502164534 12/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Piotr Dollar	12/11/2012
Wolf Kienzle	12/11/2012

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:	13716208

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	337505.01
NAME OF SUBMITTER:	Mohammad Adil

Total Attachments: 4

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PATENT REEL: 029476 FRAME: 0872 ,n \$40.00 15/16/

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MS Docket No.: 337505.01

I <u>Piotr Dollar</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CROSSTALK CASCADES FOR USE IN OBJECT DETECTION" ("APPLICATION"), which:

Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to in	fairs ond, nsert
here in parentheses (filed on 17-DEC-2012 and g	
Application No. 13/716208 by the follow	wing
Office US Patent and Trademark Office) this APPLICATION	N's
Application No., filing date, and Office, when known;	
was filed on and was given Application	
No by the following Office	
w	

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"));

MS Docket No.: 337505.01

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ASSIGNOR REPRESENTATIVES	to	insert	the	Applicatio	n No.,	ming	uate,	QII C			
REPRESENTATIVES	anv	APPLIC	ATIC	ON DERIVAT	rives af	ter the	y are k	nowi	1		

following table for any APPLICA	TION DERIVATIVES after to	ley 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 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).

	12/11/2012
Inventor's Signature	Date
Piotr Dollar	
Printed Name in English	Printed Name in Native Language (if other than English)

| Wolf Kienzle ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CROSSTALK CASCADES FOR USE IN OBJECT DETECTION" ("APPLICATION"), which:

MS Docket No.: 337505.01

\boxtimes	will	be	filed.	ASSI	GNOR	hereby	authorize	es, and	requests,
	ASSIC	SNE	E'S lega	l repre	sentati	ves, of ti	he Law and	d Corpo	orate Affairs
	Depa	rtm	ent, Mic	rosoft	Corpo	ration, O	ne Micros	oft Way	, Redmond,
	Wash	ingt	on 980	52 (AS	SIGNEE	'S LEGAL	REPRESEN	ITATIVE	S), to insert
	here	in	parent	heses			17-DEC-2012	************	and given
	Appli	cati	on M	vo.	13/71	6208	by	the	following
	Office	e	US Pate	nt and Tra	demark O	ffice) th	is APF	PLICATION's
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	No _			b	y the fo	ollowing	Office		
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MS Docket No.: <u>337505.01</u>

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 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).

	12 -11 -12
Inventor's Signature	Date
Wolf Kienzle	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 12/17/2012