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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Leonardo E Blanco	05/09/2013
Reiner Fink	05/09/2013

RECEIVING PARTY DATA

Name:	Microsoft Corporation	
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City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13891598

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ATTORNEY DOCKET NUMBER:	338976.01
NAME OF SUBMITTER:	Vikas Khanna
Signature:	/Vikas Khanna/
Date:	05/13/2013
	PATENT

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Total Attachments: 4

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PATENT REEL: 030399 FRAME: 0508

PATENT ASSIGNMENT MS Docket No.: 338976.01

l <u>Leon</u> a	<u>ardo E. Blanco</u> ("A	.SSIGNOR") am the origi	nal inventor or an original join
inventor of	subject matter ("INVENTION") disclosed	l and/or claimed in a paten
	-	mpositional Resources" (•
• •			
	will be filed.	ASSIGNOR hereby au	thorizes, and requests,
	Department, Micro Washington 9805 here in parentho Application No Office	osoft Corporation, One 2 (ASSIGNEE'S LEGAL REI eses (filed on ^{10-M} o ^{13/891598}	by the following) this APPLICATION's
	was filed on	and was give	- Analication
		by the following Offi	ice
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successors ar entire and ex (and all othe applications,	nd assigns ("ASSIC clusive rights, titl er applications a	GNEE"), is entitled to, and le and interest in the IN and patents derived t	ion, on behalf of itself and the APPLICATION herefrom, such as continuing ories, and all foreign countries
ASSIGN REPRESENTAT	•	•	equests, ASSIGNEE'S LEGAI ing date, and Office into the
		TION DERIVATIVES after	
Application N	-	Filing Date	Office
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Page 1 of 2

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	5/9/2013 Date
Leonardo E. Blanco	Drivete d Names in Nation Language
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>338976.01</u>

MS Docket No.: 338976.01

I Reiner Fink ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Shared Compositional Resources" ("APPLICATION"), which:

\boxtimes	Will	be	filed.	ASSI	GNOR	hereby	authorize	s, and	reques	ts,
	ASSI	GNE	E'S leg	al repre	sentati	ves, of the	he Law and	d Corpc	rate Affai	rs
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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"));

ASSIGNOR hereby authorizes. ASSIGNEE'S and requests. LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office	

Page 1 of 2

PATENT

REEL: 030399 FRAME: 0511

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).

	5/9/2013
Inventor's Signature	Date
Reiner Fink	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

PATENT REEL: 030399 FRAME: 0512

MS Docket No.: 338976.01

RECORDED: 05/13/2013