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

	RM COVER SHEET SONLY MS6 - 0193US
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(les)
	Name: Microsoft Corporation
Nicolas Villar 11/06/2009	Internal Address:
Hrvoje Benko 10/09/2009	
Additional name(s) of conveying party(ies) attached? 🗸 Yes 🔙 No	
3. Nature of conveyance/Execution Date(s):	Street Address: One Microsoft Way
Execution Date(s) Listed in Box 1 above	
Assignment Merger  Security Agreement Change of Name	City:_Redmond
Joint Research Agreement	OL L. WA
Government Interest Assignment	State: WA
Executive Order 9424, Confirmatory License	Country: US Zip: 98052-6399
Other  4. Application or patent number(s): This	Additional name(s) & address(es) attached? Yes 🗹 No
A. Patent Application No.(s) 12/571,649 filed 10/1/2009  Additional numbers att	B. Patent No.(s) ached? ☐ Yes ✓ No
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	Enclosed
0,000,144,16000.	None required (government interest not affecting title)
City: Spokane	8. Payment Information
State: WA Zip: 99201	
Phone Number: 509-324-9256	
Fax Number: 509-324-8979	Deposit Account Number
Email Address:	Authorized User Name
9. Signature:	170.173
Signature	
Lewis C. Lee	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

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

# Recordation Form Cover Sheet Additional Pages

MS6 - 0193US

Patent Application No

Patent No.

12/571,649

filed 10/1/2009 -

Name of Conveying Parties	Execution Date
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

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

Rosenfeld, Stephen Hode ("ASSIGNOR"), have inver	ges, David Alexander i nted subject matter ("I	voje Benko, Shahram Izadi, Daniel Butler, Xiang Cao and Richard Banks NVENTION") disclosed and/or claimed in -TOUCH INTERACTION" ("APPLICATION"),
will be hereby Lee & Hereby Washin 22801, 10/1/2 when k	authorizes, and requi- layes, PLLC, 601 West igton 99201, who are to insert here in pare 2009 ) this APPLIC known;	cuted PATENT ASSIGNMENT. ASSIGNOR ests, ASSIGNEE'S legal representatives, of Riverside Avenue, Suite 1400, Spokane, associated with customer number and only filed ATION's Application No. 12/57/29 filed ATION's Application No. and filing date,
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ar named and	concurrently herewith	ា; gton Corporation, on behalf of itself and
its successors and assignentire and exclusive right (and all other application applications, in and for to ("APPLICATION DERIVATION DERIVATION (and acknowledged by the ASSIGNEE, the entire the APPLICATION (and All ASSIGNOR at the making and prosecut litigation regarding letter	ns ("ASSIGNEE"), is ent ts, title and interest in is and patents derived the United States, its to VES")); and valuable considerate SIGNOR, the ASSIGNOR and exclusive rights, PPLICATION DERIVATIVE agrees to execute all in tion of the APPLICATIC as patent derived there	itled to, and is desirous of acquiring, the the INVENTION and the APPLICATION therefrom, such as continuing erritories, and all foreign countries tion, the receipt of which is hereby 8 hereby sells, assigns and transfers to title and interest in the INVENTION and
		্যতাও John Helmes
Inventor's Signature	Date	Printed Name in Native Language
	SET 100 - 10	Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

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

		Hrvoje Benko
Inventor's Signature	Date	Printed Name in Native Language
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		Shahram Izadi
Inventor's Signature	Date	Printed Name in Native Language
	is the second	Daniel Rosenfeld
Inventor's Signature	Date	Printed Name in Native Language
		Stephen Hodges
Inventor's Signature	Date	Printed Name in Native Language
	Postalia sang	David Alexander Butler
Inventor's Signature	Date	Printed Name in Native Language
the second of the second	1 Oct 2009	Xiang Cao
Inventor's Signature	Date	Printed Name in Native Language
		Richard Banks
Inventor's Signature	Date	Printed Name in Native Language

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

("ASSIGNOR"), nave invi a patent application en	titled "INDIRECT MULTI-T	TENTION") disclosed and/or claimed in COUCH INTERACTION" ("APPLICATION"),
hereb Lee & Wash 2280  when    12/5   is file Microsoft its successors and assi entire and exclusive rig (and all other applications, in and for applications, in and for ("APPLICATION DERIVA For good acknowledged by the A the ASSIGNEE, the entire the APPLICATION (and	by authorizes, and request Hayes, PLLC, 601 West Raington 99201, who are as it, to insert here in parent this APPLICAT his APPLICAT his APPLICAT for an October 1, 2009 at 171,649; and concurrently herewith; corporation, a Washington ("ASSIGNEE"), is entitle ons and patents derived the United States, its term TIVES")); and valuable consideration (ASSIGNOR, the ASSIGNOR) and exclusive rights, title and exclusive rights, title APPLICATION DERIVATIVES.	ted PATENT ASSIGNMENT. ASSIGNOR is, ASSIGNEE'S legal representatives, of liverside Avenue, Suite 1400, Spokane, sociated with customer number thesis (Application No, filed, filed
the making and prosec	cution of the APPLICATION	I (and APPLICATION DERIVATIVES), for
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		John Helmes
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Inventor's Signature	Date	Printed Name in Native Language
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Page 1 of 2

		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

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

i, John Helme	es, Nicolas Villar, Hi	rvoje Benko, Shahram Izadi, Daniel
		Butler, Xiang Cao and Richard Banks
		INVENTION") disclosed and/or claimed in
	*	1-TOUCH INTERACTION" ("APPLICATION"),
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and perfecting title to the .	APPLICATION (and )	APPLICATION DERIVATIVES).
		John Helmes
Inventor's Signature	Date	Printed Name in Native Language
	-	Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

