Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alnur Ali	03/31/2011
Jianfeng Gao	03/29/2011
Xiaodong He	03/31/2011
Bodo von Billerbeck	03/30/2011
Sanaz Ahari	03/31/2011

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:	13078648

CORRESPONDENCE DATA

Fax Number: (816)421-5547

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

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Email: AMMLEESON@SHB.COM

Correspondent Name: SHOOK, HARDY & BACON L.L.P. (MICROSOFT C Address Line 1: INTELLECTUAL PROPERTY DEPARTMENT

Address Line 2: 2555 GRAND BOULEVARD

Address Line 4: KANSAS CITY, MISSOURI 64108-2613

ATTORNEY DOCKET NUMBER:	MFCP.160693
NAME OF SUBMITTER:	Christopher S. Duncan

PATENT

REEL: 026063 FRAME: 0354

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Total Attachments: 5

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PATENT REEL: 026063 FRAME: 0355

MS Docket No. 331999.01 (OC Docket No. MFCP.160693)

PATENT ASSIGNMENT

WE, Alnur Ali, Jianfeng Ga	o, Xiaodong He, Boo	lo von Billerbeck, and Sanaz Ahari,
(ASSIGNOR), have invented subj	ect matter ("INVENT	ION") disclosed and/or claimed in a
		RY REWRITING THROUGH
STATISTICAL MACHINE TRAN	SLATION" ("APPLI	CATION"), which:
will be filed without	ut this executed PAT	ENT ASSIGNMENT. ASSIGNOR
hereby authorizes, a	and requests, ASSIGN	EE'S legal representatives, of Shook.
Hardy & Bacon L.	L.P. 2555 Grand Blvd	., Kansas City, Missouri 64108, who
are associated with	i customer number 4	45809, to insert here in parenthesis
(Application No	, filed) this APPLICATION's
Application No. and	I filing date, when kno	
	and was given	
is filed concurrently	herewith:	
		on behalf of itself and its successors
and assigns ("ASSIGNEE"), is entitle	ed to, and is desirous	of acquiring, the entire and exclusive
rights, title and interest in the INVE	NTION and the APPL	ICATION (and all other applications
and patents derived therefrom, such :	as continuing applicat	ions, in and for the United States, its
territories, and all foreign countries ("	APPLICATION DER	IVATIVES").
For good and valuable consider	eration the receipt of a	which is hereby acknowledged by the
ASSIGNOR, the ASSIGNOR bereby	sells assime and tro	unsfers to the ASSIGNEE, the entire
and exclusive rights title and inte	rest in the INVENT	ION and the APPLICATION (and
APPLICATION DERIVATIVES);	TOSC III LIJO JINA DIA I	ION and the AFFLICATION (and
	all instruments and de	ocuments required for the making and
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Alnur Ali	Date	Printed Name in Native Language
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Jianfeng Gao	Date	Printed Name in Native Language
Xiaodong He	Date	Printed Name in Native Language
Bodo von Billerbeck	Date	Printed Name in Native Language
Sanaz Ahari	Date	Printed Name in Native Language

WE, Alnur Ali, Jianfeng Gao	, Xiaodong He, Bod	o von Billerbeck, and Sanaz Ahari,
("ASSIGNOR"), have invented subje	ct matter ("INVENTI	(ON") disclosed and/or claimed in a
patent application entitled "EN	NHANCED QUER	RY REWRITING THROUGH
STATISTICAL MACHINE TRANS	SLATION" ("APPLIC	CATION"), which:
hereby authorizes, an	nd requests, ASSIGNI	ENT ASSIGNMENT. ASSIGNOR EE'S legal representatives, of Shook, Kansas City, Missouri 64108, who
(Application No		5809, to insert here in parenthesis) this APPLICATION's wn:
**	and was given	Application No;
Microsoft Corporation, a Wash	hington Corporation, o	on behalf of itself and its successors
ASSIGNOR, the ASSIGNOR hereby and exclusive rights, title and inter APPLICATION DERIVATIVES);	TION and the APPLI s continuing applications application of the receipt of vesting assigns and tracest in the INVENTICAL all instruments and do (and APPLICATIO) and for the purpose.	CATION (and all other applications ons, in and for the United States, its (VATIVES"); which is hereby acknowledged by the insfers to the ASSIGNEE, the entire ION and the APPLICATION (and cuments required for the making and in DERIVATIVES), for litigation ose of protecting and perfecting title
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Jianfeng Gao	Date	Printed Name in Native Language
Xiaodong He	Date	Printed Name in Native Language
Bodo von Billerbeck	Date	Printed Name in Native Language
Sanaz Ahari	Date	Printed Name in Native Language

