506202328 08/13/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6249067

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RYAN M. DUNN	07/18/2019

## **RECEIVING PARTY DATA**

Name:	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	101 ARMY PENTAGON
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20310

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16990164

#### CORRESPONDENCE DATA

**Fax Number:** (301)394-3972

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:** 301-394-1774

Email: nadine.l.loman.civ@mail.mil

Correspondent Name: NADINE L. LOMAN

Address Line 1: 2800 POWDER MILL ROAD

Address Line 2: CCDC U.S. ARMY RESEARCH LABORATORY

Address Line 4: ADELPHI, MARYLAND 20783

ATTORNEY DOCKET NUMBER:	ARL 19-32
NAME OF SUBMITTER:	NADINE L. LOMAN
SIGNATURE:	/Nadine L. Loman/
DATE SIGNED:	08/13/2020

**Total Attachments: 1** 

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PATENT 506202328 REEL: 053487 FRAME: 0475

# ASSIGNMENT AND AGREEMENT ORISE RESEARCH PARTICIPANTS

The U.S. Army Research Laboratory (ARL) has a formal Memorandum of Agreement with the U.S. Department of Energy (DOE) for participation in the Oak Ridge Institute for Space and Education (ORISE) program. The Oak Ridge Associated Universities (ORAU) operates the ORISE for the DOE and administers educational appointments for students, faculty, teachers and postgraduates (hereinafter referred to as Participants) at sponsored-approved host facilities. The terms of a Participant's appointment are considered to be educational in nature. In recognition of the statutory intent set forth in 35 U.S.C. §212, neither ORAU nor the Federal Government are granted any rights to inventions made by the Participant during said Participant's appointment and ownership of inventions initially resides with the Participant.

If, as a Participant under the ORISE program, you do not intend to pursue patent protection privately and voluntarily desire to assign your invention to the U.S. Government to become eligible to share royalties from the Government's licensing of your invention pursuant to 15 U.S.C. §3710c and Army policy, please complete and sign the bottom portion of this form. The Participant is encouraged to engage his or her own lawyer for counseling regarding the rights and obligations the Participant has with respect to the invention identified herein.

TO BE COMPLETED BY IP LAW BRANCH PERSONNEL
1. Title of Invention: Integral Printed Shell for High Strength 3D-Printed Polymers Parts
2. *Application Serial No.: 16/990,164 *Filing Date: 8/11/2020 Docket: ARL 19-32 (*I hereby authorize the application serial number and filing date of said application be added when known.)
3. Name of Participant Inventor: Ryan M. Dunn
4. Name of Co-Inventor(s) if applicable <u>Fric D. Wetzel. Kevin R. Hart</u>
5. Complete name of host ARL Organization at the time the invention was made.
Weapons & Materials Research (WMRD)
TO BE COMPLETED BY THE INVENTOR (PARTICIPANT)

I, THE PARTICIPANT IDENTIFIED HEREIN, IN CONSIDERATION OF BECOMING ELIGIBLE TO SHARE ROYALITES IN THE LICENSING OF THE ABOVE IDENTIFIED INVENTION AND OTHER BENEFITS ATTRIBUTABLE TO MY APPOINTMENT AT ARL, WILL ASSIGN AND DO HEREBY ASSIGN TO THE UNITED STATES GOVERNMENT MY ENTIRE DOMESTIC RIGHT, TITLE AND INTEREST IN AND TO THE ABOVE IDENTIFIED INVENTION AND AGREE TO EXECUTE ANY ADDITIONAL DOCUMENTS NECESSARY TO EVIDENCE TRANSFER OF TITLE OF THE INVENTION TO THE U.S. GOVERNMENT WHEN REQUESTED AND TO COOPERATE IN EXECUTING ALL DOCUMENTS NECESSARY TO ENABLE THE GOVERNMENT TO OBTAIN PATENT PROTECTION THEREON.

I further agree to assign to the U.S. 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.

Signature of Inventor

RECORDED: 08/13/2020

Date

Version 10-5-17 (Domestic)

PATENT REEL: 053487 FRAME: 0476