

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven Andrew Welch</td> <td>10/01/2012</td> </tr> <tr> <td>Takahiro Shigemitsu</td> <td>09/27/2012</td> </tr> <tr> <td>Timothy Allen Wright</td> <td>09/27/2012</td> </tr> <tr> <td>Mark D. Vance</td> <td>10/01/2012</td> </tr> <tr> <td>Steven E. Wittenberg</td> <td>09/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven Andrew Welch	10/01/2012	Takahiro Shigemitsu	09/27/2012	Timothy Allen Wright	09/27/2012	Mark D. Vance	10/01/2012	Steven E. Wittenberg	09/26/2012
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Timothy Allen Wright	09/27/2012												
Mark D. Vance	10/01/2012												
Steven E. Wittenberg	09/26/2012												
RECEIVING PARTY DATA													
Name:	Microsoft Corporation												
Street Address:	One Microsoft Way												
City:	Redmond												
State/Country:	WASHINGTON												
Postal Code:	98052												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13659777</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13659777								
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Application Number:	13659777												
CORRESPONDENCE DATA													
Fax Number:	4259367329												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	336948.01												
NAME OF SUBMITTER:	Gopal Sharma												

CH \$40.00 13659777

Total Attachments: 10


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PATENT ASSIGNMENT

MS Docket No.: 336948.01

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).

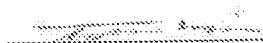
 Inventor's Signature	1 Oct 2012 Date
Steven Andrew Welch Printed Name in English	 Printed Name in Native Language (if other than English)

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 Inventor's Signature	<u>9-17-2012</u> Date
Timothy Allen Wright Printed Name in English	 Printed Name in Native Language (if other than English)

I Mark D. Vance ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Input Testing Tool" ("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 24-OCT-2012 and given Application No. 13/659777 by the following Office US 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 " _____";

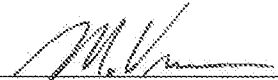
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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;

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	<u>10-1-12</u>
Inventor's Signature	Date
<u>Mark D. Vance</u>	<u>MARK D. VANCE</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Steven E. Wittenberg ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Input Testing Tool" ("APPLICATION"), which:

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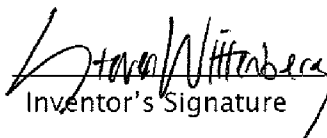
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 Inventor's Signature	<u>9-26-12</u> Date
<u>Steven E. Wittenberg</u> Printed Name in English	 Printed Name in Native Language (if other than English)