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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiang Cao	02/10/2011
Minghui Sun	02/10/2011
Shahram Izadi	02/25/2011
Hrvoje Benko	02/10/2011
Kenneth P. Hinckley	02/11/2011

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WA
Postal Code:	98052-6399

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13026058

CORRESPONDENCE DATA

Fax Number: (509)944-4692

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

509-324-9256 Phone:

Email: marianne@leehayes.com Correspondent Name: Lee & Hayes, PLLC

601 W. Riverside Ave, Suite 1400 Address Line 1: Address Line 4: Spokane, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MS1-5153US
NAME OF SUBMITTER:	Marianne Wintermute

PATENT

REEL: 025890 FRAME: 0147

Total Attachments: 10	
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PATENT REEL: 025890 FRAME: 0148

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153UŞ</u>)

I/WE, Xiang Cao, Minghui Sun, Shahram Izadi, Hrvoje Benko, and Kenneth P Hinckley, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MULTI-TOUCH INPUT DEVICE WITH ORIENTATION SENSING" ("APPLICATION"), which:
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
Lee & Hayes, PLLC, 601 W. Riverside Avenue, Suite 1400, Spokane,
Washington 99201, who are associated with customer number
22801, to insert here in parenthesis (Application No. 13/026,058,
filed $\frac{2/ii/20ii}{20ii}$ 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).
Xiang Cao: 4 Y
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(mo Wern / 10 FEB 2011 EL TXX)
Inventor's Signature Date Printed Name in Native Language

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US)</u>

Minghui Sun:		
Inventor's Signature	Date	Printed Name in Native Language
Shahram Izadi:		
Inventor's Signature	Date	Printed Name in Native Language
Hrvoje Benko:		
Inventor's Signature	Date	Printed Name in Native Language
Kenneth P Hinckley:		
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: 332076.01 (OC Docket No.: MS1-5153US)

Inventor's Signature	Date	Printed Name in Native Language	
Xiang Cao:			
and perfecting title to the	APPLICATION (and	APPLICATION DERIVATIVES).	
	·	erefrom, and for the purpose of protecting	
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for			
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		ration, the receipt of which is hereby	
("APPLICATION DERIVATIVE		territories, and all foreign countries	
	-	ed therefrom, such as continuing	
		in the INVENTION and the APPLICATION	
		ntitled to, and is desirous of acquiring, the	
	·	ngton Corporation, on behalf of itself and	
is filed c	oncurrently herew	ith;	
was filed	d on an	d was given Application No;	
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		PLICATION's Application No. and filing date,	
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		uests, ASSIGNEE'S legal representatives, of	
		xecuted PATENT ASSIGNMENT, ASSIGNOR	
ORIENTATION SENSING" ("A			
		TI-TOUCH INPUT DEVICE WITH	
	•	iect matter ("INVENTION") disclosed and/or	
I/WE, Xiang (Cao, Minghui Sun,	Shahram Izadi, Hrvoje Benko, and Kenneth	

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US)</u>

Minghui Sun:		\ , ,)
Mrfhul Sun_ Inventor's Signature	teb look, 2	叫和翁宝
Inventor's Signature	Date	Printed Name in Native Language
Shahram Izadi:		
Inventor's Signature	Date	Printed Name in Native Language
Hrvoje Benko:		
Thivoje Benko.		
Inventor's Signature	Date	Printed Name in Native Language
Kenneth P Hinckley:		
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US</u>)

Inventor's Signature	Date	Printed Name in Native Language			
Xiang Cao:					
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Microsoft Cor	poration, a Wash	ington Corporation, on behalf of itself and			
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P Hinckley, ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or					
I/WE, Xiang C	ao, Minghui Sun,	Shahram Izadi, Hrvoje Benko, and Kenneth			

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US</u>)

Minghui Sun:		
Inventor's Signature	Date	Printed Name in Native Language
Shahram Izadi:		
Inventor's Signature	Date	Printed Name in Native Language
Hrvoje Benko:	2/10/11	HRVOSE BENKO
Inventor's Signature	Date	Printed Name in Native Language
Kenneth P Hinckley:		
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US</u>)

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	Washington 99201, who are associated with customer number						
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Xiang Cao:							
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Inventor's Signature	Date	Printed Name in Native Language					

Page 1 of 2

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-5153US)</u>

Minghuí Sun:		
Inventor's Signature	Date	Printed Name in Native Language
Shahram Izadi:		
Inventor's Signature	Date	Printed Name in Native Language
Hrvoje Benko:		
Inventor's Signature	Date	Printed Name in Native Language
Kenneth P Hinckley: Non Umh	2/11/2011	KENNETH P. HINCKLEY
Inventor's Signature	Date	Printed Name in Native Language

MS Docket No.: <u>332076.01</u> (OC Docket No.: <u>MS1-\$153US)</u>

P Hinckley, ("ASSIGNOR claimed in a patent app ORIENTATION SENSING" will be hereb	"), have invented subjuication entitled "MUL" ("APPLICATION"), whice filed without this expanded and requestion 99201, who are to insert here in parts."	Shahram Izadi, Hrvoje Benko, and Kenneth ect matter ("INVENTION") disclosed and/or TI-TOUCH INPUT DEVICE WITH ch: secuted PATENT ASSIGNMENT. ASSIGNOR uests, ASSIGNEE'S legal representatives, of Riverside Avenue, Suite 1400, Spokane, e associated with customer number renthesis (Application No, LICATION's Application No. and filing										
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MS Docket No.: <u>332076,01</u> (OC Docket No.: <u>MS1-5153US</u>)

Minghui Sun: Inventor's Signature	Date	Printed Name in Native Language
Shahram Izadi:		
Shalmfadi	25-FOB-11	Shahram Izadi
Inventor's Signature	Date	Printed Name in Native Language
Hrvoje Benko:		
Inventor's Signature	Date	Printed Name in Native Language
Kenneth P Hinckley:		
Inventor's Signature	Date	Printed Name in Native Language