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Harper LaFave 2/25/2010	Name: Microsoft Corporation				
Stephen Hodges 2/22/2010	Internal Address:				
James Scott 2/22/2010					
Additional name(s) of conveying party(ies) attached?  Yes No	Charle Dalabara Com Minner of Man				
Nature of conveyance/Execution Date(s):     Execution Date(s) Listed in Box 1 above	Street Address: One Microsoft Way				
Assignment Merger					
	City: Redmond				
Security Agreement Change of Name  Joint Research Agreement					
Government Interest Assignment	State: WA				
Executive Order 9424, Confirmatory License	Country: US Zip: 98052-6399				
Other					
	Additional name(s) & address(es) attached? Yes V No				
<u>—</u>	document is being filed together with a new application.  B. Patent No.(s)				
A. Patent Application No.(s)	b. Faterit No.(5)				
12/714,295 filed 2/26/2010					
Additional numbers att	ached? Yes VNo				
5. Name and address to whom correspondence	6. Total number of applications and patents				
concerning document should be mailed:	involved: 1				
Name: Lee & Hayes, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40				
Internal Address:					
	Authorized to be charged to deposit account				
Street Address: 601 W Riverside Ste 1400	Finclosed				
	None required (government interest not affecting title)				
City: Spokane	8. Payment Information				
State: WA Zip: 99201					
Phone Number: 509-324-9256	Domesti Assessmi Novek				
Fax Number: 509-324-8979	Deposit Account Number				
Email Address:	Authorized User Name				
9. Signature:	A1.15 2010				
Signature	- Αρν.) 5, 2010 Date				
Lewis C. Lee	Total number of pages including cover				
Name of Person Signing	sheet, attachments, and documents: 6				

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PATENT REEL: 024190 FRAME: 0119 Recordation Form Cover Sheet Additional Pages MS6 - 0210US

Patent Application No

Patent No.

12/714,295

filed 2/26/2010

Name of Conveying Parties	Execution Date
Shahram Izadi	2/22/2010
David Molyneaux	2/22/2010
Nicolas Villar	2/22/2010
David Alexander Butler	2/22/2010
Mike Hazas	3/15/2010

2/22/2010

3/15/2010

PATENT REEL: 024190 FRAME: 0120

MS Docket No.: 328670.01 (OC Docket No.:

I, Harper LaFave, Stephen Hodges, James Scott, Shahram Izadi, David
Molyneaux, Nicolas Villar, David Alexander Butler and Mike Hazas ("ASSIGNOR"), have
invented subject matter ("INVENTION") disclosed and/or claimed in a patent application
entitled "USER INTERFACE CONTROL USING A KEYBOARD" ("APPLICATION"), which:

$\boxtimes$	will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR
	hereby authorizes, and requests, ASSIGNEE'S legal representatives, of
	Lee & Hayes, PLLC, 601 West Riverside Avenue, Suite 1400, Spokane,
	Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (Application No. 12474, filed
	22801, to insert here in parenthesis (Application No. 12749, filed
	120/200 this APPLICATION's Application No. and filing date,
	when known;
	was filed on and was given;
	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).

Harper LaFave

Inventor's Signature

Date

Printed Name in Native Language

Olytongs 22 Feb 2010 Stephen Hodges

nventor's Signature Date Printed Name in Native Language

MS Docket No.: 328670.01 (OC Docket No.: )

Inventor's Signature

Inventor's Signature

Date

David Molyneaux

Printed Name in Native Language

Inventor's Signature

Printed Name in Native Language

Inventor's Signature

Printed Name in Native Language

Mike Hazas

Inventor's Signature

Date

Printed Name in Native Language

MS Docket No.: 328670.01 (OC Docket No.: MS6-0210US)

l, Harper LaFa	ive, Stephen Hodge	es, James Scott, Shahram Izadi, David
Molyneaux, Nicolas Villar, I	David Alexander Bu	itler and Mike Hazas ("ASSIGNOR"), have
invented subject matter ("If	NVENTION") disclos	sed and/or claimed in a patent application
entitled "USER INTERFACE	CONTROL USING A	KEYBOARD" ("APPLICATION"), which:
		ecuted PATENT ASSIGNMENT. ASSIGNOR
hereby au	ithorizes, and regi	iests, ASSIGNEE'S legal representatives, of
		t Riverside Avenue, Suite 1400, Spokane,
	•	associated with customer number
_	•	enthesis (Application No, filed
,	•	CATION's Application No. and filing date,
when kno	wn;	•
g	•	010 and was given U.S. Serial No.
	<u> 295</u> ;	
is filed co	oncurrently herewit	:h;
Microsoft Cor	poration, a Washin	gton Corporation, on behalf of itself and
its successors and assigns	("ASSIGNEE"), is en	titled to, and is desirous of acquiring, the
entire and exclusive rights,	title and interest i	n the INVENTION and the APPLICATION
(and all other applications	and patents derive	d therefrom, such as continuing
applications, in and for the	United States, its	territories, and all foreign countries
("APPLICATION DERIVATIVE	S"));	
For good and	valuable considera	ation, the receipt of which is hereby
acknowledged by the ASSIC	NOR, the ASSIGNO	OR hereby sells, assigns and transfers to
the ASSIGNEE, the entire ar	ıd exclusive rights,	title and interest in the INVENTION and
the APPLICATION (and APP	LICATION DERIVAT	IVES);
ASSIGNOR ag	rees to execute all	instruments and documents required for
the making and prosecutio	n of the APPLICATI	ON (and APPLICATION DERIVATIVES), for
- ·		refrom, and for the purpose of protecting
		APPLICATION DERIVATIVES).
	·	
		Harper LaFave
Inventor's Signature	Date	Printed Name in Native Language
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<u></u>	41-44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	Stephen Hodges
Inventor's Signature	Date	Printed Name in Native Language
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Page 1 of 2

PATENT REEL: 024190 FRAME: 0123

MS Docket No.: 328670.01 (OC Docket No.: MS6-0210US)

		James Scott
Inventor's Signature	Date	Printed Name in Native Language
		Shahram Izadi
Inventor's Signature	Date	Printed Name in Native Language
		David Molyneaux
Inventor's Signature	Date	Printed Name in Native Language
	·	Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language
		David Alexander Butler
Inventor's Signature	Date	Printed Name in Native Language
Michel O. Hom	15/03/	2010 Mike Hazas
Inventor's Signature	Date	Printed Name in Native Language