PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Milan Vugdelija	12/13/2012
Magdalena Vukosavljevic	12/12/2012
Djordje Nijemcevic	12/13/2012

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:	13713827

CORRESPONDENCE DATA

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Correspondent Name: Assal Meftahi
Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	337578.01
NAME OF SUBMITTER:	Gopal Sharma

Total Attachments: 6

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PATENT REEL: 029468 FRAME: 0668 13713827

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PATENT REEL: 029468 FRAME: 0669

PATENT ASSIGNMENT		MS Docket No.: 337578.01
inventor of subject matte	r ("INVENTION") disci <u>MATIC CLASSIFICATION</u>	riginal inventor or an original joint osed and/or claimed in a patent <u>i AND COLOR ENHANCEMENT OF</u> A
ASSIGNEE'S lec Department, M Washington 98 here in pare Application I US Patent and	jal representatives, of licrosoft Corporation, 1052 (ASSIGNEE'S LECA ntheses (filed on	authorizes, and requests, the Law and Corporate Affairs One Microsoft Way, Redmond, L REPRESENTATIVES), to insert 13-DEC-2012 and given by the following Office this APPLICATION's e, when known;
∏ was filed on	and was	given Application No
	by the following O	
successors and assigns ("A entire and exclusive rights, (and all other application	SSIGNEE"), is entitled title and interest in t is and patents deriv ie United States, its t	coration, on behalf of itself and itself and its to, and is desirous of acquiring, the he invention and the APPLICATION and the APPLICATION ed therefrom, such as continuing erritories, and all foreign countries.
REPRESENTATIVES to inser	t the Application No	requests, ASSIGNEE'S LEGAL
following table for any APPS Application No.		after they are known Office
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Page 1 of 2

PATENT ASSIGNMENT

MS Docket No. 337578.01

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 in the INVENTION and the APPLICATION (and 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).

Milan Vugdelija Signature

MILAN WIGGELIGA

Printed Name in English

Date

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 337578.01

I, <u>Magdalena Vukosavljevic</u> ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATIC CLASSIFICATION AND COLOR ENHANCEMENT OF A MARKABLE SURFACE</u>" ("APPLICATION"), which:

\times	will	be	filed.	ASSI	GNOR	hereby	au	thorize	s, ar	nd red	quests,
	ASSI	GNEI	E'S legal	repre	sentati	ves, of t	he L	.aw and	l Corp	orate	Affairs
	Depa	artm	ent, Mic	rosoft	Corpo	ration, C	ne	Microso	oft Wa	ay, Red	mond,
						'S LEGAL				/ES), to	insert
	here	in	parent	heses	(filed	on	13-	DEC-2012		and	given
	Appl	licati	on No). <u> </u>	13/713	827				wing	Office
		US P	atent and T	Frademar	k Office)		this	Al	PPLICA	TION's
	Appl	licati	on No.,	filing	date, ai	nd Office	, wl	nen kno	own;		
	was	filed	on		ĉ	and was	give	n Appli	catio	n No	
				_ by th	ie follo	wing Off	ice				
	"			_ •		";					

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")):

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

PATENT ASSIGNMENT MS Docket No.: <u>337578.01</u>

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 in the INVENTION and the APPLICATION (and 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).

Vulus Sangleine Magdalena 12/12/12

Magdalena Vukosavljevic Signature Date

Магда ЛЕНа

MAGDALENA VUKOSAVLJEVIC ВУКОСАВ ЛЕВИћ

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT M5 Docket N	io. <u>337578.01</u>
f. Djordie Nijemcevic ("ASSICNOR"), am the original inventor or	an original join
inventor of subject matter ("INVENTION") disclosed and/or claims	ed in a paten:
application enutled "AUTOMATIC CLASSIFICATION AND COLOR ENHA	INCEMENT OF A
MARKABLE SURFACE" ("APPLICATION"), which	

ASSIGNEE'S legal					
Department, Mici Washington 9805 here in parently	iz (assignei	i's lega	L REPRESE	NTATIVES), t	o ins
Application No. <u>US Patent and Ti</u>	rademark Office	13/713827	by the this	following APPLIC/	Off
Application No., I	iling date, a	nd Offic	e, when ki	nown;	
was filed on		ind was	given App	dication No	
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MS Docket No. 337578.01

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Djordje Nijemcevic Signature

DJORDJE NIJEMCEVIC

Printed Name in English

RECORDED: 12/14/2012

13.000 7.612

Date

Printed Name in Native Language

(if other than English)