

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3726881

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
LENOVO ENTERPRISE SOLUTIONS (SINGAPORE) PTE. LTD.		02/04/2016
RECEIVING PARTY DATA		
Name:	LENOVO INTERNATIONAL LIMITED	
Street Address:	23/F LINCOLN HOUSE, TAIKOO PLACE, 979 KING'S ROAD	
City:	QUARRY BAY	
State/Country:	HONG KONG	
PROPERTY NUMBERS Total: 78		
Property Type	Number	
Patent Number:	9213610	
Patent Number:	9218893	
Patent Number:	9176617	
Patent Number:	9244939	
Patent Number:	9183061	
Patent Number:	9176787	
Patent Number:	9189273	
Patent Number:	9225549	
Patent Number:	9215071	
Patent Number:	9173331	
Patent Number:	9203699	
Patent Number:	9235703	
Patent Number:	9191460	
Patent Number:	9213380	
Patent Number:	9214809	
Patent Number:	9164782	
Patent Number:	9244120	
Patent Number:	9245113	
Patent Number:	9176923	
Patent Number:	9170840	
Patent Number:	9158459	

PATENT

Property Type	Number
Patent Number:	9179556
Patent Number:	9170222
Patent Number:	9214795
Patent Number:	9164840
Patent Number:	9173310
Patent Number:	9195299
Patent Number:	9195644
Patent Number:	9223703
Patent Number:	9213644
Patent Number:	9176854
Patent Number:	9158669
Patent Number:	9160542
Patent Number:	9189477
Patent Number:	9195658
Patent Number:	9183523
Patent Number:	9239792
Patent Number:	9173320
Patent Number:	9219997
Patent Number:	9195859
Patent Number:	9197504
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Patent Number:	9198325
Patent Number:	9239613
Patent Number:	9173304
Patent Number:	9239807
Patent Number:	9152584
Patent Number:	9208073
Patent Number:	9208072
Patent Number:	9239809
Patent Number:	9222964
Patent Number:	9164851
Patent Number:	9164805
Patent Number:	9201088
Patent Number:	9207804
Patent Number:	9175971
Patent Number:	9185833
Patent Number:	9226100

Property Type	Number
Patent Number:	9226099
Patent Number:	9207727
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Patent Number:	9171447
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Patent Number:	9189656
Patent Number:	9154405
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Patent Number:	9182425
Patent Number:	9235408
Patent Number:	9225600
Patent Number:	9170969
Patent Number:	9244676
Patent Number:	9170975
Patent Number:	9230878
Patent Number:	9160046
Patent Number:	9185819
Patent Number:	9176161
Patent Number:	9176160

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.

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NAME OF SUBMITTER: OKSANA BUYNITZKY

SIGNATURE: /OByunitzky/

DATE SIGNED: 02/04/2016

Total Attachments: 4

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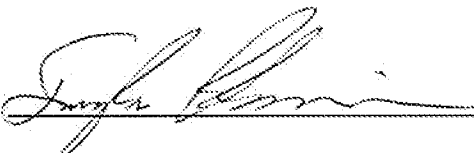
Form of Recordable Patent Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, LENOVO ENTERPRISE SOLUTIONS (SINGAPORE) PTE. LTD., a Singapore corporation having a place of business at 151 Lorong Chuan, #02-01, New Tech Park, Singapore 556741, (hereinafter "ASSIGNOR"), hereby transfers and assigns to LENOVO INTERNATIONAL LIMITED, a Hong Kong corporation having a place of business at 23/F Lincoln House, Taikoo Place, 979 King's Road, Quarry Bay, Hong Kong, (hereinafter "ASSIGNEE"), all of ASSIGNOR's right, title, and interest in and to the United States Letters Patents identified in Exhibit A attached hereto, including the inventions claimed therein, (hereinafter, "PATENT ASSETS"), to have and to hold the same, unto ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors and assigns, together with: (i) the right to sue for injunctive relief, damages and any other legal and equitable remedies in respect of all causes of action relating to the PATENT ASSETS arising before, on or after February 1, 2016 (the "Effective Date"), and any claims for past, present or future infringement of any of the PATENT ASSETS; and (ii) the right to prosecute, make filings with respect to, defend and maintain the PATENT ASSETS; in each case for the full term or terms of all such PATENT ASSETS, subject to all rights and licenses of ASSIGNOR, its Subsidiaries and third parties as are existing on the day before the Effective Date.

