

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4397121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES CHIA-MING LIU	06/13/2011
BENJAMIN ISAAC VAUGHT	06/09/2011
PAOLO MALABUYO	06/09/2011
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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15400591
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Correspondent Name:	SHOOK, HARDY & BACON L.L.P.
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Address Line 2:	INTELLECTUAL PROPERTY DEPARTMENT
Address Line 4:	KANSAS CITY, MISSOURI 64108-2613
ATTORNEY DOCKET NUMBER:	332719-US-CNT/MFCP.268773
NAME OF SUBMITTER:	JOHN S. GOLIAN
SIGNATURE:	/JOHN S. GOLIAN/
DATE SIGNED:	05/03/2017
Total Attachments: 3	
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source=MFCP_268773_Assignment_from_Parent#page3.tif	

PATENT ASSIGNMENT


WE, James Chia-Ming Liu, Benjamin Isaac Vaught and Paolo Malabuyo ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USER-MOUNTED DEVICE CALIBRATION USING EXTERNAL DATA" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P. 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with customer number 45809, to insert here in parenthesis (Application No. _____, filed _____) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- 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).

 James Chia-Ming Liu	6-13-11 Date	James Liu Printed Name in Native Language
Benjamin Isaac Vaught	Date	Printed Name in Native Language
Paolo Malabuyo	Date	Printed Name in Native Language

PATENT ASSIGNMENT

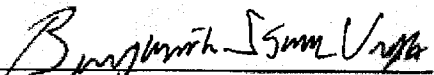

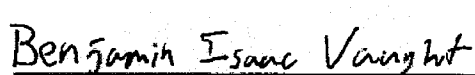
WE, James Chia-Ming Liu, Benjamin Isaac Vaught and Paolo Malabuyo ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USER-MOUNTED DEVICE CALIBRATION USING EXTERNAL DATA" ("APPLICATION"), which:

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_____ James Chia-Ming Liu	_____ Date	_____ Printed Name in Native Language
 Benjamin Isaac Vaught	 Date	 Printed Name in Native Language
_____ Paolo Malabuyo	_____ Date	_____ Printed Name in Native Language

PATENT ASSIGNMENT

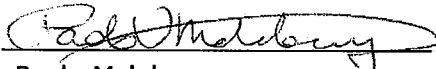
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_____ James Chia-Ming Liu	_____ Date	_____ Printed Name in Native Language
_____ Benjamin Isaac Vaught	_____ Date	_____ Printed Name in Native Language
 Paolo Malabuyo	JUNE 9, 2011 Date	PAOLO MALABUYO Printed Name in Native Language