PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4461251

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY JONES	04/10/2017
HONG YU CHEN	04/20/2017
WEI ZHENG	04/17/2017
RALF GROENE	06/13/2017

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:	29600159

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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

Correspondent Name: BANNER & WITCOFF, LTD.

Address Line 1: 1100 13TH ST. NW

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Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	013797.13415\US
NAME OF SUBMITTER:	JOHN M. FLEMING
SIGNATURE:	/John M. Fleming/
DATE SIGNED:	06/15/2017

Total Attachments: 4

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PATENT REEL: 042716 FRAME: 0691

Any. Ref: 013797.13415\US MS# 402116-US-DP

PATENT ASSIGNMENT

	ory Jones ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed in a patent application entitled 'ELECTRONIC MOUSE' ('APPLICATION'),
	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_29/600159_, filed_4/10/2017_) this APPLICATION's U.S. Serial Number and filing date, when known;
· ·	was filed on , and was given U.S. Serial No.
	is filed concurrently herewith;
and assigns (), rights, title and and patents de territories, and For go- the ASSIGNO entire and exc APPLICATION ASSIG and prosecution tegarding lette to the APPLIC	oft Corporation, a Washington Corporation, on behalf of itself and its successors ASSIGNEE'), is entitled to, and is desirous of acquiring, the entire and exclusive interest in the INVENTION and the APPLICATION (and all other applications erived therefrom, such as continuing applications, in and for the United States, its all foreign countries ('APPLICATION DERIVATIVES')); and and valuable consideration, the receipt of which is hereby acknowledged by R, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the lusive rights, title and interest in the INVENTION and the APPLICATION (and IDERIVATIVES); NOR agrees to execute all instruments and documents required for the making on of the APPLICATION (and APPLICATION DERIVATIVES), for litigation its patent derived therefrom, and for the purpose of protecting and perfecting title ATION (and APPLICATION DERIVATIVES).
<u>4. 10</u>	.17 Gregory Jones
DATE	Gregory Jones

PATENT REEL: 042716 FRAME: 0692

<u>PATENT ASSIGNMENT</u>

	J Chen ('ASSIGNOR'), have invented subject matter ('INVENTION') disclosed a patent application entitled 'ELECTRONIC MOUSE' ('APPLICATION'),
	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
	was filed on 4/10/2017, and was given U.S. Serial No. 29/600159
	is filed concurrently herewith;
and assigns ('AS; rights, title and int and patents derive remitories, and all For good a the ASSIGNOR, to antire and exclusion APPLICATION DI ASSIGNO and prosecution of regarding letters p	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 and therefrom, such as continuing applications, in and for the United States, its 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 ve rights, title and interest in the INVENTION and the APPLICATION (and ERIVATIVES); 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). Hong Yu Chen
we vices. The following so subtlefted the specified of the specified specified the specified specified in the specified spec	r je kaji or okupat gino okuk tot 1900. Oka i <mark>kaji ili bio j</mark> edanika gradio kaga tata ora aj kadi oka aj kaji Pro oka oka kaji akaji di kaji di kaji kaji kaji kaji kaji propikaji kaji projektio i kaji kaji tati kaji kaj

PATENT ASSIGNMENT

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the ASSIGNOR, t	and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the verights, title and interest in the INVENTION and the APPLICATION (and ERIVATIVES);
and prosecution or regarding letters p	R agrees to execute all instruments and documents required for the making fithe APPLICATION (and APPLICATION DERIVATIVES), for litigation patent derived therefrom, and for the purpose of protecting and perfecting title ON (and APPLICATION DERIVATIVES).
04/17/1	
DATE	Wei Zheng

PATENT ASSIGNMENT

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JUNE 13 2 DATE	2017 (A) Raif Groene

PATENT REEL: 042716 FRAME: 0695

RECORDED: 06/15/2017