#### 502486848 09/07/2013

#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Alan M. Dunn	09/05/2013
Tadayoshi Kohno	09/04/2013
David A. Molnar	09/04/2013
Alexander N. Moshchuk	09/04/2013
Franziska Roesner	09/04/2013
Jiahe Helen Wang	09/04/2013

#### **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:	14020723

### **CORRESPONDENCE DATA**

Fax Number: 4259367329

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

4257079382 Phone:

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Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER: 339666.01

**REEL: 031159 FRAME: 0982** 

NAME OF SUBMITTER:	David M. Huntley	
Signature:	/David M. Huntley, 40309/	
Date:	09/07/2013	
Total Attachments: 12 source=339666-01-Executed-Assignment#page1.tif source=339666-01-Executed-Assignment#page2.tif source=339666-01-Executed-Assignment#page3.tif source=339666-01-Executed-Assignment#page4.tif source=339666-01-Executed-Assignment#page5.tif source=339666-01-Executed-Assignment#page6.tif		
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PATENT REEL: 031159 FRAME: 0983

MS Docket No.: 339666.01 I Alan M. Dunn ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Managing Shared State Information Produced by Applications" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert 06 Sept. 2013 here in parentheses (filed on and given 14/020,723 Application No. the by following USPTO \_\_\_\_\_\_) this APPLICATION's Office Application No., filing date, and Office, when known; was filed on \_\_\_\_\_\_ and was given Application No \_\_\_\_\_\_ 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes. and ASSIGNEE'S requests. 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

Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.:	339666.01
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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 in the INVENTION and the APPLICATION (and 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).

Ale Ja	9/5/2013
Inventor's Signature	Date
Alan M. Dunn	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT A	ASSIGNMENT	MS Docket No.: <u>339666.01</u>
inventor of	subject matter (' ntitled " <u>Managing</u>	"INVENTION") disclosed	inventor or an original joint and/or claimed in a patent on Produced by Applications'
	ASSIGNEE'S legal in Department, Micro Washington 9805: here in parenth Application No Office	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Microsoft Corporation, One Micr	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
	No	and was given by the following Office ";	
successors all entire and ex (and all oth applications, ("APPLICATIO ASSIGN REPRESENTAT	nd assigns ("ASSIC cclusive rights, titler applications a in and for the U N DERIVATIVES")); NOR hereby	GNEE"), is entitled to, and e and interest in the INV and patents derived the United States, its territorical authorizes, and require Application No., filing	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries uests, ASSIGNEE'S LEGAL date, and Office into the
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CAROLE CENTRALES	9/4/2013
Inventor's Signature	Date
Tadayoshi Kohno	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 339666.01

MS Docket No.: 339666.01 PATENT ASSIGNMENT I David A. Molnar ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Managing Shared State Information Produced by Applications" ("APPLICATION"), which: ASSIGNOR hereby authorizes, and requests, will be filed. ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on \_\_\_\_\_\_06 Sept. 2013 14/020,723 following the by No. Application ) this APPLICATION's USPTO Office \_\_\_\_ Application No., filing date, and Office, when known; was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_ 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); LEGAL ASSIGNEE'S hereby authorizes. requests, and ASSIGNOR REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Filing Date Application No.

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MS	Docket	No.:	<u>339666.01</u>
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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 in the INVENTION and the APPLICATION (and 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

David A. Molnar

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

No.

**USPTO** 

Application

Office

MS Docket No.: <u>339666.01</u> I Alexander N. Moshchuk ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Managing Shared State Information Produced by Applications" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 06 Sept. 2013 and given

14/020.723

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) this APPLICATION's

following

was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_ by the following Office

Application No., filing date, and Office, when known:

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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

ASSIGNOR authorizes, hereby 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;

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**PATENT REEL: 031159 FRAME: 0990** 

	MS	Docket	No.:	339666.01
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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 in the INVENTION and the APPLICATION (and 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

Date

Alexander N. Moshchuk

Printed Name in English

Printed Name in Native Language

(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 339666.01

I <u>Franziska Roesner</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>Managing Shared State Information Produced by Applications"</u> ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on
was filed on and was given Application  No 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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;
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PATENT REEL: 031159 FRAME: 0992

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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 in the INVENTION and the APPLICATION (and 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).

Frankler foere Inventor's Signature	91/4/13 Date
Franziska Roesner	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 339666.01

# PATENT ASSIGNMENT MS Docket No.: 339666.01

I Jiahe Helen Wang ("AS inventor of subject matter (application entitled "Managing ("APPLICATION"), which:	"INVENTION") disclosed	
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Lawnson Corporation, One Moscopic (ASSIGNEE'S LEGAL REPRESES (filed on 14/020,723 to 14/020,723 t	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert out. 2013 and given by the following this APPLICATION's
	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, tith (and all other applications applications, in and for the United Company ("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
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MS Docket No : 339666.01

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Inventor's Signature

Jiahe Helen Wang

Printed Name in English

9/4/13

Date

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Printed Name in Native Language

(if other than English)