505827274 12/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT J. KAPINOS	12/02/2019
ROBERT NORTON	12/05/2019
RUSSELL SPEIGHT VANBLON	10/03/2019
SCOTT WENTAO LI	12/16/2019

RECEIVING PARTY DATA

Name:	LENOVO (SINGAPORE) PTE. LTD.
Street Address:	151, LORONG CHUAN
Internal Address:	#02-01, NEW TECH PARK
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	556741

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16587994

CORRESPONDENCE DATA

Fax Number:

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: 619-338-8075
Email: Noelle@rogitz.com
Correspondent Name: ROGITZ & ASSOCIATES
Address Line 1: 4420 HOTEL CIRCLE COURT

Address Line 2: SUITE 230

Address Line 4: SAN DIEGO, CALIFORNIA 92108

ATTORNEY DOCKET NUMBER:	RPS920190107-US-NP
NAME OF SUBMITTER:	JOHN L. ROGITZ
SIGNATURE:	/John L. Rogitz/
DATE SIGNED:	12/18/2019
	<u> </u>

Total Attachments: 4

PATENT REEL: 051317 FRAME: 0895 source=RPS920190107-US-NP_Assignment#page1.tif
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PATENT REEL: 051317 FRAME: 0896

ASSIGNMENT

Whereas, I/ we,

(1) ROBERT J. KAPINOS County of Durham City of Durham
State of North Carolina

(2) ROBERT NORTON County of Wake City of Raleigh
State of North Carolina

(3) RUSSELL SPEIGHT VANBLON County of Wake

City of Raleigh State of North Carolina

(4) SCOTT WENTAO LI County of Wake City of Cary State of North Carolina

have invented certain improvements in

Title: FACIAL RECOGNITION USING TIME-VARIANT USER CHARACTERISTICS

and executed a United States patent application therefor on the following date(s):

(1)
$$\frac{1000 - 12002}{(Date) 2014 - 12 - 05}$$
(2) $\frac{(Date)}{(Date)}$
(3) $\frac{(Date)}{(Date)}$
(4) $\frac{2019 - 12 - 16}{(Date)}$

Whereas, Lenovo (Singapore) Pte. Ltd., a corporation of Singapore, having a place of business at 151, Lorong Chuan, #02-01, New Tech Park, Singapore 556741, (hereinafter called Lenovo), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor.

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby acknowledge my/our prior existing obligation and hereby sell, assign, and transfer to Lenovo, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Lenovo, its successors and assigns; and I/we hereby agree that Lenovo may apply

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DOCKET NO. RPS920190107-US-NP

PATENT REEL: 051317 FRAME: 0897

ASSIGNMENT

Whereas, I/ we,

(1) ROBERT J KAPINOS
County of Ourham

City of Durham
State of North Carolina

(2) ROBERT NORTON County of Wake City of Raleigh State of North Carolina

(3) RUSSELL SPEIGHT VANBLON County of Wake

City of Raleigh State of North Carolina

(4) SCOTT WENTAO LI County of Wake

City of Cary State of North Carolina

have invented certain improvements in

Title: FACIAL RECOGNITION USING TIME-VARIANT USER CHARACTERISTICS

and executed a United States patent application therefor on the following date(s):

(1)		فسد
(%)	(Date)	
(2)	(Date)	••••
(3)	10-2-14	
(4)	(Date)	
4	(Date)	

Whereas, Lenovo (Singapore) Pte. Ltd., a corporation of Singapore, having a place of business at 151, Lorong Chuan, #02-01, New Tech Park, Singapore 556741, (hereinafter called Lenovo), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/we, the above named, hereby acknowledge my/our prior existing obligation and hereby sell, assign, and transfer to Lenovo, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to Lenovo, its successors and assigns; and I/we hereby agree that Lenovo may apply

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DOCKET NO. RPS920190107-US-NP

PATENT

REEL: 051317 FRAME: 0898

for foreign Letters Patent on the invention and I/we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Lenovo.

Signed and sealed:

	CITY/STATE	DATE	SIGNATURE
(1)	OUPHAWN L	2019-12-02	jak VL
(2)	Roleigh IVC	2019 12-05	ROBERT J. KAPINOS ANY LOS ROBERT NORTON
(3)		<u> </u>	RUSSELL SPEIGHT VANBLON
(4)	Carl M	2019-12-/6	SCOTT WENTAG LI

for foreign Letters Patent on the invention and I/we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Lenovo.

Signed and sealed:

	CITY/STATE	DATE	SIGNATURE
(1)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ROBERT J. KAPINOS
(2)			ROBERT NORTON
(3)	Raleigh, NC	10-3-19	RUSSELL SPEIGHT VANBLON
(4)			SCOTT WENTAO LI