504585945 10/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4632657

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINH CAO NGUYEN	10/05/2017
ANTHONY JAMES HEWETT	10/05/2017
JAMES ALEC ISHIHARA	10/09/2017
DENISE SARA KLEINHANS SADLER	10/05/2017
STEVEN WILLIAM PEPIN	10/05/2017

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:	15728356

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: USDocket@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

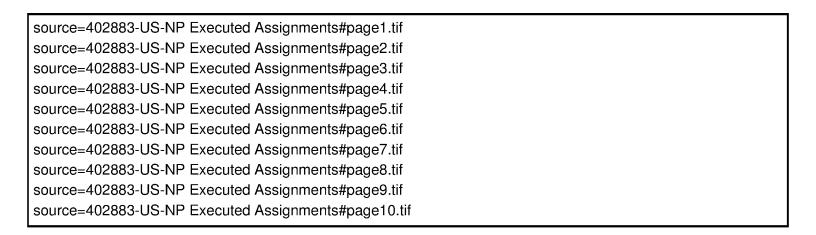
Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: REDMOND, WASHINGTON 98052

NAME OF SUBMITTER: VLADIMIR A. KOZYREV Vladimir A. Kozyrev/ DATE SIGNED: 10/09/2017	ATTORNEY DOCKET NUMBER:	402883-US-NP
·	NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
DATE SIGNED: 10/09/2017	SIGNATURE:	/Vladimir A. Kozyrev/
10/30/2017	DATE SIGNED:	10/09/2017

Total Attachments: 10

PATENT REEL: 043817 FRAME: 0621

504585945



PATENT REEL: 043817 FRAME: 0622

PATENT ASSIGNMENT

MS Docket No.: 402883-US-NP

	<u>h Cao NGUYEN</u> ("A					
inventor of	subject matter	("INVENTION	i") disclos	ed and	d/or claim	ied in a patent
application	entitled " <u>INK_</u>	<u> </u>	BARRIER	<u>FOR</u>	<u>PRINTABL</u>	<u>E STRUCTURES'</u>
("APPLICATIO	JN"), which:					
	will be filed. ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN' October 9, 2017	represental oft Way, Redo FATIVES), to and give	tive, Micro mond, Was insert hero n Applicati	osoft To shingto e in par ion No.	echnology n 98052 (A entheses (15/728,3	Licensing, \SSIGNEE'S filed on 56 by
	the following Off APPLICATION's / known;					
	was filed on by the following (
desirous of right of prio patents deri	self and its succe acquiring, the ent rity, in the INVENT ved therefrom, suc iited States, its 5"));	ire and excl ION and the th as contin	usive right APPLICAT uing applic	ts, title ION (an cations	and interend all other in whole	est, including the applications and or in part, in and
REPRESENTA	iNOR hereby TIVES to insert to ble for any APPLICA	the Applicat	tion No.,	filling	date, and	Office into the
Application	······	Filing Date			office	<u></u>
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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

Date

Minh Cao NGUYEN

Printed Name in English

Printed Name in Native Language

PATE	NT ASSIGNMEN	T MS	Docket No.: 4028	83-US-NP
joint invento	r of subject matt entitled " <u>INK f</u>	er ("INVENTION")	disclosed and/or	entor or an origina claimed in a paten ABLE STRUCTURES
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT	ASSIGNOR herely representative, Months of the first feet of the fe	icrosoft Technolo Washington 9805 here in parenthes	ogy Licensing, 2 (ASSIGNEE'S es (filed on
		ice Application No., f		
		and wa		
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the enti ity, in the INVENTI red therefrom, suc ted States, its	ssors and assigns re and exclusive r ON and the APPLIC h as continuing ap	i ("ASSIGNEE"), is ights, title and in ATION (and all ot oplications, in who	iability company, or entitled to, and is terest, including the her applications and ole or in part, in and tries ("APPLICATION
REPRESENTA ⁻	ΓΙVES to insert t		o., filing date, a	NSSIGNEE'S LEGAL and Office into the own;
Application N		Filing Date	Öffice	

Page 1 of 2

MS Docket No.: 402883-US-NP

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10/5/17
Inventor's Signature Date

