PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN T. FEO	10/23/2014
DAVID J. HAGLIN	10/20/2014
ALESSANDRO MORARI	10/23/2014
ANTONINO TUMEO	10/20/2014
ORESTE VILLA	10/15/2014
JESSE R. WEAVER	10/20/2014

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	P.O. BOX 999, K1-53
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99352

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16167008

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	RYAN A HECK	
SIGNATURE:	/Ryan A Heck, Reg No 51795/	
DATE SIGNED:	03/17/2021	

Total Attachments: 9

PATENT REEL: 055624 FRAME: 0456

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PATENT REEL: 055624 FRAME: 0457

ASSIGNMENT OF PATENT RIGHTS

John T. Feo David J. Haglin Alessandro Morari Antonino Tumeo Oreste Villa Jesse R. Weaver

To
Battelle Memorial Institute

WHEREAS, we, John T. Feo of Kennewick, County of Benton, State of Washington; David J. Haglin of Richland, County of Benton, State of Washington; Alessandro Morari of Seattle, County of King, State of Washington; Antonino Tumeo of Richland, County of Benton, State of Washington; Oreste Villa of West Richland, County of Benton, State of Washington; and Jesse R. Weaver of Richland, County of Benton, State of Washington; hereinafter INVENTORS, have made certain inventions related to, SYSTEM AND METHOD OF STORING AND ANALYZING INFORMATION including those, described and claimed in various disclosures including:

14/339,163

U.S. Patent Application No. 14/336,163, filed July 23, 2014, Entitled: System and Method of Storing and Analyzing Information

For which we are about to make application for Letters Patent of the United States; collectively referred to hereinafter as INVENTIONS;

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, We the INVENTORS have each sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and We each do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

We each further covenant and agree that we each will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that each of us will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

We each further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute

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assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

Executed at Richland, State of Washington, this 23 day of October, 2014.
John T. Feo
STATE OF Washington)
) ss. COUNTY OF Benton
)
This 23 day of, 2014, before me personally came the above-named John T. Feo, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.
Notary Public for the State of Washington My commission expires: 129/16
[SEAL] My commission expires: 129/16

Executed at Richland, State of Washington, this	20 day of Oct , 2014.
	David J. Haglin
STATE OF Washington) ss. COUNTY OF Benton)	
Haglin, who executed the foregoing instrument in	
that he executed the same of his own free will for	Notary Public for the State of Washington My commission expires: 12916
[SEAL] 1-29 MAN ATE OF WALL	
" " " " " " " " " " " " " " " " " " "	

Executed at Richland, State of Was	shington, this <u>2</u>	3 day of 0000866	§ 2014.
		Allessandro Morari	~~ <u>)</u>
STATE OF Washington COUNTY OF Benton)) ss.)		
This <u>23rd</u> ay of <u>October</u> , Morari, who executed the foregoin that he executed the same of his ov	g instrument in n	ny presence, and who ac	knowledged to me
EADINININININININININININININININININININ		Notary Public for the Sta My commission expires:	
[SEAL]		. 	

Executed at Richland, State of Washington, this 20	Oth day of <u>october</u> , 2014.
	Antonino Tumeo
STATE OF Washington)) ss. COUNTY OF Benton)	
This 20 day of 2010 , 2014, before m Tumeo, who executed the foregoing instrument in n that he executed the same of his own free will for the	ny presence, and who acknowledged to me
- Carried Example	Notary Public for the State of Washington My commission expires: \\\[\lambda 29 \rac{1}{\lambda} \\\
[SEAL] 1-29	

Executed at Richland, State of Washington, this 15th	_day of <u>Octobe</u> , 2014.
O	reste Villa
STATE OF Washington) ss.	
COUNTY OF Benton)	
This tay of the foregoing instrument in my present the executed the foregoing instrument in my present the executed the same of his own free will for the purpose	sence, and who acknowledged to me that
E SAR COLOR	ry Public for the State of Washington commission expires:
[SEAL] JULIA OF WASHINGTON	

Executed at Richland, State of Washington, this 20 day of October, 2014.
Jesse R. Weaver
Jesse R. Weaver
STATE OF Washington)
COUNTY OF Benton) ss.
This 20 day of October, 2014, before me personally came the above-named Jesse R. Weaver, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.
Le Vi Ladie
Notary Public for the State of Washington My commission expires: 129/16
[SEAL]
"IN ATE OF THE