City: Spokane State: WA Zip:99201 Phone Number: 509-324-9256 Fax Number: 509-323-8979 Email Address: 9. Signature: Signature Signature 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 06/11 b. Deposit Account Number Authorized User Name 2/27/08 Signature Date	Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
1. Name of conveying party(ies) Tonglu Wynn 2/5/08 Nadim Y. Abdo 2/5/08 Nadimoral name(s) of conveying party(ies) attached? ✓ Yes ✓ No Assignment ✓ Assignment ✓ Change of Name ✓ Joint Research Agreement ✓ State: WA Country: ✓ Zip:98052 ✓ Additional name(s) & address(es) attached? ✓ Yes ✓ No Application or patent number(s): This document is being filed together with a new application. B. Patent No.(s) S. Name and address to whom correspondence concerning document should be mailed: Name: Lee & Haves, PLLC. Internal Address: ✓ Joint Immiber of applications and patents involved: 1 Street Address 421 W Riverside Ave Ste 500 Street Address 421 W Riverside Ave Ste 500 Street Address: ✓ Joint Immiber of applications and patents involved: 1 Authorized to be charged by credit card Authorized to	MS1 - 3638US	
TongLu Wynn 2/5/08 Nadirn Y. Abdo 2/5/08 Nadirn Y. Abdo 2/5/08 Oreste Dorin Ungurean Additional name(s) of conveying partylest attached? ✓ Yes ◯ No 3. Nature of conveyance/Execution Date(s): Execution Date(s) Listed in Box 1 above ✓ Assignment ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other ✓ Additional name(s) & address(es) attached? ◯ Yes ◯ No 4. Application or patent number(s): ☐ A Patent Application No (s) 12/033.856	To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below
Nadim Y. Abdo 2/5/08 Oreste Dorin Ungureanu 2/16/08 Additional name(s) of conveying party(les) attached? ✓ Yes ◯ No 3. Nature of conveyance/Execution Date(s): Execution Date(s) Listed in Box 1 above. ✓ Assignment ◯ Change of Name ☐ Joint Research Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Joint Research Agree ☐ Joint Agreement ☐ Joint Research Agree ☐ Joint Agreeme	1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Oreste Dorin Ungureanu 2/18/08 Additional name(s) of conveying party(set) attached? ✓ Yes ◯ No 3. Nature of conveyance/Execution Date(a): Execution Date(s) Listed in Box 1 above ✓ Assignment ◯ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other ✓ Additional name(s) & address(e) attached? ☐ Yes ☑ No 4. Application or patent number(s): ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) 5. Name and address to whom correspondence concerning document should be mailed: ☐ Name: Lee & Haves, PLLC ☐ Internal Address: ☐ City: Redmond ☐ State: WA ☐ Country: ☐ Zip:98052 ☐ Additional name(s) & address(e) attached? ☐ Yes ☑ No ☐ No. B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ B. Patent No.(s) ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This document is being filed together with a new application. ☐ This documen	1	Name: Microsoft Corporation
Additional name(s) of conveying party(ies) attached? Ves 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 Executive Order 9424. Confirmatory License Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): A Patent Application No (s) 12/033.856 filled 2/19/2008 Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: Lee & Haves, PLLC Internal Address: Street Address: Add	Nadim Y. Abdo 2/5/08	Internal Address:
Execution Date(s) Listed in Box 1 above. Assignment Merger Security Agreement Change of Name Joint Research Agreement Executive Order 9424. Confirmatory License Other Application or patent number(s): A. Patent Application No.(s) This document is being filed together with a new application. B. Patent No.(s) 5. Name and address to whom correspondence concerning document should be mailed: Name: Lee & Hayes, PLLQ Internal Address: Street Address: 421 W Riverside Ave Ste 500 City: Spokane Street Address: 421 W Riverside Ave Ste 500 City: Spokane State WA Country: Zip: 98052 Additional name(s) & address(es) attached? Yes ✓ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$.40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 96/11 b. Deposit Account Number Authorized User Name Phate Figure 14 Agreement State: WA Signature: Signature Signature Figure 14 Agreement State: WA Country: Zip: 98052 Country: Zip: 98052 Additional name(s) & address(es) attached? Yes ✓ No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$.40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 96/11 b. Deposit Account Number Authorized User Name Signature: State: WA Country: Zip: 98052 Additional number of pages including cover of pages includin		
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Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): A Patent Application No.(s) 12/033.856 filed 2/19/2008 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: City: Spokane Street Address: Country: Zip: 98052 Additional name(s) & address(es) attached? Yes No 6. Total number of filed together with a new application. B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 06/11 b. Deposit Account Number Authorized User Name Phase Signature Signature Emmanuel A. Rivera Reg # 45760 State: WA Country: Zip: 98052 Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No State: WA Country: Zip: 98052 Additional name(s) & address(es) attached? Yes No B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) B. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 06/11 b. Deposit Account Number State: WA Signature Signat		
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Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): A. Patent Application No (s) 12/033.856 filed 2/19/2008 Additional numbers attached? Yes No Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: Lee & Haves, PLLC Internal Address: Street Address: 421 W Riverside Ave Ste 500 City: Spokane State: WA Zip:99201 Phone Number: 509-324-9256 Fax Number: 509-324-9256 Fax Number: 509-323-8979 Email Address: 9. Signature: Emmanuet A. Rivera Reg # 45760 Country: Zip:98052 Additional numbers deaders is additional numbers attached? Yes No B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged by credit card None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 95/11 b. Deposit Account Number Authorized User Name Fignature: 2/27/08 Date		State: WA
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Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name:Lee & Haves, PLLC Internal Address: Street Address: City: Spokane State: WA Zip:99201 Phone Number: 509-323-8979 Email Address: 9. Signature: Additional numbers attached? Yes No Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 1109 Expiration Date 06/11 b. Deposit Account Number Authorized User Name Signature Date Emmanuel A. Rivera Reg # 45760 Total number of pages including cover 6	4. Application or patent number(s):	
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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

