PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GURSHARAN S. SIDHU	07/13/2011
SHARAD AGARWAL	07/12/2011

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:	15181091

CORRESPONDENCE DATA

Fax Number: (509)252-5002

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

Phone: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	333394.02
NAME OF SUBMITTER:	ALEX LEA
SIGNATURE:	/Alex Lea/
DATE SIGNED:	06/13/2016

Total Attachments: 4

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PATENT 503868948 REEL: 038900 FRAME: 0113

PATENT ASSIGNMENT

I/WE, Gursharan S. Sidhu, Sharad Agarwal ("ASSIGNOR"), have inver	ited subject
matter ("INVENTION") disclosed and/or claimed in a patent application entitled ",	ACTIVATING
AND DEACTIVATING SENSORS FOR DEAD RECKONING" ("APPLICATION"), which:	

\boxtimes	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereb		
	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. $\frac{13/183050}{}$, filed $\frac{7/14/2011}{}$) this APPLICATION's Application No. and filing date, when		
			known;
		is filed concurrently herewith;	
M	icrosoft Corporation, a Washington Corporation, on hehalf 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 Cursharan S. Sidhu	Date July 13, 2011
Printed Name in English Gursharan S. Sidhu	Printed Name in Native Language (if other than English)

Page 1 of 2

PATENT REEL: 038900 FRAME: 0114

Inventor's Signature	Date
Sharad Agarwal	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I/WE, Gursharan S. Sidhu, Sharad Agarwal ("ASSIGNOR"), have invented subject
matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ACTIVATING
AND DEACTIVATING SENSORS FOR DEAD RECKONING" ("APPLICATION"), which:

X	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereb
	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. $\frac{13/183050}{}$,
	filed 7/14/2011 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"));

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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	Date
Gursharan S. Sidhu	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 2

Inventor's Signature	Date
Shabal	12 July 2011
Sharad Agarwal	
Printed Name in English	Printed Name in Native Language (if
Sharad Agarwal	other than English)