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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIAOYUAN FAN	07/15/2019
XINYA LI	08/09/2019
EMILY L. BARRETT	07/15/2019
QIUHUA HUANG	07/22/2019
JAMES G. O'BRIEN	07/15/2019
RENKE HUANG	08/12/2019
ZHANGSHUAN HOU	07/15/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16435352	

CORRESPONDENCE DATA

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Email: steve@colbynipper.com STEPHEN M. NIPPER **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	BA0009P
NAME OF SUBMITTER:	STEPHEN M. NIPPER
SIGNATURE:	/Stephen M. Nipper/
DATE SIGNED:	02/12/2020

Total Attachments: 8 source=BA0009P_Assignments#page1.tif source=BA0009P_Assignments#page2.tif source=BA0009P_Assignments#page3.tif source=BA0009P_Assignments#page4.tif source=BA0009P_Assignments#page5.tif source=BA0009P_Assignments#page6.tif source=BA0009P_Assignments#page7.tif source=BA0009P_Assignments#page8.tif

ASSIGNMENT

Inventors: Xiaoyuan Fan, Xinya Li, Emily L. Barrett, Qiuhua Huang, James G. O'Brien, Renke

Huang, and Zhangshuan Hou.

Assignee: Battelle Memorial Institute, an Ohio corporation having a principal place of business in

the city of Richland, Washington.

Whereas, We, the above-identified Inventors, have invented certain new and useful improvements in: **Transformative Remedial Action Scheme Tool** (hereinafter referred to as the "Invention") for which we are making/have made application for Letters Patent in the United States of America;

And, whereas we desire to assign a one-hundred percent (100%) undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee;

And whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged:

We hereby assign, sell and transfer a one-hundred percent (100%) undivided interest in said invention, said application, including any non-provisionals, divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

We hereby authorize and request the Director of the United States Patent and Trademark Office to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto; and

We further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

We further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing non-provisionals, divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense; and

We hereby authorize and request that the attorney of Battelle Memorial Institute, Mr. Stephen M. Nipper, of Colby Nipper PLLC, 291 E Shore DR, Eagle, ID 83616, when recording this assignment with the USPTO for the above application for Letters Patent in the United States of America, to insert in parentheses below the filing date and application number of said application when known.

Application Number: filed herewith as (16/435,352) Filing Date: filed herewith on (June 7, 2019)

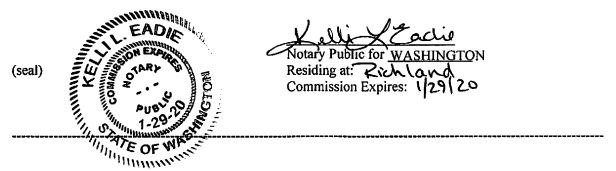
Page 2 of 9
Signature: Executed this It day of July 2019.
STATE OF <u>WASHINGTO</u> N)
County of Benton)
On this \tag{Tuly}, 2019, before me, a Notary Public in and for said State, personally appeared Xiaoyuan Fan, known or identified to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.
Notary Public for WASHINGTON Residing at: Richland Commission Expires: 1/29/20
OF WASHING TO THE WASHINGTON

Signature:	-7 Executed this	day of Anglyst 2019
Xinya Li	NIL X # 819	1_day of <u>Myrse</u> 2019. 172 880 L: 1019122
STATE OF New York,	W/S DE OF	: 10/9/22
County of MANN ; ss.		
On this May of Mut, 2	.019, before me, a Notary Publ	ic in and for said State, persona name is subscribed to the with
instrument and acknowledged to me that l		
IN WIFNESS WHEREOF, I have hereur this certificate first above written.	nto set my hand and affixed m	y official seal the day and year
		OMALASS
	Notary Public for	
(Seal)	Residing at: U Commission Expires:	RELIVANICO MARA No. 4950979 1 Notary Rubic, Spir of New York Guideling In Coding Coomy 1 My Commission Expression 222020
		My Commission Expression 2/20/2/

Residing at: Rich! Commission Expires:

On this 15th day of ______, 2019, before me, a Notary Public in and for said State, personally appeared Zhangshuan Hou, known or identified to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



RECORDED: 02/12/2020