

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KRISTOPHER A. DARLING	09/11/2018
SCOTT M. GRENDahl	09/11/2018
LASZLO J. KECSKES	10/15/2018
HEATHER A. MURDOCH	09/11/2018
ANTHONY J. ROBERTS	09/11/2018
BILLY C. HORNBuckle	09/11/2018
RECEIVING PARTY DATA	
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Street Address:	101 ARMY PENTAGON
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Postal Code:	20310
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16130629
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	ARL 17-27CIP
NAME OF SUBMITTER:	NADINE L. LOMAN
SIGNATURE:	/Nadine L. Loman/
DATE SIGNED:	10/18/2018

Total Attachments: 5

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PATENT

REEL: 047261 FRAME: 0466

ASSIGNMENT AND AGREEMENT

Title of Invention: NANOCRYSTALLINE HIGH TEMPERATURE MACHINE PARTS

Inventor(s): Kristopher A. Darling, Scott M. Grendahl, Laszlo J. Kecskes, Kiran N. Solanki, Heather A. Murdoch,
Thomas L. Luckenbaugh, Anthony J. Roberts, and Billy C. Hornbuckle

Date Declaration Executed: 9/11/18, 9/12/18, 9/13/18

*Application Serial No.: 16/130,629 *Filing Date: 9/13/2018 Docket No.: ARL 17-27CIP

(*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: Aberdeen Proving Ground, Aberdeen
(Locality)

Harford
(County)

Maryland
(State)

Date: 9-11-2018 Typed name of Inventor: Kristopher A. Darling

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

State of: MARYLAND) SS.

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

On the above date Kristopher A. Darling 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.

(SEAL)

LANDRUM WILLIAM BOSTEN

(Printed or typewritten name of notary public)

Landrum William Bosten
(Signature of notary public)

My Commission expires on 8/6/21

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

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: 9/11/18 Typed name of Inventor: Scott M. Grendahl

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

State of: MARYLAND) SS.

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

On the above date Scott M. Grendahl 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.

(SEAL)

LAWRENCE WILLIAM BURTON
(Printed or typewritten name of notary public)
Lawrence William Burton
(Signature of notary public)

My Commission expires on 9/6/21

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

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: _____ Typed name of Inventor: Laszlo J. Kecskes

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

State of: _____) SS.

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

On the above date Laszlo J. Kecskes 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.

(SEAL)

(Printed or typewritten name of notary public)

(Signature of notary public)

My Commission expires on _____

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

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: _____ Typed name of Inventor: **Scott M. Grendahl**

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

State of: _____) SS.

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

On the above date Scott M. Grendahl 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.

(Printed or typewritten name of notary public)

(Signature of notary public)

(SEAL)

My Commission expires on _____

Signature of Inventor: L J J Kecskes
(First name) (Middle Initial) (Last Name)

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: Oct. 15, 2018 Typed name of Inventor: **Laszlo J. Kecskes**

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

State of: VIRGINIA) SS.

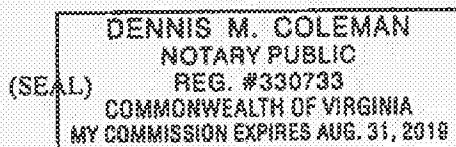
County of: LOUDOUN) [place where acknowledgement is taken]

On the above date Laszlo J. Kecskes 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.

Dennis M. Coleman
(Printed or typewritten name of notary public)

[Signature]
(Signature of notary public)

My Commission expires on 8-31-2019



Signature of Inventor: Heather A. Murdoch
(First name) (Middle Initial) (Last Name)

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: SEPT 11 2018 Typed name of Inventor: Heather A. Murdoch

***** (notarizing preferred) *****
State of: MARYLAND) SS.
County of: HARFORD) [place where acknowledgement is taken]

On the above date Heather A. Murdoch 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.

(SEAL)

LAWRENCE WILLIAM BURTON
(Printed or typewritten name of notary public)
Lawrence William Burton
(Signature of notary public)

My Commission expires on 8/6/21

Signature of Inventor: Anthony J. Roberts
(First name) (Middle Initial) (Last Name)

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: 9-11-18 Typed name of Inventor: Anthony J. Roberts

***** (notarizing preferred) *****
State of: MARYLAND) SS.
County of: HARFORD) [place where acknowledgement is taken]

On the above date Anthony J. Roberts 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.

(SEAL)

LAWRENCE WILLIAM BURTON
(Printed or typewritten name of notary public)
Lawrence William Burton
(Signature of notary public)

My Commission expires on 8/6/21

Signature of Inventor: Billy C Hornbuckle
(First name) (Middle Initial) (Last Name)

Duty Address: Aberdeen Proving Ground, Aberdeen Harford Maryland
(Locality) (County) (State)

Date: 9/11/18 Typed name of Inventor: Billy C. Hornbuckle

***** (notarizing preferred) *****
State of: MARYLAND SS.
County of: HARFORD [place where acknowledgement is taken]

On the above date Billy C. Hornbuckle 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.

(SEAL)

LAWRENCE WILLIAM BARN
(Printed or typewritten name of notary public)
Lawrence William Barn
(Signature of notary public)

My Commission expires on 9/6/21