PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3829129

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER LEE MULLINS	04/12/2016
ROBERT EARL STANDEFER III	04/05/2016
MIGUEL OOM TEMUDO DE CASTRO	04/06/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15098240

CORRESPONDENCE DATA

Fax Number: (206)359-9000

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: 206-583-8888

Email: usdocket@microsoft.com
Correspondent Name: PERKINS COIE LLP/MSFT

Address Line 1: P. O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	359085.01
NAME OF SUBMITTER:	ARCELIE GRAPES
SIGNATURE:	/Arcelie Grapes/
DATE SIGNED:	04/13/2016

Total Attachments: 6

source=Assignments#page1.tif source=Assignments#page2.tif source=Assignments#page3.tif source=Assignments#page4.tif

PATENT 503782483 REEL: 038273 FRAME: 0719

source=Assignments#page5.tif source=Assignments#page6.tif

> PATENT REEL: 038273 FRAME: 0720

PATENT ASSIGNMENT MS Docket No.: 359085.01

I <u>Christopher Lee N</u>	<u>Mullins</u> ("ASSIGNOR") a	am the original inventor or ar
original joint inventor of subje	ect matter ("INVENTION") o	disclosed and/or claimed in a
patent application entitled " \underline{DO}	CUMENT SEARCHING VISU	<u>ALIZED WITHIN A DOCUMENT</u>
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
•	GAL REPRESENTATIVES),	_
	d onApril 13, 2016	
•	by the following Offi	
	, <u>mark Office</u>) this APPLICA ⁻	
	ffice, when known;	
<u> </u>	,	
☐ was filed on	and was given	Application
	y the following Office " <u>US</u>	
and Trademark Of		Officer States : Atoms
23.1.27 • 1.2.22 • 2.1.22 • 2.2.2	<u> </u>	
Microsoft Technology Lie	censing. LLC. a Washington	n limited liability company, or
behalf of itself and its succe	<u> </u>	
desirous of acquiring, the entire	_	
right of priority, in the INVENTI	_	-
patents derived therefrom, suc		• •
for the United States, its t		•
DERIVATIVES"));	erritories, und un isis.	gii codiidies (/iii Ele/iiio.
DERIVATIVES 77,		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert the	•	,
following table for any APPLICA	• •	
Application No.	Filing Date	Office
710000000000000000000000000000000000000	1 IIII. g 2 a. c.	O.III.S.

Page 1 of 2

PATENT REEL: 038273 FRAME: 0721

PATENT ASSIGNMENT

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).

Christopher Lee Mullins	2016-04-12
Inventor's Signature	Date
Christopher Lee Mullins	_
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359085.01

PATENT ASSIGNMENT MS Docket No.: 359085.01

IRobert Earl Stand	efer, III ("ASSIGNOR") a	am the original inventor or ar
original joint inventor of subje	ect matter ("INVENTION") o	disclosed and/or claimed in a
patent application entitled "DO	CUMENT SEARCHING VISU	<u>ALIZED WITHIN A DOCUMENT</u>
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
_	rosoft Way, Redmond,	- .
•	GAL REPRESENTATIVES),	_
	d on April 13, 2016	
	by the following Offi	
	, mark Office) this APPLICA ⁻	
	ffice, when known;	
<u> </u>	,	
☐ was filed on	and was given	Application
	y the following Office " <u>US</u>	
and Trademark Of		Offices States . Atoms
311. 22. 23. 23. 23. 23. 23. 23. 23. 23. 23	<u>ee</u> ,	
Microsoft Technology Lie	censing, LLC, a Washingto	n limited liability company, or
behalf of itself and its succe		
desirous of acquiring, the entire	_	
right of priority, in the INVENTI	_	-
patents derived therefrom, suc		• •
for the United States, its t	<u> </u>	•
DERIVATIVES"));	cilitorics, and an islen	gii countries (/ii/Lie/ii/o.
DERIVATIVES 11,		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAI
REPRESENTATIVES to insert the	•	,
following table for any APPLICA	• •	
Application No.	Filing Date	Office
Apprecia ita	Timing Ducc	Office

Page 1 of 2

PATENT REEL: 038273 FRAME: 0723

PATENT ASSIGNMENT

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).

Robert E Standefer III Inventor's Signature	<u>4/5/2016</u> Date
Robert Earl Standefer, III Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 359085.01

PATENT ASSIGNMENT MS Docket No.: 359085.01

I <u>Miguel Oom Temud</u> an original joint inventor of subpatent application entitled " <u>DO</u> ("APPLICATION"), which:	oject matter ("INVENTION")	
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. <u>15/098,240</u> <u>Patent and Trade</u>	ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), and an an April 13, 2016 by the following Office, when known;	Technology Licensing, Washington 98052 to insert here in and given Application ce <u>US – United States</u>
	and was given y the following Office " <u>US</u> <u>ffice</u> ";	
Microsoft Technology Lice behalf of itself and its succe desirous of acquiring, the entiright of priority, in the INVENTI patents derived therefrom, sucfor the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA	he Application No., filin	-
Application No.	Filing Date	Office
Application No.	Tilling Date	Office
		1

Page 1 of 2

PATENT ASSIGNMENT

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).

Miguel Com Temudo de Castro

Printed Name in English

Miguel Com Temudo de Castro

Printed Name in English

Printed Name in Native Language

(if other than English)

RECORDED: 04/13/2016

MS Docket No.: 359085.01