Anthony James HEWETT

Printed Name in English Printed Name in Native Language

PATENT ASSIGNMENT

MS Docket No.: 402883-US-NP

I <u>James Alec ISHIHARA</u> ('	'ASSIGNOR") am the origin	al inventor or an original join
inventor of subject matter (("INVENTION") disclosed	and/or claimed in a paten
application entitled "INK N	MIGRATION BARRIER FO	R PRINTABLE STRUCTURES
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC, One Microso	ft Way, Redmond, Washing	gton 98052 (ASSIGNEE'S
LEGAL REPRESENT	ATIVES), to insert here in	parentheses (filed on
October 9, 2017	and given Application N	No. <u>15/728,356</u> by
the following Offi	ce) this
	Application No., filing da	
known;		,
,		
was filed on	and was given	Application No
	Office "	
by the following c	Jilicc	,
Microsoft Technology Li	censing IIC a Washingto	n limited liability company, or
behalf of itself and its succe	<u> </u>	• • • • • • • • • • • • • • • • • • • •
desirous of acquiring, the enti	-	-
right of priority, in the INVENT		• •
patents derived therefrom, suc		•
for the United States, its	territories, and all forei	ign countries ("APPLICATION
DERIVATIVES"));		
•	•	uests, ASSIGNEE'S LEGA
REPRESENTATIVES to insert t	he Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney 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"));

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Movementor's Signature	10/9/17 Date
James Alec ISHIHARA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>402883-US-NP</u>

original join patent appli	t inventor of subjection entitled " <u>If</u>	SADLER ("ASSIGNOR") ect matter ("INVENTION IK MIGRATION BARRIE	l") disclosed and/o	r claimed in a
("APPLICATIO	will be filed. ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT October 9, 2017 the following Offi	ASSIGNOR hereby a representative, Micros ft Way, Redmond, Wash ATIVES), to insert here and given Application Po., filing	oft Technology Lic nington 98052 (ASS in parentheses (file on No. 15/728,356	ensing, IGNEE'S d on by) this
		and was giv		э. 1
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti- ity, in the INVENTI red therefrom, suc- ited States, its I	censing, LLC, a Washingssors and assigns ("A re and exclusive rights ON and the APPLICATION thas continuing applications rerritories, and all fo	SSIGNEE"), is entitle, title and interest, DN (and all other applations, in whole or i	ed to, and is including the plications and in part, in and
REPRESENTA'	TIVES to insert ti	authorizes, and r ne Application No., f TION DERIVATIVES afte	iling date, and Ol	
Application 1		Filing Date	Office	

MS Docket No.: 402883-US-NP

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Inventor's Signature

Date

Denise Sara Kleinhans SADLER

Printed Name in English

Printed Name in Native Language

PATENT ASSIGNMENT MS Docket No.: 402883-US-NP

I <u>Stev</u>	<u>en William PEPIN</u> ("	'ASSIGNOR'	') am the oi	riginal invento	r or an original joint
inventor of application ("APPLICATION	entitled "INK N				aimed in a patent ABLE STRUCTURES"
	will be filed. ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT October 9, 2017 the following Offi APPLICATION's A	representa ft Way, Red [ATIVES], to and give ice	ative, Micro dmond, Was o insert hero en Applicat	soft Technolo hington 9805 in parenthese ion No. 15/728	gy Licensing, 2 (ASSIGNEE'S es (filed on 8,356 by) this
	was filed on by the following (
behalf of it desirous of right of prio patents deri	self and its succe acquiring, the ent rity, in the INVENT ved therefrom, suc ited States, its	essors and ire and exc ION and th th as conti	assigns (". clusive righ e APPLICAT nuing appli	ASSIGNEE"), is ts, title and in ION (and all ot cations, in who	liability company, on entitled to, and is terest, including the ther applications and ole or in part, in and tries ("APPLICATION")
REPRESENTA	NOR hereby TIVES to insert to ble for any APPLICA	the Applic	ation No.,	filling date, a	and Office into the
Application		Filing Da	***************************************	Office	

Page 1 of 2

MS Docket No.: 402883-US-NP

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Steven William Versin

October 5, 2017

Inventor's Signature

Date

Steven William PEPIN

Printed Name in English

Printed Name in Native Language