/2018

Total Attachments: 3

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	RM COVER SHEET
PATENI	SONLY
	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Cathleen Freeman; Andrew Zimmer; Mark Motyka; Christopher	Name U.S. Government as Represented by the Secretary of the
Csernica; Anthony Hawthorne	Internal Address U.S. Army RDECOM-ARDEC 74094
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)3/29/2018 -last party is 3/27/2018	
Assignment Merger	
Security Agreement Change of Name	City: Picatinny Arsenal, Dover
Joint Research Agreement	State:NJ
Government Interest Assignment	Country:US Zip 07806-5000
Executive Order 9424, Confirmatory License	Country <u>so</u>
Other	Additional name(s) & address(es) attached? 🗌 Yes 🖾 No
	document serves as an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s)	B. Patent No.(s)
15/941,142 Filer 3/80/18	
Additional numbers att	ached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Namelon Hanko	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address:U.S. Army RDECOM-ARDEC	
2	Authorized to be charged to deposit account
Street Address:RDAR-GCL/Bldg. 3	Enclosed
	None required (government interest not affecting title)
City; Picatinny Arsenal, Dover	8. Payment Information
State:NJ Zip07806-5000	50 _w
Phone Number: 973-724-3449	
Docket Number:0/ つ -008	Deposit Account Number
Email Address:lori.hanko.civ@mail.mil	Authorized User Name
9. Signature: /Lisa H. Wang/	•
Signature	Date
Lisa H. Wang	
Lioa (). vyaliy	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:
Name of Person Signing Documents to be recorded (including cover sheet	sheet, attachments, and documents:

PATENT REEL: 045394 FRAME: 0475

ASSIGNMENT OF INVENTION

Patent Application Title: AUTOMATED PRIMER MANUFACTURING MACHINE AND PROCESS

Inventor(s): Cathleen Freeman, Andrew Zimmer, Mark Motyka, Christopher Csernica and Anthony

Hawthorne.

Provisional App	lication Seria	I No. <u>62/482,817</u>	Filing d	date 4/7/2017	
Patent Applicat	ion Serial No	15thy1,143 Filing	Date:	<u>2/30/18 </u>	Date Oath executed:
ە. ب	XLIUQ, S	<u> 59 7 - N39 8</u>	<u>, 3/39</u> ,	12,3/27/18	8

Docket No.: 2017-008

Patent Number

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

 Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions and Puerto Rico, in and to the above-identified invention(s), provisional application(s) including any applications claiming priority to such provisional application, non-provisional application(s) for patent, and Patent Cooperation Treaty application(s), and any continuation, continuation-in-part or division of said application(s) and all Letters Patent issuing thereon, and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, all right, 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 or files a Patent Cooperation Treaty application; 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, or fails to file a Patent Cooperation Treaty application, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent 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.

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

Cathleen Freeman 217 Hilltop Ct. Pompton Lakes, NJ 07442	Mus-	3/29/2018
Typed Legal Name and Unite	d States Address of Inventor (2) - (Citiz	enship-U.S.A.):
Andrew Zimmer 48 E. Shawnee Trl. Wharton, NJ 07885	1	
	and the second	3/29/2018

PATENT REEL: 045394 FRAME: 0476

Mark Motyka 51 Ozone Ave. Cedar Grove, NJ 07009 Date signed + Signature: Mosthe Mother 3/29/18 Typed Legal Name and United States Address of Inventor (4) - (Citizenship-U.S.A.): **Christopher Csernica** 36 Mount Lebanon Road Port Murray, NJ 07865 100 100 Date signed + Signature: 3/29/18 Typed Legal Name and United States Address of Inventor (5) - (Cilizenship-U.S.A.): Anthony Hawthorne 14 Black Oak Trail Vernon, NJ 07462 Date signed + Signature:

Page 2 of 2 Pages

PATENT REEL: 045394 FRAME: 0477

RECORDED: 03/30/2018