MS1 - 3658US

Patent Application No

Patent No.

12/033,856

filed

2/19/2008

Name of Conveying Parties

Execution Date

Ivan Brugiolo

2/05/08

PATENT REEL: 020587 FRAME: 0460

MS Docket No. 321844.01 (OC Docket No. MS1-3658US)

PATENT ASSIGNMENT

I/WE, TongLu Wynn, Nadim Y. A	Abdo, Dorin Oreste Ungureanu, Ivan
Brugiolo, , , , , , ("ASSIGNOR"), have invented	
and/or claimed in a patent application entitle	
Remote Access Services" ("APPLICATION"), whi	ich:
will be filed without this ex	ecuted PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and requ	uests, ASSIGNEE'S legal representatives, of
	Riverside Avenue, Suite 500, Spokane,
	e associated with customer number
	enthesis (U.S. Serial No. $^{12/033,856}$,
	CATION's U.S. Serial Number and filing
date, when known;	
was filed on and was giver	n U.S. Seriai No. ;
is filed concurrently herewi	
	igton Corporation, on behalf of itself and
its successors and assigns ("ASSIGNEE"), is en	
entire and exclusive rights, title and interest i	
(and all other applications and patents derive	
applications, in and for the United States, its	territories, and all foreign countries
("APPLICATION DERIVATIVES"));	
<u>=</u>	ation, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIGNO	
the ASSIGNEE, the entire and exclusive rights,	title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIVAT	
	instruments and documents required for
the making and prosecution of the APPLICATI	
litigation regarding letters patent derived the	
and perfecting title to the APPLICATION (and ι	APPLICATION DERIVATIVES).
2/5/2008	for the second
2/5/2008 2/5/2008	Tong Lu Wynn
- / / 0	AA M
2/5/2008	10- 11-
DATE '	Nadim Y. Abdo
DATE	Dorin Oreste Ungureanu
DATE	Ivan Brugiolo

MS Docket No. 321844.01 (OC Docket No. MS1-3658US)

PATENT ASSIGNMENT

	m Y. Abdo, Dorin Oreste Ungureanu, Ivan			
	vented subject matter ("INVENTION") disclosed			
and/or claimed in a patent application entitled "A Framework for Rendering Plug-ins in				
Remote Access Services" ("APPLICATION	"), which:			
🔀 will be filed without t	his executed PATENT ASSIGNMENT. ASSIGNOR			
hereby authorizes, an	nd requests, ASSIGNEE'S legal representatives, of			
·	21 W. Riverside Avenue, Suite 500, Spokane,			
	who are associated with customer number			
_	in parenthesis (U.S. Serial No. 12/033,856),			
	APPLICATION's U.S. Serial Number and filing			
	APPLICATION 5 0.5. Serial Number and ming			
date, when known;				
was filed on and was given U.S. Serial 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 int	erest in the INVENTION and the APPLICATION
			(and all other applications and patents	derived therefrom, such as continuing
			applications, in and for the United State	es, 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				
				rights, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DE				
	ute all instruments and documents required for			
	LICATION (and APPLICATION DERIVATIVES), for			
	ed therefrom, and for the purpose of protecting			
and perfecting title to the APPLICATION	(and APPLICATION DERIVATIVES).			
DATE	Tong Lu Wynn			
DATE	Nadim Y. Abdo			
02/19/2008	Oresta Dorin Un gureann			
DATE	Dorin Oreste Ungureanu			
DATE	Ivan Brugiolo			

MS Docket No. 321844.01 (OC Docket No. M\$1-3658US)

PATENT ASSIGNMENT

I/WE, TongLu Wynn, Nadim Y. Abdo, Dorin Oreste Ungureanu, Ivan Brugiolo, , , , , . ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "A Framework for Rendering Plug-ins in Remote Access Services" ("APPLICATION"), which: Will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (U.S. Serial No. 12/033,856 filed 2/19/08) this APPLICATION's U.S. Serial Number and filing date, when known; was filed on and was given U.S. Serial No.; is filed concurrently herewith;		
DATE	TongLu Wynn	
DATE	Nadim Y. Abdo	
DATE	Dorin Oreste Ungureanu	
02/05/2008	Down Brysh	
DATE	Ivan Brugiolo	

Page 1 of 1