Page 1 of 1

WE, Alnur Ali, Jianfeng Gao	. Xiaodong He, Bod	o von Billerbeck, and Sanaz Ahari,
("ASSIGNOR"), have invented subje-		
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		ENT ASSIGNMENT. ASSIGNOR
		EE'S legal representatives, of Shook,
		, Kansas City, Missouri 64108, who
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T T	•	on behalf of itself and its successors
and assigns ("ASSIGNEE"), is entitle	d to and is desirous a	of acquiring the entire and evelucive
rights, title and interest in the INVEN	ITION and the APPI I	ICATION (and all other applications
and patents derived therefrom, such a	s continuing applicati	one in and for the United States its
territories, and all foreign countries ("2	APPI ICATION DEPI	Ons, in and for the Office States, his
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and exclusive rights, title and inter	sens, assigns and da	ON and the ADDITION (and
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regarding letters patent derived theref.	and AFFLICATIO	n Derivatives), for inigation
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to the AFFLICATION (and AFFLICA	TION DEKIVALIVE	s).
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Jianfeng Gao	Date	Printed Name in Native Language
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<u> 165</u>	3/31/2011	পর ঠ 🛠 Printed Name in Native Language
Xiaodong/He	Date	Printed Name in Native Language
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Bodo von Billerbeck	Date	Printed Name in Native Language
Sanaz Ahari	Date	Printed Name in Native Language

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	d subject maner (INVENT	FION") disclosed and/or claimed in a
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		TENT ASSIGNMENT. ASSIGNOR
		EE'S legal representatives, of Shook,
		d., Kansas City, Missouri 64108, who
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• • •	***************************************) this APPLICATION's
	No. and filing date, when kno	
was filed on	and was given	n Application No;
is filed concu	irrently herewith;	
Microsoft Corporation,	a Washington Corporation,	on behalf of itself and its successors
and assigns ("ASSIGNEE"), is	s entitled to, and is desirous	of acquiring, the entire and exclusive
		LICATION (and all other applications
		tions, in and for the United States, its
territories, and all foreign coun		
		which is hereby acknowledged by the
		ansfers to the ASSIGNEE, the entire
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		ocuments required for the making and
		ON DERIVATIVES), for litigation
		pose of protecting and perfecting title
to the APPLICATION (and AF	PLICATION DERIVATIVE	ES).
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Jianfeng Gao	Date	Printed Name in Native Language
Xigodong He	Date	Printed Name in Native Language
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There are	30.3.2011	BODO VON BILLERBECK
Bodo von Billerbeck	Date	Printed Name in Native Language
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Sanaz Ahari	Date	Printed Name in Native Language
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PATENT REEL: 026063 FRAME: 0359

,,	Xiaodong He, Bodo	von Billerbeck, and Sanaz Ahari,	
("ASSIGNOR"), have invented subject			
patent application entitled "EN	HANCED QUERY	Y REWRITING THROUGH	
STATISTICAL MACHINE TRANS	LATION" ("APPLIC	ATION"), which:	
will be filed withou	t this executed PATE	NT ASSIGNMENT. ASSIGNOR	
hereby authorizes, an	d requests, ASSIGNE	E'S legal representatives, of Shook,	
Hardy & Bacon L.L.	P. 2555 Grand Blvd.,	Kansas City, Missouri 64108, who	
		809, to insert here in parenthesis	
(Application No.) this APPLICATION's	
	filing date, when know	/n;	
was filed on	and was given A	Application No;	
is filed concurrently			
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and assigns ("ASSIGNEE"), is entitled			
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and patents derived therefrom, such as			
territories, and all foreign countries ("A	- L L		
		hich is hereby acknowledged by the	
ASSIGNOR, the ASSIGNOR hereby			
and exclusive rights, title and inter-			
APPLICATION DERIVATIVES);			
ASSIGNOR agrees to execute a	all instruments and doc	numents required for the making and	
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prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title			
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