507662060 12/22/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUKE B BORKOWSKI	12/16/2022
ALEXANDER STAROSELSKY	12/20/2022

RECEIVING PARTY DATA

Name:	RAYTHEON TECHNOLOGIES CORPORATION	
Street Address:	1000 WILSON BOULEVARD	
City:	ARLINGTON	
State/Country:	VIRGINIA	
Postal Code:	22209	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18086944

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ATTORNEY DOCKET NUMBER:	63584.29700 / 132006US02	
NAME OF SUBMITTER:	FRANCIS LAMMES	
SIGNATURE:	/FRANCIS LAMMES/	
DATE SIGNED:	12/22/2022	

Total Attachments: 3

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> PATENT REEL: 062182 FRAME: 0537 507662060

ASSIGNMENT

WHEREAS, Luke B. Borkowski and Alexander Staroselsky of 411 Silver Lane, East Hartford, CT 06118 have invented certain improvements in

PRODUCING ULTRA-FINE-GRAINED MATERIALS USING ADDITIVE MANUFACTURING

identified as Attorney Docket No. 63584.29700 / 132006US02 and described in a patent application as further identified herein below, and

WHEREAS, **RAYTHEON TECHNOLOGIES CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1000 Wilson Boulevard, Arlington, VA 22209 (hereinafter Assignee), is desirous of acquiring the entire worldwide right, title and interest in and to said invention or inventions and any and all patents, utility models, design patents or other industrial property rights to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned does hereby sell, assign, transfer and set over unto Assignee, its successors and assigns, to the extent owned or assignable by the undersigned, all right, title and interest in and to:

- said invention or inventions, as described in the aforesaid patent application, in any form or embodiment thereof, and in and to the aforesaid application;
- any application filed in any country, jurisdiction or other authority based thereon, including direct or indirect nonprovisional, divisional, continuation-in-part or substitute applications, and including the right to file said applications under the provisions of the Paris Convention for the Protection of Industrial Property, the Patent Corporation Treaty or other international convention or agreement;
- any and all patents or reissues or extensions thereof to be obtained in any country, jurisdiction or other authority which may be filed upon said invention or inventions in any country or other authority;
- all such rights relating to prior infringements, retroactive or past royalties, provisional rights, and other retroactive or past relief or compensation.

The undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to Assignee or its successors and assigns.

The undersigned further authorizes and agrees that Assignee can pursue any and all claims that are enabled by any patent application associated with the invention or inventions.

The undersigned further agrees, to communicate to Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid Assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in any country.

(Inventor Assignment) RTRC Inventor to RTX – Rev. 09 Sep 2021 4874-2864-1313

The undersigned hereby authorizes the A noted international patent application into	ssignee to insert the application number and filing date of the above- the following spaces, when known:	
Application No. Country or Receiving Office: Filing Date: Inventors:	TBA United States TBA LUKE B. BORKOWSKI, ALEXANDER STAROSELSKY RANADIP ACHARYA, SERGEY MIRONETS	
IN TESTIMONY WHEREOF, after her/his signature.	the undersigned has hereunto set her/his hand and seal on the date	
/Luke B. Borkowski/ LUKE B. BORKOWSKI	Date: 12/16/2022	

Date:_____

ALEXANDER STAROSELSKY

The undersigned hereby authorizes the Assignee to insert the application number and filing date of the abovenoted international patent application into the following spaces, when known:

Application No.

TBA

Country or Receiving Office: United States

TBA

Inventors: LUKE B. BORKOWSKI, ALEXANDER STAROSELSKY

RANADIP ACHARYA, SERGEY MIRONETS

IN TESTIMONY WHEREOF, the undersigned has hereunto set her/his hand and seal on the date after her/his signature.

LUKE B. BORKOWSKI	Date:
Alex Staroselsky	12/20/22 Date:
ALEXANDER STAROSELSKY	- ****

(Inventor Assignment) RTRC Inventor to RTX – Rev. 09 Sep 2021 4874-2864-1313

RECORDED: 12/22/2022

Filing Date:

PATENT REEL: 062182 FRAME: 0540