08/15/2016 503960722

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4007377

NATURE OF CONVEYA		NEW ASSIGNMENT		
	NCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ATA			
		Name	Execution Date	
RUTH KIKIN-GIL			01/31/2011	
CEDRIC P. DUSSUD			02/10/2011	
HAILIU			02/14/2011	
ANNE ARCHAMBAULT			01/31/2011	
JOHN GRIFFIN			02/03/2011	
RECEIVING PARTY DA	 \TA			
Name:	MICRO	MICROSOFT CORPORATION		
Street Address:	ONE MI	ONE MICROSOFT WAY		
City:	REDMO	REDMOND		
State/Country:	WASHIN	WASHINGTON		
Postal Code:	98052			
PROPERTY NUMBERS	G Total: 1			
Property Type		Number		
Application Number:	1	5237074		
	(be sent to	865)380-5999 the e-mail address first; if that is unsu		
using a fay number if	•	; if that is unsuccessful, it will be sent	via US Mail.	
•		612-332-5300 usdocket@microsoft.com		
Phone:				
Phone: Email:	ι	usdocket@microsoft.com MERCHANT & GOULD (MICROSOFT)		
Phone: Email: Correspondent Name:	ι N	usdocket@microsoft.com		
Phone: Email: Correspondent Name: Address Line 1:	L N F	isdocket@microsoft.com //ERCHANT & GOULD (MICROSOFT)	3	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	L N F N	usdocket@microsoft.com /IERCHANT & GOULD (MICROSOFT) P.O. BOX 2903	3	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	L F M UMBER:	usdocket@microsoft.com MERCHANT & GOULD (MICROSOFT) P.O. BOX 2903 MINNEAPOLIS, MINNESOTA 55402-090	3	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	L F M UMBER:	usdocket@microsoft.com MERCHANT & GOULD (MICROSOFT) P.O. BOX 2903 MINNEAPOLIS, MINNESOTA 55402-090 14917.2860USC1/331252.02	3	

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WE, Ruth Kikin-Gil, Cedric P. Dussud, Hai Liu, Anne Archambault and John Griffin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "HASH TAG MANAGEMENT IN A MICROBLOGGING INFRASTRUCTURE" ("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 69316, to insert here in parenthesis (Application No. ______, filed ______) this APPLICATION's Application No. and filing date, when known;
- was filed on 12/17/2010 and was given Application No. 12/970,966;
- 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);

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).

Ruth Kikin-Gil Signature Printed Name in Native Language (if other Printed Name in English

Page 1 of 2

than English)

Cedric P. Dussud Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Hai Liu Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Anne Archambault Signature	Jan 31/2011 Date
Printed Name in English	Printed Name in Native Language (if other than English)
John Griffin Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

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Ruth Kikin-Gil Signature

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Page 1 of 2

MS Docket No.: <u>331252.01</u>

Und

Cedric P. Dussud Signature

Cedric Dussud

Printed Name in English

2/10/2011

Date

Printed Name in Native Language (if other than English)

Hai Liu Signature

Printed Name in English

Date

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Anne Archambault Signature

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John Griffin Signature

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Cedric P. Dussud Signature

Date

Printed Name in English

Hai Liu Signature

Printed Name in English

Printed Name in Native Language (if other than English)

14/2011

Date

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Anne Archambault Signature

Printed Name in English

Date

John Griffin Signature

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Anne Archambault Signature	Date	
Printed Name in English	Printed Name in Native Language (if other than English)	
John D. Griffin	2/3/20/) Date	
Printed Name in English	Printed Name in Native Language (if other than English)	

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PATENT REEL: 039436 FRAME: 0920

RECORDED: 08/15/2016