

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

MS6 - 0193US

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 John Helmes 10/01/2009  
 Nicolas Villar 11/06/2009  
 Hrvoje Benko 10/09/2009  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: Microsoft Corporation  
 Internal Address: \_\_\_\_\_  
 Street Address: One Microsoft Way  
 City: Redmond  
 State: WA  
 Country: US Zip: 98052-6399  
 Additional name(s) & address(es) attached?  Yes  No


**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) Listed in Box 1 above  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
12/571,649 filed 10/1/2009  
 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Lee & Hayes, PLLC  
 Internal Address: \_\_\_\_\_  
 Street Address: 601 W Riverside Ste 1400  
 City: Spokane  
 State: WA Zip: 99201  
 Phone Number: 509-324-9256  
 Fax Number: 509-324-8979  
 Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 Deposit Account Number \_\_\_\_\_  
 Authorized User Name \_\_\_\_\_

**9. Signature:**  Signature Nov 13, 2009 Date  
 Lewis C. Lee Name of Person Signing  
 Total number of pages including cover sheet, attachments, and documents: 16

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 12571649

Recordation Form Cover Sheet  
Additional Pages

MS6 - 0193US

Patent Application No

Patent No.

12/571,649            filed 10/1/2009

<u>Name of Conveying Parties</u>	<u>Execution Date</u>
Shahram Izadi	11/09/2009
Daniel A. Rosenfeld	11/09/2009
Stephen Hodges	10/10/2009
David Alexander Butler	10/01/2009
Xiang Cao	10/01/2009
Richard M. Banks	10/01/2009



PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: )

		<u>Hrvoje Benko</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Shahram Izadi</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Daniel Rosenfeld</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Stephen Hodges</u>
Inventor's Signature	Date	Printed Name in Native Language

	<u>19 October 2009</u>	<u>David Alexander Butler</u>
Inventor's Signature	Date	Printed Name in Native Language

	<u>1 Oct 2009</u>	<u>Xiang Cao</u> 
Inventor's Signature	Date	Printed Name in Native Language

		<u>Richard Banks</u>
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 32801.9.03  
(OC Docket No.: MS6-019305)


I, John Helmes, Nicolas Villar, Hrvoje Benko, Shahram Izadi, Daniel Rosenfeld, Stephen Hodges, David Alexander Butler, Xiang Cao and Richard Banks ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INDIRECT MULTI-TOUCH INTERACTION" ("APPLICATION"), which:

- 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. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- was filed on October 1, 2009 and was given U.S. Serial No. 12/571,649;
- 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).

		John Helmes
Inventor's Signature	Date	Printed Name in Native Language
	6/11/2009	Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

		<u>Hrvoje Benko</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Shahram Izadi</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Daniel Rosenfeld</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Stephen Hodges</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>David Alexander Butler</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Xiang Cao</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Richard Banks</u>
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENTMS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

I, John Helmes, Nicolas Villar, Hrvoje Benko, Shahram Izadi, Daniel Rosenfeld, Stephen Hodges, David Alexander Butler, Xiang Cao and Richard Banks ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INDIRECT MULTI-TOUCH INTERACTION" ("APPLICATION"), which:

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\_\_\_\_\_  
Inventor's Signature                      Date                      John Helmes  
Printed Name in Native Language

\_\_\_\_\_  
Inventor's Signature                      Date                      Nicolas Villar  
Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

		Hrvoje Benko
Inventor's Signature	Date	Printed Name in Native Language

		Shahram Izadi
Inventor's Signature	Date	Printed Name in Native Language

		Daniel Rosenfeld
Inventor's Signature	Date	Printed Name in Native Language

		Stephen Hodges
Inventor's Signature	Date	Printed Name in Native Language

		David Alexander Butler
Inventor's Signature	Date	Printed Name in Native Language

		Xiang Cao
Inventor's Signature	Date	Printed Name in Native Language

		Richard Banks
Inventor's Signature	Date	Printed Name in Native Language



**PATENT ASSIGNMENT**MS Docket No.: 328019.01  
(OC Docket No.: M56-0193US)

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		John Helmes
Inventor's Signature	Date	Printed Name in Native Language

		Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: MS6-019305)

		<u>Hrvoje Benko</u>
Inventor's Signature	Date	Printed Name in Native Language

<u><i>Shahram Izadi</i></u>	<u>09-11-09</u>	<u>Shahram Izadi</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Daniel Rosenfeld</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Stephen Hodges</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>David Alexander Butler</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Xiang Cao</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Richard Banks</u>
Inventor's Signature	Date	Printed Name in Native Language

**PATENT ASSIGNMENT**MS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

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		John Helmes
Inventor's Signature	Date	Printed Name in Native Language

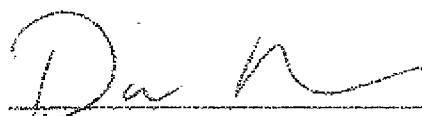
		Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

		<u>Hrvoje Benko</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Shahram Izadi</u>
Inventor's Signature	Date	Printed Name in Native Language

	<u>Nov. 9, 2009</u>	<u>Daniel Rosenfeld</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Stephen Hodges</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>David Alexander Butler</u>
Inventor's Signature	Date	Printed Name in Native Language

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Inventor's Signature	Date	Printed Name in Native Language

		<u>Richard Banks</u>
Inventor's Signature	Date	Printed Name in Native Language

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		<u>John Helmes</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Nicolas Villar</u>
Inventor's Signature	Date	Printed Name in Native Language

PATENT ASSIGNMENTMS Docket No.: 328019.01  
(OC Docket No.: MS6-0193US)

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Inventor's Signature                      Date                      Hrvoje Benko  
Printed Name in Native Language

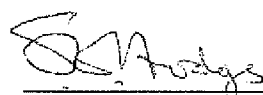
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Inventor's Signature                      Date                      Shahram Izadi  
Printed Name in Native Language

---

Inventor's Signature                      Date                      Daniel Rosenfeld  
Printed Name in Native Language

---

                      10<sup>th</sup> Oct 2009                      Stephen Hodges  
Inventor's Signature                      Date                      Printed Name in Native Language

---

Inventor's Signature                      Date                      David Alexander Butler  
Printed Name in Native Language

---

Inventor's Signature                      Date                      Xiang Cao  
Printed Name in Native Language

---

Inventor's Signature                      Date                      Richard Banks  
Printed Name in Native Language



PATENT ASSIGNMENT

MS Docket No.: 328019.01  
(OC Docket No.: )

		<u>Hrvoje Benko</u>
Inventor's Signature	Date	Printed Name in Native Language

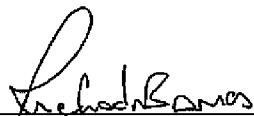
		<u>Shahram Izadi</u>
Inventor's Signature	Date	Printed Name in Native Language

		<u>Daniel Rosenfeld</u>
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Inventor's Signature	Date	Printed Name in Native Language

		<u>Richard Banks</u>
	1 <sup>st</sup> October '09	Richard Banks
Inventor's Signature	Date	Printed Name in Native Language