502981234 09/18/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3027833

ı	SUBMISSION TYPE:	NEW ASSIGNMENT
I	NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVAN MING LEW	08/12/2014
SANDY WONG	08/13/2014
ERIK THEODORE BERGMAN	09/17/2014
YU-TING KUO	08/27/2014

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:	14489667

CORRESPONDENCE DATA

Fax Number: (216)373-3450

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: 216-654-0090

Email: docketing@cooperlegalgroup.com **Correspondent Name:** COOPER LEGAL GROUP LLC

6505 ROCKSIDE ROAD Address Line 1:

Address Line 2: SUITE 330

Address Line 4: INDEPENDENCE, OHIO 44131

ATTORNEY DOCKET NUMBER:	341423.01
NAME OF SUBMITTER:	WILLIAM J. COOPER
SIGNATURE:	/William J. Cooper/
DATE SIGNED:	09/18/2014

Total Attachments: 8

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> **PATENT** REEL: 033765 FRAME: 0831 502981234

PATENT REEL: 033765 FRAME: 0832

I, <u>Evan Ming Lew</u> ("ASS inventor of subject matter (application entitled " <u>REFERENC</u>	"INVENTION") disclosed	
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Most (ASSIGNEE'S LEGAL REPReses (filed on) iling date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert and given by the following this APPLICATION's
No	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIGE entire and exclusive rights, time INVENTION and the APPLICATE therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including TON (and all other appl applications, in whole or	g the right of priority, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA		g date, and Office into the
Application No.	Filing Date	Office

MS Docket No.: <u>341423.01</u>

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Evan Mi her	8/12/2014
Inventor's Signature	Date
Evan Ming Lew	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>341423.01</u>

PATENT A	SSIGNMENT	MS Docket No.: <u>341423.01</u>
I, <u>Sandy Wong</u> ("ASSIGN inventor of subject matter (" application entitled " <u>REFERENCE</u>	INVENTION") disclosed a	nventor or an original joint and/or claimed in a patent APPLICATION"), which:
ASSIGNEE'S legal r Department, Micro Washington 98052 here in parenthe Application No Office Application No., fi	ASSIGNOR hereby authorized authorized presentatives, of the Law isoft Corporation, One Mile (ASSIGNEE'S LEGAL REPRESES (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's n known;
No	by the following Office	
successors and assigns ("ASSIC entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	ENEE"), is entitled to, and the and interest, including TON (and all other applications, in whole or reign countries ("APPLICAT	g the right of priority, in the ications and patents derived in part, in and for the United TON DERIVATIVES"));
ASSIGNOR hereby REPRESENTATIVES to insert to		uests, ASSIGNEE'S LEGAL g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after the	ney are known;
Application No.	Filing Date	Office
		8

MS Docket No.: <u>341423.01</u>

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature	Aug 13,2014 Date	
Sandy Wong		
Printed Name in English	Printed Name in Native Language (if other than English)	

I, <u>Erik Theodore Bergman</u> ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " <u>REFERENCED CONTENT INDEXING</u> " ("APPLICATION"), which:			
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPRESES (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following) this APPLICATION's	
No	and was given by the following Office ";		
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));			
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;			
Application No.	Filing Date	Office	

MS Docket No.: <u>341423.01</u>

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

Erik Theodore Bergman

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: 341423.01

PATENT A	ASSIGNMENT	MS Docket No.: <u>341423.01</u>
I, <u>Yu-Ting Kuo</u> ("ASSIG inventor of subject matter (' application entitled " <u>REFERENC</u> E	'INVENTION") disclosed a	
ASSIGNEE'S legal in Department, Micro Washington 9805. here in parenthe Application No Office	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mize (ASSIGNEE'S LEGAL REPReses (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following) this APPLICATION's
was filed on	and was given	Application
	by the following Office	2
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, till INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	INEE"), is entitled to, and tle and interest, including ION (and all other appl applications, in whole or	g the right of priority, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA	he Application No., filin	
Application No.	Filing Date	Office

MS Docket No.: 341423.01

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

bish	8/27/14
Inventor's Signature	Date
Yu-Ting Kuo	罗显廷
Printed Name in English	Printed Name in Native Language
	(if other than English)