Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
Nikhil Teletia	06/18/2013
Alan Dale Halverson	06/18/2013
Srinath Shankar	06/18/2013
Jeffrey Naughton	06/18/2013

#### **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:	13922098

### **CORRESPONDENCE DATA**

**Fax Number**: 8013281707

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

Phone: 801-533-9800

Email: lbateman@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.2297
NAME OF SUBMITTER:	J. LaVar Oldham
Signature:	/J. LaVar Oldham/

502391140 REEL: 030647 FRAME: 0172

OP \$40,00 13922098

Date:	06/19/2013
Total Attachments: 8 source=13768_2297_Assignments#page1.ti source=13768_2297_Assignments#page2.ti source=13768_2297_Assignments#page3.ti source=13768_2297_Assignments#page4.ti source=13768_2297_Assignments#page5.ti source=13768_2297_Assignments#page7.ti source=13768_2297_Assignments#page7.ti source=13768_2297_Assignments#page8.ti	f f f f f

PATENT REEL: 030647 FRAME: 0173

MS Docket No.: <u>338934.01</u> WN Docket No.: <u>13768.2297</u>

I <u>Nikhil Teletia</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SKEW-AWARE STORAGE AND QUERY EXECUTION ON DISTRIBUTED DATABASE SYSTEMS" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpor	ate Affairs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Wasl	hingt	ton 9805	2 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES	), to insert
	here	in p	arenthes	ses (filed on	<u>June 19,</u>	<u>2013</u> and gi	ven A	pplication
	No.	<u>13/9</u>	922,098	by the follow	wing Offi	ce <u>US – Unite</u>	ed Sta	tes Patent
	<u>and</u>	Trac	<u>lemark (</u>	Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office,	when known	,			

$\square$ was filed on $\_\_$	and was given Application
No	by the following Office
cc	n.
	•

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"));

Application No.	Filing Date	Office

PATENT A	ASSIGNMENT	MS Docket No.:	13768.229

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, ASSIGNOR's 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).

Virkin	06/18/2013
Inventor's Signature	Date
Nikhil Teletia	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>338934.01</u> WN Docket No.: <u>13768.2297</u>

I <u>Alan Dale Halverson</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SKEW-AWARE STORAGE AND QUERY EXECUTION ON DISTRIBUTED DATABASE SYSTEMS" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpor	ate Affairs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Wasl	hing	ton 9805	2 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES	), to insert
	here	in p	arenthe	ses (filed on	<u>June 19,</u>	<u>2013</u> and gi	ven A	pplication
	No.	<u>13/9</u>	922,098	by the follow	wing Offi	ce <u>US – Unite</u>	<u>ed Sta</u>	tes Patent
	<u>and</u>	Trac	<u>lemark (</u>	Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office,	when known	,			

$\square$ was filed on $\_\_$	and was given Application		
No	by the following Office		
u	n.		

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"));

Application No.	Filing Date	Office

-	PATENT ASSIGNMENT	MS Docket No.:	13768.2297

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, ASSIGNOR's 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).

Inventor's Signature

Alan Dale Halverson

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: <u>338934.01</u> WN Docket No.: <u>13768.2297</u>

I <u>Srinath Shankar</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SKEW-AWARE STORAGE AND QUERY EXECUTION ON DISTRIBUTED DATABASE SYSTEMS" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpor	ate Affairs
	Depa	artm	ent, Micr	osoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Wasl	hingt	ton 9805	2 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES	), to insert
	here	in p	arenthes	ses (filed on	<u>June 19,</u>	<u>2013</u> and gi	ven A	application
	No.	<u>13/9</u>	922,098	by the follow	ving Offi	ce <u>US – Unite</u>	ed Sta	tes Patent
	<u>and</u>	Trac	<u>lemark (</u>	Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office,	when known	,			

was filed on	and was given Application
No	by the following Office
· ·	n.

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"));

Application No.	Filing Date	Office

MS Docket No.:	13768.2297
----------------	------------

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, ASSIGNOR's 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).

_	
Smit	Jun 18 2013
Inventor's Signature	Date
Srinath Shankar	மூளாத் 
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>338934.01</u> WN Docket No.: <u>13768.2297</u>

I <u>Jeffrey Naughton</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SKEW-AWARE STORAGE AND QUERY EXECUTION ON DISTRIBUTED DATABASE SYSTEMS" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requests,
	ASSI	GNE	E'S legal	representati	ves, of th	ne Law and C	orpor	ate Affairs
	Dep	artm	ent, Mic	rosoft Corpo	ration, O	ne Microsoft	Way,	Redmond,
	Was	hing	ton 9805	52 (ASSIGNEE	'S LEGAL	REPRESENTA	TIVES	), to insert
	here	in p	arenthe	ses (filed on	<u>June 19,</u>	<u>2013</u> and gi	ven A	pplication
	No.	<u>13/9</u>	922,098	by the follow	wing Offi	ce <u>US – Unite</u>	ed Sta	tes Patent
	<u>and</u>	Trac	demark (	Office) this A	APPLICAT	ION's Applica	ation	No., filing
	date	, and	d Office,	when known	;			

$\square$ was filed on $\_\_\_$	and was given Application
No	by the following Office
"	n.
	,

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"));

Application No.	Filing Date	Office

MS Docket No.: <u>13768.2297</u>

Inventor's Signature	Date
Jeffrey Naughton	6 118 113 July 1
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 030647 FRAME: 0181