PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE			

CONVEYING PARTY DATA

Name	Execution Date
WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	07/29/2022

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY		
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City: WASHINGTON			
State/Country:	D.C.		
Postal Code:	20585		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17876332

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DATE SIGNED:	09/22/2022

Total Attachments: 1

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PATENT 507504991 REEL: 061176 FRAME: 0741

License to the United States Government

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

Im	mproved Proc	ess to 1	Recover	High-	Grade	Rare	Earth	Elem	ents	
Invention Title: an	nd Other Cri	tical M	aterials	from	Acid	Mine	Drain	age		
Paul	F Ziemkiewi	icz, Jam	nes Cons	tant,	David	К Но	ffman	Jr.,	John	
Inventor(s): D Qua	aranta									
J.S. Filing/Issue Date: 07/28/2022										
Patent or Application Serial No.: 17/876, 332										
Grant/Contract Number(s): DE-FE0031834										
Foreign Applications filed/intended in (countries):										

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Sig	ned this	29th		day of	July		, 20 <u>22</u>	1
Ву	James	Dottavi	io		Qa	mes Dot	tavio	
	(Institutio	nal Busine	ess Official)		(Sign <i>a</i> fure)		
Titl	e Direc	tor of	Technology	Transfer	,			
For	r WEST VI	RGINIA	UNIVERSITY	RESEARCH	CORPORATION		_	
	(Gran	ntee/Cont	ractor Organi	zation)				
Αt	886 Che Morgant		-	Office of	Technology	Transfer,	P.O. Box	6224
	(Business	Address))					•

RECORDED: 09/22/2022

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