

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4720106

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL J. MCCORMACK	06/07/2010
NICHOLAS JAMES THOMSON	06/07/2010
ANDREW NATHAN MAGEE	06/04/2010
NAVIN ISHWAR THADANI	06/07/2010
SASHI RANJAN	06/07/2010
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<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14827937
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<b>ATTORNEY DOCKET NUMBER:</b>	14917.1527USC1/329601.02
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER J. LEONARD
<b>SIGNATURE:</b>	/Christopher J. Leonard/
<b>DATE SIGNED:</b>	12/06/2017
<b>Total Attachments: 5</b>	
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PATENT ASSIGNMENT

WE, Michael J. McCormack, Nicholas James Thomson, Andrew Nathan Magee, Navin Ishwar Thadani, and Shashi Ranjan ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "WEB CLIENT COMMAND INFRASTRUCTURE INTEGRATION INTO A RICH CLIENT APPLICATION" ("APPLICATION"), which:


- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 27488, to insert here in parenthesis (Application No. 12/796,448, filed June 8, 2010) this APPLICATION's Application No. and filing date, when known;
- was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- is filed concurrently herewith;

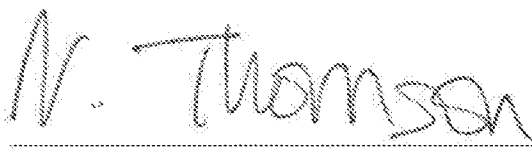
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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);

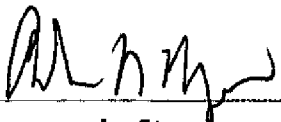
PATENT ASSIGNMENT

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).

	<u>06/07/2010</u>
Inventor's Signature	Date
<u>Michael J. McCormack</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

	<u>06/07/2010</u>
Inventor's Signature	Date
<u>Nicholas James Thomson</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

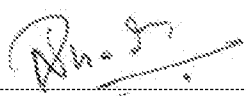
	<u>6/4/2010</u>
Inventor's Signature	Date
<u>Andrew Nathan Magee</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
<u>Navin Ishwar Thadani</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
<u>Shashi Ranjan</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

_____ Inventor's Signature	_____ Date
Andrew Nathan Magee Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	06/07/2010 _____ Date
Navin Ishwar Thadani Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
Shashi Ranjan Printed Name in English	_____ Printed Name in Native Language (if other than English)

M&amp;G/MS Docket No.: 14917.1527US01 / 329601.01

Customer No. 27488

PATENT ASSIGNMENT

_____ Inventor's Signature	_____ Date
Andrew Nathan Magee Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
Navin Ishwar Thadani Printed Name in English	_____ Printed Name in Native Language (if other than English)

<u>Shashi Ranjan</u> Inventor's Signature	<u>6/7/2010</u> Date
Shashi Ranjan Printed Name in English	<u>शाशी रंजन</u> Printed Name in Native Language (if other than English)