## 503154090 01/28/2015

EPAS ID: PAT3200703

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE: Corrective Assignment to correct the THIRD ASSIGNOR'S NAME previously recorded on Reel 032330 Frame 0260. Assignor(s) hereby confirms the ASSIGNMENT.

#### **CONVEYING PARTY DATA**

Name	Execution Date
HELGE GRENAGER SOLHEIM	02/28/2014
KATHRINE HAMMERVOLD	02/28/2014
KJETIL KROGVIG BERGSTRAND	02/28/2014
MORGAN LARSSON	02/28/2014
JOHANNES GEHRKE	02/28/2014
NIELS PETTER RASCH-OLSEN	02/28/2014

#### **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:	14194669

#### CORRESPONDENCE DATA

**Fax Number:** (865)380-5999

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:** 612-332-5300

Email: usdocket@microsoft.com

Correspondent Name: CHRISTOPHER J. LEONARD

Address Line 1: MERCHANT & GOULD (MICROSOFT)

Address Line 2: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER: 14917.2419US01/340847.01

NAME OF SUBMITTER: CHRISTOPHER J. LEONARD

SIGNATURE: /Christopher J. Leonard/

PATENT 503154090 REEL: 034828 FRAME: 0429

DATE SIGNED:	01/28/2015		
Total Attachments: 13	Total Attachments: 13		
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PATENT REEL: 034828 FRAME: 0430 502702568 03/01/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2749174

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
HELGE GRENAGER SOLHEIM	02/28/2014
KATHRINE HAMMERVOLD	02/28/2014
KJETIL KROGIVG BERGSTRAND	02/28/2014
MORGAN LARSSON	02/28/2014
JOHANNES GEHRKE	02/28/2014
NIELS PETTER RASCH-OLSEN	02/28/2014

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City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14194669

## **CORRESPONDENCE DATA**

Fax Number: (865)380-5999 Phone: 612-332-5300

Email: tomary@merchantgould.com

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

Correspondent Name: MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.2419US01/340847.01
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD PATENT

REEL: 034828 FRAME: 0431

Attorney Docket No.: 14917.2419US01/340847.01

I <u>Helge Grenager Solhe</u> joint inventor of subject matte application entitled " <u>SHADOWII</u> <u>BASED COMPUTING SYSTEM</u> " ("A	er ("INVENTION") disclose NG LOCAL ON-PREMISES	•
ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenthe Application No	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mile (ASSIGNEE'S LEGAL REPRISES (filed on 03/01/14/194,669)  tent and Trademark Office (whe ling date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert (2014 and given by the following Office this APPLICATION's
	and was given App	
Microsoft Corporation, successors and assigns ("ASSIG entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and le and interest, including TON (and all other appl applications, in whole or	the right of property, in the ications and patents derived in part, in and for the United
	authorizes, and requ	•
REPRESENTATIVES to insert to following table for any APPLICA		
Application No.	Filing Date	Office
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Attorney Docket No.: 14917.2419US01/340847.01

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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, 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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Sela Grange Solh- Inventor's Signature	28/2-2014
Inventor's Signature	Date
Helge Grenager Solheim	
Printed Name in English	Printed Name in Native Language (if other than English)

Attorney Docket No.: 14917.2419US01/340847.01

I <u>Kathrine Hammervold</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>SHADOWING LOCAL ON-PREMISES INFORMATION TO A CLOUD-BASED COMPUTING SYSTEM</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, including the right of property, 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				

t No.: 14917.2419US01/340847.01
: No.: 14917.2419US01/340847.0

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, and for the United States, its territories, and all foreign countries (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

Kathrine Hammervold

Printed Name in English

Printed Name in Native Language

(if other than English)

Page 2 of 2

KKB	N	V	B
Date_	28/1	/20	15

Attorney Docket No.: 14917.2419US01/340847.01

Krogvig

I <u>Kjetil Krogivg Bergstrand</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHADOWING LOCAL ON-PREMISES INFORMATION TO A <u>CLOUD-BASED COMPUTING SYSTEM</u>" ("APPLICATION"), which:

$\times$	will be fil	ed. ASSIGNO	R hereby	authorizes,	and	requests,
	ASSIGNEE'S	legal representa	itives, of t	he Law and C	orpor	ate Affairs
	Department	t, Microsoft Corp	oration, C	ne Microsoft	Way,	Redmond,
	Washington	98052 (ASSIGN	ee's Legal	. REPRESENTA	TIVES	), to insert
		rentheses (filed				
	Application	No14/194	,669	by the t	follow	ing Office
	United Stat	tes Patent and	<u>Trademark</u>	Office) this	APPL	ICATION's
	Application	No., filing date,	and Office	, when knowr	1;	
	was filed on	ı an	d was give	n Application	No	
	by the follow	wing Office "			n.	

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 property, 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	
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Attorney	Docker No.:	14917.24	190201/	340847.01

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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, 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, and for the United States, its territories, and all foreign countries (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).

Krogvig

Kjetil Krogivg Bergstrand Printed Name in English

Date

Printed Name in Native Language

(if other than English)

Attorney Docket No.: 14917.2419US01/340847.01

inventor of subject matter	("INVENTION") disclosed ING LOCAL ON–PREMISES	al inventor or an original joint and/or claimed in a patent INFORMATION TO A CLOUD-
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthe Application No <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the Latosoft Corporation, One Modern 2 (ASSIGNEE'S LEGAL REPreses (filed on03/014/194,669	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert 1/2014 and given by the following Office ce) this APPLICATION's
was filed onby the following (	and was given App Office "	olication No
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and le and interest, including TON (and all other appl applications, in whole or	the right of property, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert tl following table for any APPLICA		g date, and Office into the
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Attorney Docket No.: 14917.2419US01/340847.01
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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, 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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Mors Laron	28/2-2014
Inventor's Signature	Date
Morgan Larsson	
Printed Name in English	Printed Name in Native Language (if other than English)

Attorney Docket No.: 14917.2419US01/340847.01

inventor of subject matter	("INVENTION") disclosed ING LOCAL ON-PREMISES	al inventor or an original joint and/or claimed in a patent INFORMATION TO A CLOUD-
ASSIGNEE'S legal Department, Mico Washington 9805 here in parenthe Application No. <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the La rosoft Corporation, One Modern	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert 1/2014 and given by the following Office ce) this APPLICATION's
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	GNEE"), is entitled to, and tle and interest, including FION (and all other appl applications, in whole or	ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA		g date, and Office into the
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Joly Inventor's Signature	77). 2414-120 2/28/2019 Date
Johannes Gehrke	·
Printed Name in English	Printed Name in Native Language
	(if other than English)

Attorney Docket No.: 14917.2419US01/340847.01

original joint inventor of subj	ect matter ("INVENTION") HADOWING LOCAL ON-I	n the original inventor or an disclosed and/or claimed in a <u>PREMISES INFORMATION TO A</u> hich:
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthe Application No <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the Lacosoft Corporation, One Modern Corporation of the Lacosoft Corporation, One Modern Corporation of the Lacosoft Corporation, One Modern Corporation of the Lacosoft Corporation, One Modern of the Lacosoft Corporation	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert //2014 and given by the following Office ce_) this APPLICATION's
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following table for any APPLICA Application No.	Filing Date	Office
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Mr. 1 Mars 10 1	
Wiel, Alba Raich-Olsen Inventor's Signature	29.02.2019 Date
Niels Petter Rasch-Olsen	·
Printed Name in English	Printed Name in Native Language (if other than English)