#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3894150

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
FRED ALLISON BOWER III	04/15/2016
QIAN QIAONENG	04/21/2016
ANDREW JACK SLOMA	04/15/2016

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15167846

#### CORRESPONDENCE DATA

Fax Number: (408)971-4660

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: (408) 971-2573

Email: alma@zilkakotab.com **Correspondent Name:** ZILKA-KOTAB, PC Address Line 1: 1155 N. 1ST ST.

Address Line 2: SUITE 105

Address Line 4: SAN JOSE, CALIFORNIA 95112

ATTORNEY DOCKET NUMBER:	XRPS920160032-US-NP/64	
NAME OF SUBMITTER:	DOMINIC M. KOTAB	
SIGNATURE:	/Dominic M. Kotab/	
DATE SIGNED:	05/27/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

#### **Total Attachments: 3**

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**PATENT REEL: 038740 FRAME: 0963** 503847502

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PATENT REEL: 038740 FRAME: 0964

## COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention: SYSTEM, METHOD, AND COMPUTER PROGRAM FOR MANAGING NETWORK BANDWIDTH BY AN ENDPOINT

As a below named and undersigned inventor, I hereby declare that:	
This declaration is directed to the attached application, or (if following box is checked):	
United States application or PCT international application number	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims.	
I acknowledge the duty to disclose information which is material to the patemability of this application in accordance with Title 3' CFR § 1.56.	7,
Whereas, I the undersigned inventor have invented certain new and useful improvements as set forth in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document.	t.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I the undersigned inventor here	eby:
1) Sell, assign and transfer to <u>Lenovo Enterprise Solutions (Singapore) Pte. Ltd.</u> , a Singaporean Private Limited Company has a place of business at 151 Lorong Chuan #02-01, New Tech Park, Singapore 556741, REPUBLIC OF SINGAPORE, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.	•
<ol> <li>Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.</li> </ol>	
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.	
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assend other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.	signs
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.	i
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
Signed on the date indicated beside my signature.	
Signature: Date: 4/18/2016	

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I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims.
I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, CFR § 1.56.
Whereas, I the undersigned inventor have invented certain new and useful improvements as set forth in the above-identified patent application and further identified by the Attorney Docket Number provided above in the header of this document.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the undersigned inventor hereby:
1) Sell, assign and transfer to <u>Lenovo Enterprise Solutions (Singapore) Pte, Ltd.</u> , a Singaporean Private Limited Company having a place of business at 151 Lorong Chuan #02-01, New Tech Park, Singapore 556741, REPUBLIC OF SINGAPORE, (hereinafter referred to as "ASSIGNER"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Signed on the date indicated beside my signature.  Legal Name of Inventor: Qian QiaoNeng
Signature: 1327376 Wan alao Neng Date: 21-04-2016
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Page 1 of 1

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2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
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4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Signed on the date indicated beside my signature.  Legal Name of Inventor: Andrew Jack Sloma  Signature: Date:

Page 1 of 1



**RECORDED: 05/27/2016**