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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LORENZ HENRIC JENTZ	03/03/2016
YOUNG DUK SONG	03/03/2016
YEONGKYU YOO	03/03/2016
NICOLAS DENHEZ	03/03/2016

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:	29556245

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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bwptopat@bannerwitcoff.com, msigur@bannerwitcoff.com Email:

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1100 13TH ST. NW Address Line 1:

Address Line 2: STE 1200

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	013797.12874
NAME OF SUBMITTER:	JEFFREY H. CHANG
SIGNATURE:	/Jeffrey H. Chang/
DATE SIGNED:	03/08/2016

Total Attachments: 4

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	nric Jentz ('ASSIGNOR'), have invented subject matter ('INVENTION') imed in a patent application entitled 'COMPUTER INPUT DEVICE' thich:
□ w A ns V 2	ill be filed without this executed PATENT ASSIGNMENT. SSIGNOR hereby authorizes and requests ASSIGNEE'S legal spresentatives, of Banner & Witcoff, LTD., 1100 13th Street NW, Suite 1200 /ashington, DC 20005-4051, who are associated with customer number 8319, to insert here in parenthesis (U.S. Serial No, filed) this APPLICATION's U.S. Serial Number and filing date, when
⊠ w	as filed on 2/29/2016, and was given U.S. Serial No. 29/556245
\square is	filed concurrently herewith;
and assigns ('ASSIC rights, title and intercand patents derived territories, and all for For good and the ASSIGNOR, the entire and exclusive APPLICATION DER ASSIGNOR and prosecution of tiregarding letters pat	rporation, a Washington Corporation, on behalf of itself and its successors SNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive est in the INVENTION and the APPLICATION (and all other applications therefrom, such as continuing applications, in and for the United States, its reign countries ('APPLICATION DERIVATIVES')); It valuable consideration, the receipt of which is hereby acknowledged by ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the rights, title and interest in the INVENTION and the APPLICATION (and IVATIVES); agrees to execute all instruments and documents required for the making the APPLICATION (and APPLICATION DERIVATIVES), for litigation ent derived therefrom, and for the purpose of protecting and perfecting title it (and APPLICATION DERIVATIVES).
DATE '	Lorenz Henrid Jentz

	Duk Song ('ASSIGNOR'), have invented subject matter ('INVENTION') claimed in a patent application entitled 'COMPUTER INPUT DEVICE' , 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
図	was filed on 2/29/2016, and was given U.S. Serial No. 29/556245
	is filed concurrently herewith;
and assigns ('ASt rights, title and int and patents deriv	Corporation, a Washington Corporation, on behalf of itself and its successors SIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive terest in the INVENTION and the APPLICATION (and all other applications ed therefrom, such as continuing applications, in and for the United States, its foreign countries ('APPLICATION DERIVATIVES'));
For good a the ASSIGNOR, t	and valuable consideration, the receipt of which is hereby acknowledged by he ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the ve rights, title and interest in the INVENTION and the APPLICATION (and
ASSIGNO and prosecution c regarding letters p	R agrees to execute all instruments and documents required for the making of the APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title ION (and APPLICATION DERIVATIVES).
11 /	1 +414

Young Duk Song

	yu Yoo ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'),
2000000	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
and the state of t	is filed concurrently herewith;
and assigns ('ASS rights, title and int and patents derive	Corporation, a Washington Corporation, on behalf of itself and its successors SIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive erest in the INVENTION and the APPLICATION (and all other applications ed therefrom, such as continuing applications, in and for the United States, its foreign countries ('APPLICATION DERIVATIVES'));
he ASSIGNOR, t	and valuable consideration, the receipt of which is hereby acknowledged by he ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the ve rights, title and interest in the INVENTION and the APPLICATION (and ERIVATIVES);
and prosecution of regarding letters p	R agrees to execute all instruments and documents required for the making of the APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title ON (and APPLICATION DERIVATIVES).
3/3/	2016

YeongKyu Yoo

DATE

	s Denhez ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed n a patent application entitled 'COMPUTER INPUT DEVICE' ('APPLICATION'),
C	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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	is filed concurrently herewith;
and assigns ('AS rights, title and in and patents derivers) territories, and a For good the ASSIGNOR, entire and exclusive APPLICATION (ASSIGN) and prosecution regarding letters	Corporation, a Washington Corporation, on behalf of itself and its successors SIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive interest in the INVENTION and the APPLICATION (and all other applications wed therefrom, such as continuing applications, in and for the United States, its II foreign countries ('APPLICATION DERIVATIVES')); and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the sive rights, title and interest in the INVENTION and the APPLICATION (and DERIVATIVES); OR agrees to execute all instruments and documents required for the making of the APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title FION (and APPLICATION DERIVATIVES).
3/3/ 2	016
DATE	Nicolas Denhee

RECORDED: 03/08/2016