506929736 10/19/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
REZA GHORBANI	10/18/2021

RECEIVING PARTY DATA

Name:	UNIVERSITY OF HAWAII	
Street Address:	2444 DOLE STREET, BACHMAN HALL	
City:	HONOLULU	
State/Country:	HAWAII	
Postal Code:	96822	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16471974

CORRESPONDENCE DATA

Fax Number: (202)772-5858

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: 202 420-2200

Email: regina.fields@blankrome.com

Correspondent Name:

Address Line 1:

Address Line 4:

BLANK ROME LLP

1825 EYE STREET, NW

WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	151901.00102	
NAME OF SUBMITTER:	MICHAEL C. GREENBAUM	
SIGNATURE:	/Michael C, Greenbaum/	
DATE SIGNED:	10/19/2021	

Total Attachments: 3

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PATENT 506929736 REEL: 057835 FRAME: 0248

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Reza Ghorbani, residing at 1112 Kahukui Street, Honolulu, Hawaii 96825 (hereinafter referred to as "Assignor"), witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in HYBRID ENCRYPTION FOR CYBER SECURITY OF CONTROL SYSTEMS, set forth in a Patent application for Letters Patent of the United States filed on June 20, 2019 as U.S. Patent Application No. 16/471,974, and

WHEREAS, University of Hawaii, a corporation organized under and pursuant to the laws of Hawaii, having its principal place of business at 2444 Dole Street, Bachman Hall, Honolulu, Hawaii 96822 (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to Assignor's interest in the above-mentioned inventions, application for Letters Patent, any applications claiming the benefit of said application, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part claiming the benefit of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the

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International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.

AND for the same consideration, the said Assignor hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same is unencumbered and that the said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignor hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignor will, whenever counsel of the said Assignee or the counsel of their successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignee, its successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND said Assignor hereby requests the Commissioner of Patent and Trademarks to issue

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said Letters Patent of the United States to the said Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

The undersigned hereby grants the firm of BLANK ROME LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this

document.	
Date: 10/18/2021	<u>M</u>
	SANO//
STATE OF HAWA'II)	
COUNTY OF Hanolulu	
On this 8th day of October, 202	DE OF White me came Reza
Ghorbani, known to me, and known to me to be the annexed Assignment, and being duly sworn, ackn	ne person described in and who signed the
NOTARY PUBLIC Stucy Sanders	
Commission Expires: 4/17/2025	

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Stacy Sanders First Circuit
Doc. Description: 5901.00 P2

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