

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER BLAIR GONZALEZ DEL SOLAR	06/26/2017
MARC PASARIN SOLER	06/26/2017
IAN CLANTON-THUON	06/26/2017
PATRICK MILLER	06/26/2017
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State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15633548
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NAME OF SUBMITTER:	CHEN LIANG
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DATE SIGNED:	06/26/2017
Total Attachments: 8	
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source=402206-US-NP Assignment Signed#page7.tif
source=402206-US-NP Assignment Signed#page8.tif

I Peter Blair Gonzalez del Solar ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MANIFEST-DRIVEN LOADER FOR WEB PAGES" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 6/26/2017 and given Application No. 15/633,548 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office "_____";

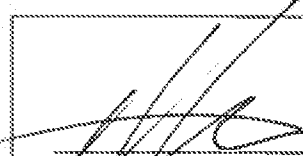
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

 Inventor's Signature	6/26/2017 Date
Peter Blair Gonzalez del Solar Printed Name in English	 Printed Name in Native Language (If other than English)

I Marc Pasarin Soler ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MANIFEST-DRIVEN LOADER FOR WEB PAGES" ("APPLICATION"), which:

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	<u>6/26/2017</u>
Inventor's Signature	Date
Marc Pasarin Soler	
Printed Name In English	Printed Name in Native Language (if other than English)

I Ian Clanton-Thuon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MANIFEST-DRIVEN LOADER FOR WEB PAGES" ("APPLICATION"), which:

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	6/26/2017
Inventor's Signature	Date
Ian Clanton-Thuon	
Printed Name in English	Printed Name in Native Language (if other than English)

I Patrick Miller ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MANIFEST-DRIVEN LOADER FOR WEB PAGES" ("APPLICATION"), which:

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	<u>June 26, 2017</u>
Inventor's Signature	Date
Patrick Miller	
Printed Name in English	Printed Name in Native Language (if other than English)