11/19/2015 503577619

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3624247

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER KUJAWSKI	11/04/2015
KENNETH JASINSKI	11/04/2015

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:	29543910

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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.

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

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ATTORNEY DOCKET NUMBER: 013797.12179		
NAME OF SUBMITTER:	STEVE S. CHANG	
SIGNATURE:	/Steve Chang/	
DATE SIGNED:	11/19/2015	

Total Attachments: 2

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> **PATENT** REEL: 037091 FRAME: 0910 503577619

PATENT ASSIGNMENT

	her Kujawski ('ASSIGNOR'), have invented subject matter ('INVENTION') claimed in a patent application entitled 'CONTROLLER' ('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, filed) this APPLICATION's U.S. Serial Number and filing date, when known;
X	was filed on 10/29/2015, and was given U.S. Serial No. 29/543910
	is filed concurrently herewith;
and assigns ('ASS rights, title and int and patents derive territories, and all For good at the ASSIGNOR, tentire and exclusi APPLICATION DI ASSIGNO and prosecution or 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 ed 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 verights, title and interest in the INVENTION and the APPLICATION (and ERIVATIVES); Ragrees 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).
11-04-15	MASUKOU.
DATE	Christopher Kujawski

PATENT REEL: 037091 FRAME: 0911

PATENT ASSIGNMENT

	Jasinski ('ASSIGNOR'), have invented subject matter ('INVENTION')
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the ASSIGNOR, I	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 of regarding letters	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).
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DATE	/ Kenneth Jasinski

RECORDED: 11/19/2015

Kenneth Jasinski

PATENT REEL: 037091 FRAME: 0912