ASSIGNOR hereby requests the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office to record ASSIGNEE as the assignee and owner of the PATENT ASSETS and to deliver to ASSIGNEE, and to ASSIGNEE's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Patent Assignment.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment to be duly signed on its behalf.

ASSIGNOR: LENOVO ENTERPRISE SOLUTIONS (SINGAPORE) PTE. LTD.

Signature:  Date: 2/4/16

Name: Douglas Robinson

Title: Director of Patent and Trademark Prosecution

State of North Carolina

J.S.S.

County of wake

Before me this 4th day of February, 2016, personally appeared
Douglas Robinson, to me known to be the person who is described in
and who signed the foregoing Assignment and acknowledged to me that he/she signed the same of
his/her own free will for the purpose therein expressed.

Susan G. Ferguson Notary Public



EXHIBIT A

LISTED PATENTS (United States)

Case reference	Grant Date	Grant Number	Filing Number	Filing
XAUS920130086-US-NP	15 Dec 2015	US9213610	13/911248	06 Jun 2013
XCN920120125-US-NP	22 Dec 2015	US9218893	14/023973	11 Sep 2013
XEND920130201-US-NP	03 Nov 2015	US9176617	14/180587	14 Feb 2014
XGB920130020-US-NP	26 Jan 2016	US9244939	13/928547	27 Jun 2013
XIN920110105-US-CNT	10 Nov 2015	US9183061	13/533493	26 Jun 2012
XIN920110105-US-NP	03 Nov 2015	US9176787	13/212516	18 Aug 2011
XPOU920140029-US-NP	17 Nov 2015	US9189273	14/193075	28 Feb 2014
XROC920110197-US-NP	29 Dec 2015	US9225549	13/567694	06 Aug 2012
XROC920110253-US-CNT	15 Dec 2015	US9215071	13/686317	27 Nov 2012
XROC920120270-US-NP	27 Oct 2015	US9173331	13/681641	20 Nov 2012
XROC920130097-US-NP	01 Dec 2015	US9203699	14/178068	11 Feb 2014
XRPS920050135-US-NP	12 Jan 2016	US9235703	11/243642	30 Sep 2005
XRPS920060214-US-NP	17 Nov 2015	US9191460	11/610774	14 Dec 2006
XRPS920080011-US-NP	15 Dec 2015	US9213380	12/135305	09 Jun 2008
XRPS920080104-US-CNT	15 Dec 2015	US9214809	13/459364	30 Apr 2012
XRPS920090103-US-CNT	20 Oct 2015	US9164782	13/785170	05 Mar 2013
XRPS920100013-US-CNT	26 Jan 2016	US9244120	13/524213	15 Jun 2012
XRPS920100100-US-NP	26 Jan 2016	US9245113	12/909989	22 Oct 2010
XRPS920100118-US-NP	03 Nov 2015	US9176923	12/971749	17 Dec 2010
XRPS920110044-US-NP	27 Oct 2015	US9170840	13/287691	02 Nov 2011
XRPS920120010-US-NP	13 Oct 2015	US9158459	13/412088	05 Mar 2012
XRPS920120022-US-NP	03 Nov 2015	US9179556	13/566032	03 Aug 2012
XRPS920120027-US-NP	27 Oct 2015	US9170222	13/469256	11 May 2012
XRPS920120037-US-NP	15 Dec 2015	US9214795	13/610039	11 Sep 2012
XRPS920120041-US-NP	20 Oct 2015	US9164840	13/558485	26 Jul 2012
XRPS920120087-US-DIV	27 Oct 2015	US9173310	14/046274	04 Oct 2013
XRPS920120102-US-CNT	24 Nov 2015	US9195299	13/954728	30 Jul 2013
XRPS920120110-US-NP	24 Nov 2015	US9195644	13/718039	18 Dec 2012
XRPS920120111-US-CNT	29 Dec 2015	US9223703	13/828288	14 Mar 2013
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XRPS920120112-US-CNT	03 Nov 2015	US9176854	13/728771	27 Dec 2012
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XRPS920130004-US-NP	27 Oct 2015	US9173320	13/765369	12 Feb 2013
XRPS920130007-US-NP	22 Dec 2015	US9219997	14/062485	24 Oct 2013

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XRPS920130017-US-NP	12 Jan 2016	US9236347	14/050007	09 Oct 2013
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XRPS920140014-US-NP	27 Oct 2015	US9171447	14/212848	14 Mar 2014
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XTW920120021-US-CNT	03 Nov 2015	US9176161	14/048218	08 Oct 2013
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END OF EXHIBIT A