

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rao Yalamanchili</td> <td>02/11/2011</td> </tr> <tr> <td>John Hirlinger</td> <td>02/15/2011</td> </tr> <tr> <td>Christopher Csernica</td> <td>02/11/2011</td> </tr> </tbody> </table>		Name	Execution Date	Rao Yalamanchili	02/11/2011	John Hirlinger	02/15/2011	Christopher Csernica	02/11/2011				
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>U.S. Government as Represented by the Secretary of the Army</td> </tr> <tr> <td>Street Address:</td> <td>RDAR-GCL/Bldg. 3</td> </tr> <tr> <td>Internal Address:</td> <td>U.S. ARMY RDECOM-ARDEC</td> </tr> <tr> <td>City:</td> <td>Picatinny Arsenal, Dover</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07806-5000</td> </tr> </table>		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
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<b>CORRESPONDENCE DATA</b>													
Fax Number: (973)724-5552 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 973-724-3449 Email: lorilee.andrews@us.army.mil Correspondent Name: Lori Andrews 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:	2009-088												
NAME OF SUBMITTER:	Henry S. Goldfine												
Total Attachments: 4													

CH \$40.00 12983970

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**PATENT**  
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PATENTS ONLY**

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)**

Rao Yalamanchili; John Hirlinger; Christopher Csernica

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 2/11/11; 2/15/11; 2/11/11 respectively

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: U.S. Government as Represented by the Secretary of the Army

Internal Address: U.S. Army RDECOM-ARDEC

Street Address: RDAR-GCL/Bldg. 3

City: Picatinny Arsenal, Dover

State: NJ

Country: US Zip 07806-5000

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/983,970 Filing Date: 1/4/2011

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Lori Andrews

Internal Address: U.S. Army RDECOM-ARDEC

Street Address: RDAR-GCL/Bldg. 3

City: Picatinny Arsenal, Dover

State: NJ Zip 07806-5000

Phone Number: 973-724-3449

Fax Number: 973-724-5552

Email Address: lorilee.andrews@us.army.mil

**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  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 19-2201

Authorized User Name Henry S. Goldfine

**9. Signature:**

/Henry S. Goldfine/

Signature

February 16, 2011

Date

Henry S. Goldfine

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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

ASSIGNMENT OF INVENTION

Patent Application Title: **ELECTRIC PRIMER**

Inventor(s): Rao Yalamanchili; John Hirlinger; Christopher Csernica

Provisional Application Serial No. \_\_\_\_\_ Filing date \_\_\_\_\_

Patent Application Serial No. 12/983,970 Filing Date: 1/4/2011 Date Oath executed: 2/11/11; 2/15/11; 2/11/11 respectively

Docket No.: 2009-088

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:

1. 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), application(s) for patent, and Patent Cooperation Treaty application(s), and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application(s) 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.

3. 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.

Signature of Inventor

R. Yalamanchili

Date:

2/11/11

Typed Name of Inventor: Rao Yalamanchili

Address: 14 Hermanne Drive, Flanders, NJ 07636

Signature of Inventor \_\_\_\_\_

Date: \_\_\_\_\_

Typed Name of Inventor: John Hirlinger

Address: 11 Harmony Lane, Hackettstown, NJ 07840

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Signature of Inventor \_\_\_\_\_ Date: \_\_\_\_\_

Typed Name of Inventor: Rao Yalamanchili

Address: 14 Hermans Drive, Flanders, NJ 07836

Signature of Inventor John M. Hirlinger Date: 15 Feb 2011

Typed Name of Inventor: John Hirlinger

Address: 11 Harmony Lane, Hackensack, NJ 07640

Signature of Inventor Ch M. Cernica Date: 2/11/2011

Typed Name of Inventor: Christopher Cernica

Address: 36 Mount Lebanon Road, Port Murray, NJ 07865