## 502108011 10/26/2012

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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

#### **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:	13659777

## **CORRESPONDENCE DATA**

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Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	336948.01
NAME OF SUBMITTER:	Gopal Sharma

PATENT

REEL: 029195 FRAME: 0305

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502108011 REEL: 0

Total Attachments: 10 source=336948-01-Executed-Assignment#page1.tif source=336948-01-Executed-Assignment#page2.tif source=336948-01-Executed-Assignment#page3.tif source=336948-01-Executed-Assignment#page4.tif source=336948-01-Executed-Assignment#page5.tif source=336948-01-Executed-Assignment#page6.tif source=336948-01-Executed-Assignment#page7.tif source=336948-01-Executed-Assignment#page8.tif source=336948-01-Executed-Assignment#page9.tif source=336948-01-Executed-Assignment#page9.tif

PATENT REEL: 029195 FRAME: 0306

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

MS Docket No.: 336948.01

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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, 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

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);

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

I <u>Takahiro Shigemitsu</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Input Testing Tool</u>" ("APPLICATION"), which:

MS Docket No.: <u>336948.01</u>

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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"));

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Application No.	Filing Date	Office

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);

MS Docket No.: <u>336948.01</u>

24.57.4	22222
Inventor's Signature	Date
Takahiro Shigemitsu	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 336948.01

I Timothy Allen Wright ("	ASSIGNOR") am the origin	al inventor or an original joint
inventor of subject matter (	"NVENTION") disclosed	and/or claimed in a patent
application entitled "input Testi	<u>ng Tool</u> " ("APPLICATION"),	which:
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(and all other applications	and patents derived the	erefrom, such as continuing
applications, in and for the	Jnited States, its territor	ies, and all foreign countries
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Page 1 of 1

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):

2	9-27-8012
Inventor's Signature	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 \_\_\_\_\_ and given 13/659777 No. by the following Office Application 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")); ASSIGNEE'S LEGAL ASSIGNOR hereby authorizes. and requests, REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Application No. Filing Date

Page 1 of 2

MS Docket No.: 336948.01

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);

	3.0°4 5 3.9°5
Inventor's Signature	
Mark D. Vance	WARK D. VANCE
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: 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 24-OCT-2012 here in parentheses (filed on and given 13/659777 Application No. 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; Office Application No. Filing Date

Page 1 of 2

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MS Docket No.: 336948.01

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	9-26-12 Date
Steven E. Wittenberg	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

**RECORDED: 10/26/2012**