

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANAND V. SAMPATH	07/16/2018
MICHAEL WRABACK	07/16/2018
PAUL H. SHEN	07/16/2018
VIJAY S PARAMESHWARAN	07/16/2018
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Property Type	Number
Application Number:	16036464
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DATE SIGNED:	08/14/2018
Total Attachments: 3	
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ASSIGNMENT AND AGREEMENT

Title of Invention: Electron Acceleration and Capture Device for Preserving Excess Kinetic Energy to Drive Electrochemical Reduction Reactions

Inventor(s) **Anand V. Sampath, Michael Wraback, Paul H. Shen, Vijay S. Parameshwaran**

Date Declaration Executed: **7/16/2018**

*Application Serial No.: **16/036,464**

*Filing Date: **7/16/2018**

Docket No.: **ARL 15-28**

*(*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, royalty-free 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: _____

(First name)

(Middle Initial)

(Last Name)

Duty Address: **Army Research Laboratory, Adelphi,**
(Locality)

Montgomery
(County)

Maryland
(State)

Date: **7/16/2018** Typed name of Inventor: **Anand V. Sampath**

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

State of: **Maryland**) SS.

County of: **Montgomery**) *[place where acknowledgement is taken]*

On the above date **Anand V. Sampath** 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 L. Loman

(Printed or typewritten name of notary public)

(Signature of notary public)

My Commission expires on **February 27, 2019**

(SEAL)

PATENT

REEL: 046798 FRAME: 0314

Signature of Inventor: Michael Wraback
(First name) (Middle Initial) (Last Name)

Duty Address: Army Research Laboratory, Adelphi, Montgomery Maryland
(Locality) (County) (State)

Date: 07/16/2018 Typed name of Inventor: **Michael Wraback**

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

State of: Maryland) SS.

County of: Montgomery) [place where acknowledgement is taken]

On the above date Michael Wraback 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 L. Loman
(Printed or typewritten name of notary public)
Nadine L. Loman
(Signature of notary public)

My Commission expires on February 27, 2019

Signature of Inventor: Paul H. Shen
(First name) (Middle Initial) (Last Name)

Duty Address: Army Research Laboratory, Adelphi, Montgomery Maryland
(Locality) (County) (State)

Date: 7/16/2018 Typed name of Inventor: **Paul H. Shen**

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

State of: Maryland) SS.

County of: Montgomery) [place where acknowledgement is taken]

On the above date Paul H. Shen 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 L. Loman
(Printed or typewritten name of notary public)
Nadine L. Loman
(Signature of notary public)

PATENT

REEL: 046798 FRAME: 0315

My Commission expires on February 27, 2019

Signature of Inventor: Vijay S. Parameshwaran
(First Name) (Middle Initial) (Last Name)

Duty Address: Army Research Laboratory, Adelphi, Montgomery Maryland
(Locality) (County) (State)

Date: 7/16/2018 Typed name of Inventor: Vijay S. Parameshwaran

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

State of: Maryland) SS.

County of: Montgomery) *[place where acknowledgement is taken]*

On the above date Vijay S. Parameshwaran 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 L. Loman
(Printed or typewritten name of notary public)
Nadine L. Loman
(Signature of notary public)

My Commission expires on February 27, 2019

