503864707 06/09/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3911356

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUHAIL DUTTA	08/06/2008
PEDRO SILVA	07/30/2008
JOHN J. JORDAN	08/06/2008

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13610811

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 425-707-9382

Email: gborri@cpaglobal.com
Correspondent Name: THOMAS C. FIALA
Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	324138.02
NAME OF SUBMITTER:	THOMAS C. FIALA
SIGNATURE: /Thomas C. Fiala, #43,610/	
DATE SIGNED:	06/09/2016

Total Attachments: 2

source=324138-01-Assignment#page1.tif source=324138-01-Assignment#page2.tif

PATENT 503864707 REEL: 038864 FRAME: 0425

Case Number: 324138.01 Patent Assignment

PATENT ASSIGNMENT

I/WE, Suhail Dutta, ("INVENTION") discle Display " ("APPLICA"	Pedro Silva, John J. Jordan ("ASSIGNOR"), have invented subject matter sed and/or claimed in a patent application entitled "Partial Updating of Diagram ION"), which:
a A 9i (A aı ⊠ w	If be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby thorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate fairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 052, who are associated with customer number 69316, to insert here in parenthesis pplication No, filed) this APPLICATION's Application No. d filing date, when known; as filed on June 27, 2008 and was given Application No.12/147,583; filed concurrently herewith;
interest in the INVENTHEREST IN THE INVENTHERE	soft Corporation of Redmond, WA, on behalf of itself and its successors and is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and ION and the APPLICATION (and all other applications and patents derived attinuing applications, in and for the United States, its territories, and all foreign ION DERIVATIVES")); and and valuable consideration, the receipt of which is hereby acknowledged by the GNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and and interest in the INVENTION and the APPLICATION (and APPLICATION)
prosecution of the API	SNOR agrees to execute all instruments and documents required for the making and PLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent for the purpose of protecting and perfecting title to the APPLICATION (and ATIVES). Date: \(\frac{\sqrt{0} \leftrigon \delta}{200\delta} \) Printed Name (if native language is other than English):
Pedro Silva John J. Jordan	Date: Printed Name (if native language is other than English): Date: Printed Name (if native language is other than English):

324138.01 Patent Assignment

Page 1 of 1

Patent Assignment Case Number: 324138.01

PATENT ASSIGNMENT

I/WE, Suhail Dutta, Pedro Silva, John J. Jore ("INVENTION") disclosed and/or claimed in a p Display" ("APPLICATION"), which:	dan ("ASSIGNOR"), have invented subject matter patent application entitled "Partial Updating of Diagram
authorizes, and requests, A Affairs Department, Micros 98052, who are associated (Application No and filing date, when know	and was given Application No. <u>12/147,583</u> ;
assigns ("ASSIGNEE"), is entitled to, and is de interest in the INVENTION and the APPLICAT therefrom, such as continuing applications, in a countries ("APPLICATION DERIVATIVES")); For good and valuable consident ASSIGNOR, the ASSIGNOR hereby sells, assexulusive rights, title and interest in the INVEN DERIVATIVES); ASSIGNOR agrees to execute prosecution of the APPLICATION (and APPLICATION)	edmond, WA, on behalf of itself and its successors and estrous of acquiring, the entire and exclusive rights, tille and ION (and all other applications and patents derived and for the United States, its territories, and all foreign eration, the receipt of which is hereby acknowledged by the signs and transfers to the ASSIGNEE, the entire and ITION and the APPLICATION (and APPLICATION et all instruments and documents required for the maling and CATION DERIVATIVES), for litigation regarding letters patent ecting and perfecting title to the APPLICATION (and
Suhail Dutta A Pedes July Pedro Silva John J. Jordan	Date:
324138.01 Patent Assignment	Page 1 of 1

RECORDED: 06/09/2016

PATENT