

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PETER S. HOANG	06/19/2012
	JEDD A. PERRY	06/21/2012
	ROD G. FLECK	06/19/2012
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:	13726458	
CORRESPONDENCE DATA		
Fax Number:	(509)755-7252	
<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>		
Phone:	5097557262	
Email:	danielle@wolfe-sbmc.com	
Correspondent Name:	WOLFE-SBMC	
Address Line 1:	601 W. MAIN AVE	
Address Line 2:	SUITE 1300	
Address Line 4:	SPOKANE, WASHINGTON 99201	
ATTORNEY DOCKET NUMBER:	336182.02	
NAME OF SUBMITTER:	WILLIAM J. BREEN, III	
SIGNATURE:	/William J. Breen, III, Reg. No. 45,313/	
DATE SIGNED:	10/29/2014	
Total Attachments: 2		
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PATENT ASSIGNMENT

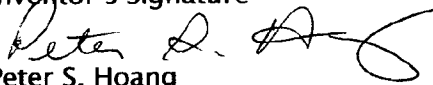
I/WE, Peter S. Hoang, Jedd A. Perry, Rod G. Fleck ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "HYBRID DEVICE LOCATION DETERMINATION SYSTEM" ("APPLICATION"), which:

- ☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 13/529,210, filed 06/21/2012 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).

Inventor's Signature  Peter S. Hoang	Date 6/19/2012
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Jedd A. Perry	6/21/2012
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Rod G. Fleck	6/19/2012
Printed Name in English	Printed Name in Native Language (if other than English)