#### 502273339 03/15/2013

#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Andrea D'Amato	03/13/2013
Vinod R. Shankar	03/13/2013

#### **RECEIVING PARTY DATA**

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

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13829204

## **CORRESPONDENCE DATA**

Fax Number: 8013281707

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

Phone: 8015339800 Email: dso@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT Address Line 1: 60 E. SOUTH TEMPLE, SUITE 1000 Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 13768.2249

NAME OF SUBMITTER: Adrian J. Lee

Total Attachments: 4

502273339

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PATENT REEL: 030020 FRAME: 0639

PATENT ASSIGNMENT MS Docket No.: 338103.01 WN Docket No.:\_\_13768.2249 I Andrea D'Amato ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent "RECOVERY OF APPLICATION FROM application entitled ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on March 14, 2013 and given Application No. \_\_13/829,204 \_ by the following Office <u>US - United</u> States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known; was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_\_ by the following Office

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. and requests, **ASSIGNEE'S 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	
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# PATENT ASSIGNMENT

MS Docket No.: 338103.01 WN Docket No.: 13768,2249

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).

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nted Name in Native Language other than English)

### PATENT ASSIGNMENT

	(XXXIVI IIODIOIWIL	- 1 - 1	WN Docket No.: 13	768.2249
inventor of	od R. Shankar ("ASSIGNOR") a subject matter ("INVENTION entitled " <u>RECOVERY C</u> N"), which:	") disclosed a	and/or claimed	in a patent
	will be filed. ASSIGNOR ASSIGNEE'S legal representation. Department, Microsoft Corpo Washington 98052 (ASSIGNEE here in parentheses (filed Application No. 13/829,204 States Patent and Trader Application No., filing date, and	ves, of the Law ration, One Mic 'S LEGAL REPRI on <u>March 14</u> by the follow mark Office)	v and Corporate crosoft Way, Red ESENTATIVES), to 1, 2013 and wing Office US — this APPLICA	Affairs Imond, o insert given United
	was filed on a No by the fo	ollowing Office		

MS Docket No : 338103.01

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"));

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Application No.	Filing Date	Office	
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	5 13 2013
Inventor's Signature	Date
Vinod R. Shankar	
Printed Name in English	Printed Name in Native Language (if other than English)