505594627 07/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAN FANARU	11/01/2011
DARRIN HATAKEDA	11/01/2011
GUNNAR LJOSDAHL RASMUSSEN	11/02/2011
KRISTER MIKALSEN	11/02/2011
DAG STEINNES EIDESEN	11/02/2011
RUNE DEVIK	11/02/2011
JOHN D. FAN	11/01/2011

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
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State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16524457

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ATTORNEY DOCKET NUMBER:	14917.1949USC1/334090USC1
NAME OF SUBMITTER:	GREGORY D. LEIBOLD
SIGNATURE:	/Gregory D. Leibold/
DATE SIGNED:	07/29/2019

PATENT REEL: 049890 FRAME: 0897

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Total Attachments: 5 source=Assignment Inventors to MC#page1.tif source=Assignment Inventors to MC#page2.tif source=Assignment Inventors to MC#page3.tif source=Assignment Inventors to MC#page4.tif source=Assignment Inventors to MC#page5.tif

PATENT REEL: 049890 FRAME: 0898 M&G/MS Docket No.: 14917.1949US01/334090.01

PATENT ASSIGNMENT

I/WE, Adrian Fanaru, Darrin Hatakeda, Gunnar Ljosdahl Rasmussen, Krister Mikalsen, Dag Steinnes Eidesen, Rune Devik, and John D. Fan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "EXTENSIBILITY MODEL FOR USAGE ANALYTICS USED WITH A SYSTEM" ("APPLICATION"), which:

	will be filed without this executed PATENT ASSIGNMENT.
	ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal
	representatives, of the Law and Corporate Affairs Department,
	Microsoft Corporation, One Microsoft Way, Redmond,
	Washington 98052, who are associated with customer number
	19848, to insert here in parenthesis (Application No
	, filed) this APPLICATION's Application No. and
	filing date, when known;
	was filed on and was given Application No
	;
X	is filed concurrently herewith;

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"));

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, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

PATENT ASSIGNMENT

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).

A	NOV 1, ZO11
Inventor's Signature	Date
Adrian Fanaru	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature Darrin Hatakeda Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature Gunnar Ljosdahl Rasmussen	Date
Printed Name in English	Printed Name in Native Language (if

M&G/MS Docket No.: 14917.1949US01/334090.01

PATENT ASSIGNMENT

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).

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Inventor's Signature	Date
Adrian Fanaru	
Printed Name in English	Printed Name in Native Language (if
	other than English)
Inventor's Signature	Date
Darrin Hatakeda	
Printed Name in English	Printed Name in Native Language (if
•	other than English)
10	. \
(Sunw Lar	Wovember 2, 2011
	Date
Inventor's Signature	Date
Gunnar Ljosdahl Rasmussen	
Printed Name in English	Printed Name in Native Language (if

other than English)

M&G/MS Docket No.: 14917.1949US01/334090.01

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amisto Ukralsen	02.11.2011
Inventor's Signature	Date
Krister Mikalsen	
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_	other than English)
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	11 00 0 11
1 1 (W) 7 (D) DU	11.02.2011
Inventor's Signature	Date
Dag Steinnes Eidesen	
Printed Name in English	Printed Name in Native Language (if
	other than English)
(Xune 1)eul	11.02.2011
Inventor's Signature	Date
Rune Devik	
Printed Name in English	Printed Name in Native Language (if
-	other than English)
	D
Inventor's Signature	Date
John D. Fan	Duinted Nieme in Nieting Language (15
Printed Name in English	Printed Name in Native Language (if
	other than English)

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Inventor's Signature Krister Mikalsen	Date
Printed Name in English	Printed Name in Native Language (in other than English)
Inventor's Signature Dag Steinnes Eidesen	Date
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Inventor's Signature	Date
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ABD.	ul (1204
nyentor's Signature John D. Fan	Date
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