505586469 07/24/2019

EPAS ID: PAT5633268

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16448445

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NAME OF SUBMITTER: JAMES A. KUSHMAN

SIGNATURE: /James A. Kushman/

DATE SIGNED: 07/24/2019

Total Attachments: 2

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PATENT 505586469 REEL: 049841 FRAME: 0869

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)

POST-QUANTUM ASYMMETRIC KEY CRYPTOSYSTEM WITH ONE-TO-MANY

DISTRIBUTED KEY MANAGEMENT BASED ON PRIME MODULO DOUBLE ENCAPSULATION

The PATENT	RIGHTS re	ferred to in the	his agreement	are:	
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		` '	rial No	_	
		_			al Application
	-	• -	(date)		
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The PATENT	-				
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`	-	_	In this case, th	ne assignee	shall have the
	_				J.S. or foreign
ŗ	oatent applic	ation for this	invention.		_
The ASSIGN	OR(S) referr	red to in this	agreement is	(or are) the	e inventor(s) whose
signature(s) appea	ar(s) on page	2 of this As	signment and	any Supple	emental Sheets(s).
The ASSIGNI	EE referred t	to in this agre	ement is:		
(Name of Assigne	e) NATION	AL CHIÃO	TUNG UNI	VERSITY	
(Address) No. 1					Taiwan
The AS	SIGNEE is:				
(check one)	An Individu	ıal.			
	A Partnersh	ip.			
	A Corporati	ion of		(specif	y state or country)
X	(other)A	univers	ity of Tai	wan	

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention; the entire right, title and interest in and to the PATENT RIGHTS; the right to sue and recover for any past infringement; and, the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

	ĸ	reardo (
Ricardo Neftali Pontaza Ro	odas <i>f</i>	ontara de la	04-12-2019
Name of sole or first inventor	Signature	Date	
Ying-Dar LIN	Oji	id In	4-12-2019
Name of second inventor, if any	Signature	Date	
Name of third inventor, if any	Signature	Date	
Name of fourth inventor, if any	Signature	Date	
Name of fifth inventor, if any	Signature	Date	
Name of sixth inventor, if any	Signature	Date	1447 - 174

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