503593230 12/02/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARAN MEHRA	02/22/2013
RAVINDER S. THIND	02/13/2009
DARREN G. MOSS	02/18/2013
DARWIN OU-YANG	02/19/2013

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION		
Street Address:	ONE MICROSOFT WAY		
City:	REDMOND		
State/Country:	WASHINGTON		
Postal Code:	98052		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14877159

CORRESPONDENCE DATA

Fax Number: (509)944-4692

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Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: MS1-3786USC2

NAME OF SUBMITTER: LYNNE MAHAN

SIGNATURE: /Lynne Mahan/

DATE SIGNED: 12/02/2015

Total Attachments: 8 source=1EO1006#page1.tif source=1EO1006#page2.tif source=1EO1006#page3.tif

PATENT 503593230 REEL: 037192 FRAME: 0056



MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>MS1-3786US</u>)

Inventor's Signature	Date	Printed Name in Native Language
		Ravinder S. Thind
** j #		
Inventor's Signature	Date 1	Printed Name in Native Language
- Amilon	02/22/2013	
1 20 / Hay /	·	~
and perfecting title to the A	APPLICATION (and AP	PLICATION DERIVATIVES),
litigation regarding letters	patent derived theref	rom, and for the purpose of protecting
the making and prosecution	n of the APPLICATION	N (and APPLICATION DERIVATIVES), for
ASSIGNOR agi	rees to execute all in	struments and documents required for
the APPLICATION (and APPL	ICATION DERIVATIVE	ES);
the ASSIGNEE, the entire an	ıd exclusive rights, ti	tle and interest in the INVENTION and
acknowledged by the ASSIC	JNOR, the ASSIGNOR	hereby sells, assigns and transfers to
		on, the receipt of which is hereby
("APPLICATION DERIVATIVE		•
• •	•	ritories, and all foreign countries
•		therefrom, such as continuing
~		the INVENTION and the APPLICATION
	•	led to, and is desirous of acquiring, the
	•	on Corporation, on behalf of itself and
	oncurrently herewith;	
	·	I was given Application No. 12/257,938;
	en known;	relication s application no. and hing
		thesis (Application No, PPLICATION's Application No. and filing
•	·	ssociated with customer number
•	•	verside Avenue, Suite 1400, Spokane,
•	•	sts, ASSIGNEE'S legal representatives, of
		uted PATENT ASSIGNMENT. ASSIGNOR
VOLUME" ("APPLICATION"),		
		LIZED BOOT BLOCK WITH DISCOVERY
		ter ("INVENTION") disclosed and/or
I/WE, Karan N	1ehra, Ravinder S. Th	ind, Darren G. Moss, Darwin Ou-Yang, ,

MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>MS1-3786US)</u>

		Darren G. Moss
Inventor's Signature	Date	Printed Name in Native Language
		Darwin Ou-Yang
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: 323707.01 (OC Docket No.: MS1-3786US)

claimed in a patent application volume" ("APPLICATION"), volume" ("APPLICATION"), volume will be file hereby autobe & Hayer Washington 22801, to filed 10/2 date, where	vented subject matter from entitled "VIRTUALIZ which: and without this execute thorizes, and requests, es, PLLC, 601 W. Rivers in 99201, who are assorting the parenthe 4/2008) this APPLIC, however,	, Darren G. Moss, Darwin Ou-Yang, , ("INVENTION") disclosed and/or ED BOOT BLOCK WITH DISCOVERY d PATENT ASSIGNMENT. ASSIGNOR ASSIGNEE'S legal representatives, of side Avenue, Sulte 1400, Spokane, ociated with customer number esis (Application No. 12/257,938 , ATION's Application No. and filing was given Application No.
12/257.938	Shallon and second design of the continue of t	
its successors and assigns (entire and exclusive rights, (and all other applications a applications, in and for the ("APPLICATION DERIVATIVES For good and acknowledged by the ASSIGNEE, the entire and the APPLICATION (and APPLICATION) (and APPLICA	"ASSIGNEE"), is entitled title and interest in the and patents derived the United States, its territion); valuable consideration NOR, the ASSIGNOR hed exclusive rights, title ICATION DERIVATIVES; rees to execute all instruction of the APPLICATION (patent derived therefron	the receipt of which is hereby ereby sells, assigns and transfers to and interest in the INVENTION and it is and documents required for (and APPLICATION DERIVATIVES), for om, and for the purpose of protecting
		Karan <u>Mehra</u>
Inventor's Signature	Date	Printed Name in Native Language
126. 1	pholesto	Ravinder S. Thind
CATALON CITATION		Printed Name in Native Language
Inventor's Signature	Sec. 25 2 50	·

MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>MSJ - 3786US)</u>

Inventor's Signature	Date	Darren G. Moss Printed Name in Native Language
	*	M C + + + *** M C + *** V E =
la control 23 maninos	Nata	Darwin Ou-Yang Printed Name in Native Language
Inventor's Signature	Date	<u>Darwin Qu-Yan</u> Printed Name in Native Languag

MS Docket No.: 323707.01 (OC Docket No.: MS1-3786US)

I/WE, Karan	Mehra, Ravinder S. T	hind, Darren G. Moss, Darwin Ou-Yang, ,
, , , , , ("ASSIGNOR"), have	invented subject ma	tter ("INVENTION") disclosed and/or
claimed in a patent applic	ation entitled "VIRTU	ALIZED BOOT BLOCK WITH DISCOVERY
VOLUME" ("APPLICATION")		
will be f	iled without this exe	cuted PATENT ASSIGNMENT. ASSIGNOR
hereby a	authorizes, and requ	ests, ASSIGNEE'S legal representatives, of
Lee & Ha	ayes, PLLC, 601 W. R	iverside Avenue, Suite 1400, Spokane,
Washing	iton 99201, who are	associated with customer number
22801,	to insert here in pare	enthesis (Application No.
filed) this	APPLICATION's Application No. and filing
and the second s	nen known;	
was file	d on <u>10/24/2008</u> ar	nd was given Application No. 12/257,938;
	concurrently herewith	
Microsoft Co	orporation, a Washing	gton Corporation, on behalf of itself and
	•	itled to, and is desirous of acquiring, the
		the INVENTION and the APPLICATION
		therefrom, such as continuing
		erritories, and all foreign countries
("APPLICATION DERIVATIV		
For good an	d valuable considera	tion, the receipt of which is hereby
acknowledged by the ASSI	GNOR, the ASSIGNO	R hereby sells, assigns and transfers to
		title and interest in the INVENTION and
the APPLICATION (and API		
		nstruments and documents required for
		ON (and APPLICATION DERIVATIVES), for
		efrom, and for the purpose of protecting
		APPLICATION DERIVATIVES).
, ,		
		Karan Mehra
Inventor's Signature	Date	Printed Name in Native Language
		Ravinder S. Thind
Inventor's Signature	Date	Printed Name in Native Language

Page 1 of 2

MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>M51-3786US</u>)

Donus	1055	18-	Fers-2013	Darren G. Moss
Inventor's Signature	- V	Date	Printed Name in	Native Language
				Darwin Ou-Yang
Inventor's Signature		Date	Printed Name in	Native Language

MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>MS1-3786US</u>)

I/WE, Karar	n Mehra, Ravinder S. T	Thind, Darren G. Moss, Darwin Ou-Yang, ,
, , , , , ("ASSIGNOR"), have	e invented subject ma	atter ("INVENTION") disclosed and/or
claimed in a patent appli	cation entitled "VIRTL	JALIZED BOOT BLOCK WITH DISCOVERY
VOLUME" ("APPLICATION"	"), which:	
will be	filed without this exe	cuted PATENT ASSIGNMENT. ASSIGNOR
hereby	authorizes, and requ	ests, ASSIGNEE'S legal representatives, of
Lee & F	layes, PLLC, 601 W. R	liverside Avenue, Suite 1400, Spokane,
Washin	gton 99201, who are	associated with customer number
22801,	to insert here in par	enthesis (Application No,
		APPLICATION's Application No. and filing
	hen known;	.,
was file	ed on 10/24/2008 ar	nd was given Application No. <u>12/257,938</u> ;
	concurrently herewit	
Microsoft C	Iorporation, a Washin	gton Corporation, on behalf of itself and
its successors and assign	ns ("ASSIGNEE"), is ent	itled to, and is desirous of acquiring, the
entire and exclusive righ	ts, title and interest in	n the INVENTION and the APPLICATION
-		d therefrom, such as continuing
applications, in and for t	he United States, its t	erritories, and all foreign countries
("APPLICATION DERIVATI	VES"));	
For good a	nd valuable considera	tion, the receipt of which is hereby
acknowledged by the ASS	SIGNOR, the ASSIGNO	R hereby sells, assigns and transfers to
the ASSIGNEE, the entire	and exclusive rights,	title and interest in the INVENTION and
the APPLICATION (and AF		
		instruments and documents required for
	•	ON (and APPLICATION DERIVATIVES), for
• ,		efrom, and for the purpose of protecting
	•	APPLICATION DERIVATIVES).
	- ,	,
		Karan Mehra
Inventor's Signature	Date	Printed Name in Native Language
J		
		Ravinder S. Thind
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>323707.01</u> (OC Docket No.: <u>MS1-3786US</u>)

Inventor's Signature

Date

Printed Name in Native Language

Fig. 19/2018

Darwin Ou-Yang

Inventor's Signature

Date

Printed Name in Native Language

Page 2 of 2 PA

RECORDED: 12/02/2015