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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sandeep Paruchuri	03/12/2013
Scott Borton	03/11/2013
James Coliz	03/11/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13802837	

CORRESPONDENCE DATA

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Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER:	338459.01
NAME OF SUBMITTER:	Amandeep Kaur
Signature:	/Amandeep Kaur/

REEL: 030732 FRAME: 0179

PATENT

Date:	07/03/2013
Total Attachments: 6 source=338459-01-Exec-Assignment#page source=338459-01-Exec-Assignment#page source=338459-01-Exec-Assignment#page source=338459-01-Exec-Assignment#page source=338459-01-Exec-Assignment#page source=338459-01-Exec-Assignment#page	2.tif 3.tif 4.tif 5.tif

PATENT REEL: 030732 FRAME: 0180

PATENT ASSIGNMENT MS Docket No.: 338459.01

inventor of	subject matter	("INVENTION") disclose	ginal inventor or an original joint d and/or claimed in a patent urced Content" ("APPLICATION"),
	ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application N Office	representatives, of the rosoft Corporation, One in a contract of the rosoft Corporation, One in a contract of the corporation o	by the following) this APPLICATION's
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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	3/12/13 Date
<u>Sandeep Paruchuri</u>	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 338459.01

inventor of sub	oject matter ("INVENTI	ON") disclosed a	nventor or an original join and/or claimed in a paten <u>ed Content</u> " ("APPLICATION"	t
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Page 1 of 2

MS Docket No.: <u>338459.01</u>

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SH	3/11/2013
Inventor's Signature	Date
Scott Borton	
Printed Name in English	Printed Name in Native Language
 -	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 338459.01

of subject m	atter ("INVENTIO	N") disclosed and/or cla	or or an original joint invento imed in a patent applicatior " ("APPLICATION"), which:	
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REPRESENTAT	IVES to insert tl	·	uests, ASSIGNEE'S LEGAI g date, and Office into the	
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Page 1 of 2

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Inventor's Signature	Date
<u>James Coliz</u> Printed Name in English	Printed Name in Native Language (if otherthan English)

MS Docket No.: _338459.01

RECORDED: 07/03/2013