503639306 01/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3685939

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRA RADINSKY	10/11/2011
SUSAN T. DUMAIS	10/07/2011
JAIME BROOKS TEEVAN	10/07/2011
ERIC J. HORVITZ	10/07/2011
KRYSTA M. SVORE	10/10/2011

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:	14990360

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ATTORNEY DOCKET NUMBER: MS1-5191USC1

NAME OF SUBMITTER: SAYBRA MORRIS

SIGNATURE: /Saybra Morris/

DATE SIGNED: 01/07/2016

Total Attachments: 4 source=1FR7889#page1.tif

PATENT 503639306 REEL: 037432 FRAME: 0581

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> PATENT REEL: 037432 FRAME: 0582

PATENT ASSIGNMENT MS Docket No.: 333722.01
Attorney Docket No.: MS1-5191US

I/WE, Kira Radinsky, Susan T. Dumais, Krysta M Svore, Jaime Brooks Teevan, Eric J. Horvitz, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Time-Aware Ranking Adapted to a Search Engine Application

" ("APPLICATION"), which:

\boxtimes	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
13/270	customer number 22801 , to insert here in parenthesis (Application No, 690 , filed $10/11/2011$) this APPLICATION's Application No. and filing
	date, when known;
	was filed on and was given Application No;
	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).

	10/11/2011
Inventor's Signature	Date
Kira Radinsky	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 333722.01

Attorney Docket No.: MS1-5191US Oct. 7, 2011 Inventor's Signature Date SUSANT, DUMAIS Susan T. Dumais Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date _Krysta M Svore Printed Name in English Printed Name in Native Language (if other than English) Oct. 7, 2011 lhvehtor's Signature Date Jaime Brooks Teevan Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Eric J. Horvitz Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 333722.01

Attorney Docket No.: MS1-5191US

I/WE, Kira Radinsky, Susan T. Dumais, Krysta M Svore, Jaime Brooks Teevan, Eric J. Horvitz, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Time-Aware Ranking Adapted to a Search Engine Application

" ("APPLICAT	TON"), which:	
hereb Law a Micro custo 13/270,690 date, was fi	y authorizes, and request and Corporate Affairs Depa soft Way, Redmond, Wash mer number <u>22801</u> , to ins	ted PATENT ASSIGNMENT. ASSIGNOR is, ASSIGNEE'S legal representatives, of the artment, Microsoft Corporation, One sington 98052, who are associated with sert here in parenthesis (Application Nos APPLICATION's Application No. and filing liven Application No;
successors and assentire and exclusive (and all other applications, in arm ("APPLICATION DER For good acknowledged by the entire of the control of the contr	signs ("ASSIGNEE"), is enti- ve rights, title and interes- oplications and patents nd for the United States, (IVATIVES")); and valuable considera- the ASSIGNOR, the ASSIGN	Corporation, on behalf of itself and its itled to, and is desirous of acquiring, the it in the INVENTION and the APPLICATION derived therefrom, such as continuing its territories, and all foreign countries tion, the receipt of which is hereby NOR hereby sells, assigns and transfers to
the APPLICATION (a ASSIGNOR a making and prose litigation regarding	and APPLICATION DERIVAT grees to execute all inst ecution of the APPLICATION letters patent derived the	ts, title and interest in the INVENTION and FIVES); ruments and documents required for the ON (and APPLICATION DERIVATIVES), for erefrom, and for the purpose of protecting APPLICATION DERIVATIVES).
Inventor's Signa	ture	Date

Page 1 of 2

Kira Radinsky

Printed Name in English

Printed Name in Native Language (if

other than English)

PATENT ASSIGNMENT MS Docket No.: <u>333722.01</u> Attorney Docket No.: MS1-5191US Inventor's Signature Date Susan T. Dumais Printed Name in English Printed Name in Native Language (if other than English) Date Krysta M Svore Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Jaime Brooks Teevan Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Eric J. Horvitz

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