

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3772459

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LORENZ HENRIC JENTZ	03/03/2016
YOUNG DUK SONG	03/03/2016
YEONGKYU YOO	03/03/2016
NICOLAS DENHEZ	03/03/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT CORPORATION
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29556245
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)824-3001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(202) 824-3000
<b>Email:</b>	bwptopat@bannerwitcoff.com, msigur@bannerwitcoff.com
<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD.
<b>Address Line 1:</b>	1100 13TH ST. NW
<b>Address Line 2:</b>	STE 1200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	013797.12874
<b>NAME OF SUBMITTER:</b>	JEFFREY H. CHANG
<b>SIGNATURE:</b>	/Jeffrey H. Chang/
<b>DATE SIGNED:</b>	03/08/2016
<b>Total Attachments: 4</b>	
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PATENT ASSIGNMENT

I, Lorenz Henric Jentz ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-4051, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on 2/29/2016, and was given U.S. Serial No. 29/556245
- is filed concurrently herewith;

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'));

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, the 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).

3/3/16 \_\_\_\_\_  
DATE Lorenz Henric Jentz

**PATENT ASSIGNMENT**

I, Young Duk Song ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-4051, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's U.S. Serial Number and filing date, when known;
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Mar/03/2016

DATE



Young Duk Song

**PATENT ASSIGNMENT**

I, YeongKyu Yoo ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-4051, who are associated with customer number 28319, to insert here in parenthesis (U.S. Serial No \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's U.S. Serial Number and filing date, when known;
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3/3/2016  
DATE \_\_\_\_\_  
YeongKyu Yoo

PATENT ASSIGNMENT

I, Nicolas Denhez ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed and/or claimed in a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'), which:

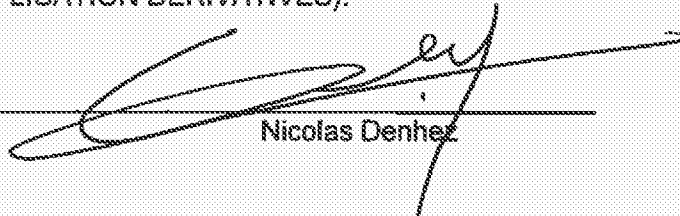
- will be filed without this executed PATENT ASSIGNMENT.  
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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

3/3/2016  
DATE

  
Nicolas Denhez