Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yingnong Dang	03/09/2009
Min Wang	03/09/2009
Xiao Yang	03/09/2009
Dongmei Zhang	03/09/2009
Jian Wang	03/12/2009

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052-6399

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12404102

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ATTORNEY DOCKET NUMBER: MS1-3854US

NAME OF SUBMITTER: Karen Doty

PATENT

500822439 REEL: 022476 FRAME: 0855

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Total Attachments: 6		
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PATENT REEL: 022476 FRAME: 0856

MS Docket No.: <u>325937.01</u> (OC Docket No.: <u>MS1-3854US</u>)

I/WE, Yingnong	Dang, Min Wang, Xia	ao Yang, Dongmei Zhang, Jian Wang,	
("ASSIGNOR"), have invented	subject matter ("INVE	ENTION") disclosed and/or claimed in	
a patent application entitled	"Large scale data visu	ialization with interactive chart"	
("APPLICATION"), which:			
🔀 will be filed	d without this execute	ed PATENT ASSIGNMENT. ASSIGNOR	
hereby autl	norizes, and requests	s, ASSIGNEE'S legal representatives, of	
	•	rside Avenue, Suite 1400, Spokane,	
·		ociated with customer number	
22801, to i	nsert here in parenth	nesis (Application No. $\frac{12/404,102}{}$,	
		TION's Application No. and filing	
date, when			
	·	s given Application No;	
	currently herewith;	<u> </u>	
	•	n 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 ar			
• •	· •	tories, and all foreign countries	
("APPLICATION DERIVATIVES"		,	
		n, the receipt of which is hereby	
		ereby sells, assigns and transfers to	
- · · · · · · · · · · · · · · · · · · ·		e and interest in the INVENTION and	
the APPLICATION (and APPLIC			
		ruments and documents required for	
		(and APPLICATION DERIVATIVES), for	
		om, and for the purpose of protecting	
and perfecting title to the AP			
and perfecting the to the Ar	PLICATION (and APPL	LICATION DERIVATIVES).	
Thory Pars	2009 B. J	Vingnang Dang	
Inventor's Signature	Date	Printed Name in Native Language	
inventor's signature	Date	Printed Name in Native Language	
		Min Wang	
Inventor's Signature	 Date	Printed Name in Native Language	
se e e.g.imani e		gauge	
		Xiao Yang	

Page 1 of 2

PATENT REEL: 022476 FRAME: 0857

MS Docket No.: <u>325937.01</u> (OC Docket No.: <u>MS1-3854US</u>)

Inventor's Signature

Date

Printed Name in Native Language

March 9, 2009

Dongmei Zhang
Inventor's Signature

Date

Printed Name in Native Language

Inventor's Signature

Date

Printed Name in Native Language

MS Docket No.: <u>325937.01</u> (OC Docket No.: <u>MS1-3854US</u>)

I/WE, Yingnong	Dang, Min Wang	ı, Xiao Yang, Dongmei Zhang, Jian Wang,
("ASSIGNOR"), have invented	subject matter ("	INVENTION") disclosed and/or claimed in
		visualization with interactive chart"
("APPLICATION"), which:	_	
will be filed	without this exe	ecuted PATENT ASSIGNMENT. ASSIGNOR
		iests, ASSIGNEE'S legal representatives, of
		Riverside Avenue, Suite 1400, Spokane,
		associated with customer number
		enthesis (Application No. $12/404$, 102 ,
		LICATION's Application No. and filing
date, when		Electrical 3 Application No. and filling
	·	d was given Application No;
	currently herewit	
	-	gton Corporation, on behalf of itself and
		titled to, and is desirous of acquiring, the
		n the INVENTION and the APPLICATION
		d therefrom, such as continuing
		territories, and all foreign countries
("APPLICATION DERIVATIVES")		territories, and air foreign countries
		ation, the receipt of which is hereby
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		title and interest in the INVENTION and
the APPLICATION (and APPLIC		
		instruments and documents required for
		ON (and APPLICATION DERIVATIVES), for
		refrom, and for the purpose of protecting
and perfecting title to the API	PLICATION (and)	APPLICATION DERIVATIVES).
		Yingnong Dang
Inventor's Signature	Date	Printed Name in Native Language
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min Wan	7129/2	10
111110	1/5	Min Wang
Inventor's Signature	Date '	´ Printed Name in Native Language
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1/ao Jang	200	7 / 3 / 1
· — · /		Xiao Yang
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>325937.01</u> (OC Docket No.: <u>MS1-3854US</u>)

		Dongmei Zhang
Inventor's Signature	Date	Printed Name in Native Language
		Jian Wang
Inventor's Signature	Date	Printed Name in Native Language

Page 2 of 2 PATENT

REEL: 022476 FRAME: 0860

MS Docket No.: 325937.01 (OC Docket No.: MS1-3854US)

("ASSIGNOR"), have inver	nted subject matter ("II	Xiao Yang, Dongmei Zhang, Jian Wang, NVENTION") disclosed and/or claimed in isualization with interactive chart"	
hereby Lee & F Washin 22801	authorizes, and reque layes, PLLC, 601 W. Ri gton 99201, who are , to insert here in pare	cuted PATENT ASSIGNMENT. ASSIGNOR ests, ASSIGNEE'S legal representatives, of verside Avenue, Suite 1400, Spokane, associated with customer number nthesis (Application No. $\frac{12}{404}$, $\frac{102}{100}$, ICATION'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 an			
its successors and assignentire and exclusive right (and all other application applications, in and for the ("APPLICATION DERIVATION DERIVATION GOOD and acknowledged by the ASSIGNATION ASSIGNATION DERIVATION DERIVATION DERIVATION GOOD AND ASSIGNATION DERIVATION DE	ns ("ASSIGNEE"), is enti its, title and interest in is and patents derived the United States, its to IVES")); nd valuable considerat SIGNOR, the ASSIGNOI and exclusive rights,	thed to, and is desirous of acquiring, the the INVENTION and the APPLICATION therefrom, such as continuing erritories, and all foreign countries tion, the receipt of which is hereby 8 hereby sells, assigns and transfers to title and interest in the INVENTION and	
ASSIGNOR the making and prosecu litigation regarding lette	agrees to execute all i tion of the APPLICATIC rs patent derived there	nstruments and documents required for ON (and APPLICATION DERIVATIVES), for efrom, and for the purpose of protecting PPLICATION DERIVATIVES).	
and perfecting three to the	CHELLOUIS (001007)	Yingnong Dang	
Inventor's Signature	Date	Printed Name in Native Language	
Inventor's Signature	Date	Min Wang Printed Name in Native Language	
	THAN SHOWN	Xiao Yang	
Inventor's Signature	Date	Printed Name in Native Language	

Page 1 of 2

MS Docket No.: <u>325937.01</u> (OC Docket No.: <u>MS1-3854US</u>)

Inventor's Signature

Date

Printed Name in Native Language

Jian Wang

Inventor's Signature

Date

Printed Name in Native Language

Printed Name in Native Language

Page 2 of 2

PATENT REEL: 022476 FRAME: 0862