Page 1 of 2

Mrige Bents	- 10/9/09	Hrvoje Benko
Inventor's Signature	Date	Printed Name in Native Language
		Shahram Izadi
Inventor's Signature	Date	Printed Name în Native Language
		Daniel Rosenfeld
Inventor's Signature	Date	Printed Name in Native Language
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		Richard Banks
Inventor's Signature	Date	Printed Name in Native Language

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

1, John He	elmes, Nicolas Villar, Hrv	oje Benko, Shahram Izadi, Daniel
Rosenfeld, Stephen Ho	dges, David Alexander E	Butler, Xiang Cao and Richard Banks
("ASSIGNOR"), have inv	ented subject matter ("II	NVENTION") disclosed and/or claimed in
		-TOUCH INTERACTION" ("APPLICATION"),
which:		,
	e filed without this exe	cuted PATENT ASSIGNMENT. ASSIGNOR
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	·	Riverside Avenue, Suite 1400, Spokane,
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		John Helmes
Incorporate Circumstance	Data	
Inventor's Signature	Date	Printed Name in Native Language
		Nicolas Villar
Inventor's Signature	Date	Printed Name in Native Language

Page 1 of 2

		Hrvoje Benko
Inventor's Signature	Date	Printed Name in Native Language
Halaldi	09-11-09	Shahram Izadi
Inventor's Signature	Date	Printed Name in Native Language
		Daniel Rosenfeld
Inventor's Signature	Date	Printed Name in Native Language
		Stephen Hodges
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		Richard Banks
Inventor's Signature	Date	Printed Name in Native Language

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

I, Joh	n Helmes, Ni <mark>col</mark> as Vill	ar, Hrvoje Benko, Shahram Izadi, Daniel
Rosenfeld, Stepher	n Hodges, David Alexa	nder Butler, Xiang Cao and Richard Banks
("ASSIGNOR"), have	invented subject mat	ter ("INVENTION") disclosed and/or claimed in
a patent applicatio	n entitled "INDIRECT I	MULTI-TOUCH INTERACTION" ("APPLICATION"),
which:		
v	vill be filed without th	is executed PATENT ASSIGNMENT. ASSIGNOR
h	ereby authorizes, and	requests, ASSIGNEE'S legal representatives, of
L	ee & Hayes, PLLC, 601	West Riverside Avenue, Suite 1400, Spokane,
٧	Vashington 99201, wh	o are associated with customer number
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_	•	PPLICATION's Application No. and filing date,
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	,	, 2009 and was given U.S. Serial No.
	12/571,649;	
i	s filed concurrently he	rewith;
Micro	soft Corporation, a W	ashington Corporation, on behalf of itself and
its successors and	assigns ("ASSIGNEE"),	is entitled to, and is desirous of acquiring, the
		rest in the INVENTION and the APPLICATION
(and all other appli	cations and patents d	erived therefrom, such as continuing
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Page 1 of 2

Assess and control of the Assessment of the Asse	and a second of the second	<u>Hrvoje Benko</u>
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Inventor's Signature	Date	Printed Name in Native Language
Dan	Nov. 9, 2009	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
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MS Docket No.: 328019.01 (OC Docket No.: MS6-0193US)

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		VENTION") disclosed and/or claimed in
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her	eby authorizes, and reques	ts, ASSIGNEE'S legal representatives, of
Lee	e & Hayes, PLLC, 601 West F	Riverside Avenue, Suite 1400, Spokane,
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<u>12</u>	/571,649;	
is	filed concurrently herewith;	
Microso	oft Corporation, a Washingt	on Corporation, on behalf of itself and
its successors and a	ssigns ("ASSIGNEE"), is entit	led to, and is desirous of acquiring, the
entire and exclusive	rights, title and interest in	the INVENTION and the APPLICATION
(and all other applica	ations and patents derived t	herefrom, such as continuing
applications, in and	for the United States, its ter	ritories, and all foreign countries
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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

Page 1 of 2

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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
De Modgs	10th Oct 2009	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

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

Rosenfeld, Stephen Hodge ("ASSIGNOR"), have invente	s, David Alexander ed subject matter ("l	voje Benko, Shahram Izadi, Daniel Butler, Xiang Cao and Richard Banks INVENTION") disclosed and/or claimed in I-TOUCH INTERACTION" ("APPLICATION"),
🔀 will be fi	led without this exe	ecuted PATENT ASSIGNMENT. ASSIGNOR
hereby a	uthorizes, and requ	ests, ASSIGNEE'S legal representatives, of
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22801, te	o insert here in par	associated with customer number enthesis (Application No. 12/57/4, filed CATION's Application No. and filing date,
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Microsoft Cor	rporation, a Washin	gton Corporation, on behalf of itself and
its successors and assigns	("ASSIGNEE"), is ent	itled to, and is desirous of acquiring, the
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applications, in and for the ("APPLICATION DERIVATIVE		erritories, and all foreign countries
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		John Helmes
Inventor's Signature	Date	Printed Name in Native Language
		Nicolas Villar
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Page 1 of 2

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		David Alexander Butler
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		Xiang Cao
Inventor's Signature	Date	Printed Name in Native Language
J. J. Rosan	1st October '09	Richard Banks
Inventor's Signature	Date	Printed Name in Native Language
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**RECORDED: 11/13/2009**