503835154 05/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3881802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANJALI BANKA	05/16/2016
BRETT PETERS	05/16/2016
HENG JI	05/13/2016
JEFFREY LEE JAMES	05/16/2016
MOCHI LI	05/12/2016
TIMOTHY ESHELMAN	05/18/2016
MATTHEW KOTLER	05/11/2016
PABLO MARTINS	05/17/2016

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:	15159785

CORRESPONDENCE DATA

Fax Number:

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: stevensp@microsoft.com MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	359406.01
NAME OF SUBMITTER:	RICHARD CHI
SIGNATURE:	/RICHARD CHI/

PATENT REEL: 038653 FRAME: 0281

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DATE SIGNED:	05/19/2016
Total Attachments: 16	
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PATENT REEL: 038653 FRAME: 0282

	PATE	INT ASSIGNMENT	MS Doci	ket No.: <u>359406.01</u>
l	ANJALI	BANKA	("ASSIGNOR") am	the original inventor
or an origina a patent ap _l	l joint invento olication entit	r of subject matter ("II led "ELECTRONIC DIS ("APPLICATION"), whi	NVENTION") disclos TRIBUTION OF AP	ed and/or claimed in
	ASSIGNEE'S I LLC., One Mid LEGAL REPRI on the following	d. ASSIGNOR here egal representative, crosoft Way, Redmone ESENTATIVES), to inand given A ig Office	Microsoft Technology, Washington 9805 Sert here in pare Spilication No.	ogy Licensing, 52 (ASSIGNEE'S intheses (filedby) this
	was filed on	and v	vas given Applicatio	on
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behalf of itse of acquiring priority, in the derived ther	elf and its succ , the entire a ne INVENTION efrom, such a	essors and assigns ("/ nd exclusive rights, t and the APPLICATION	ASSIGNEE"), is entiti itle and interest, i I (and all other app ions, in whole or i	liability company, on led to, and is desirous ncluding the right of plications and patents n part, in and for the DN DERIVATIVES"));
ASSIG	NOR hereby a	uthorizes, and reques	ts, ASSIGNEE'S LEC	AL REPRESENTATIVES
				llowing table for any
Application		after they are knowr Filling Date	Office	

MS Docket No.: <u>359406.01</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, 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

OS (16 / 2016

Date

MTAU MAN KA

Printed Name in English

OS (16 / 2016

Printed Name in Native Language

(if other than English)

	PATENT	ASSIGNMENT	MS Docket No.: <u>359406.01</u>
			GNOR") am the original inventor
			N") disclosed and/or claimed in
			ON OF APPLICATIONS HAVING
MULTIPLE SERV	VICE LEVELS (A	PPLICATION"), which:	
⊠ v	vill be filed.	ASSIGNOR hereby aut	norizes, and requests,
A	ASSIGNEE'S lega	representative, Microsof	t Technology Licensing,
L	LC., One Micros	oft Way, Redmond, Washin	gton 98052 (ASSIGNEE'S
L	LEGAL REPRESEN	ITATIVES), to insert here	e in parentheses (filed
		and given Applicatio	
t	he following	Office) this
A	APPLICATION's A	pplication No., filing date,	and Office, when known;
L v	vas filed on	and was given	Application
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behalf of itself of acquiring, t priority, in the derived theref	and its successon the entire and earth INVENTION and from, such as co	ors and assigns ("ASSIGNEE xclusive rights, title and the APPLICATION (and all ntinuing applications, in v	on limited liability company, on "), is entitled to, and is desirous interest, including the right of other applications and patents whole or in part, in and for the PPLICATION DERIVATIVES"));
ASSIGN	OR hereby autho	rizes, and requests, ASSIG	NEE'S LEGAL REPRESENTATIVES
			to the following table for any
		er they are known;	j ,
Application N		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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Inventor's Signature

Date

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: <u>359406.01</u>

	PATENT A	ASSIGNMENT	MS Docket No.:	359406.01
l	<u>Heng li</u>		("ASSIGNOR") am	the original
inventor or claimed in	an original joint inv a patent application	entor of subject ma	ter ("INVENTION") disc IC DISTRIBUTION OF A	losed and/or
Σ	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on the following (representative, Microft Way, Redmond, Work TATIVES), to insertand given Appli Office	authorizes, and reconsoft Technology Licenshington 98052 (ASSIMATE) here in parentheses ication No.	ensing, GNEE'S (filed by) this
	was filed on	and was	given Application	
	No	by the following ";		
behalf of it of acquiring priority, in derived th	tself and its successong, the entire and e the INVENTION and erefrom, such as co	ors and assigns ("ASSI xclusive rights, title the APPLICATION (an ntinuing applications	nington limited liability GNEE"), is entitled to, a and interest, including all other applications, in whole or in part, es ("APPLICATION DERI	nd is desirous g the right of is and patents in and for the
to insert	IGNOR hereby author the Application No., ON DERIVATIVES after	filing date, and Off	ASSIGNEE'S LEGAL REP	RESENTATIVES table for any
Applicati		Filing Date	Office	
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MS Docket No.: 359406.01

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Inventor's Signature

Printed Name in English

03/13/2016

Date

Printed Name in Native Language

(if other than English)

	PATENT	ASSIGNMENT	MS Do	ocket No.: <u>359</u>	<u>406.01</u>
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	al joint inventor of				
	plication entitled				
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	ASSIGNEE'S legal	representative,	Microsoft Techno	ology Licensing	\$
	LLC., One Microso	oft Way, Redmon	d, Washington 98	052 (ASSIGNEE'S	5
	LEGAL REPRESEN	TATIVES), to in	isert here in pa	rentheses (filec	ţ
	on	and given /	Application No	b ₁	y
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	APPLICATION'S A	oplication No., fi	ing date, and Offic	te, when known	• 5
	was filed on	and a	was given Applica	tion	
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of acquiring, priority, in the derived there	elf and its successo , the entire and e ne INVENTION and efrom, such as co s, its territories, an	cclusive rights, the APPLICATION applications in the control of th	title and interest, N (and all other ap ions, in whole or	including the roplications and part, in and	right of patents for the
ASSIG	NOR hereby autho	rizes, and reque:	sts, ASSIGNEE'S LE	GAL REPRESENT	TATIVES
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APPLICATION	I DERIVATIVES afte	r they are know	1;		
Application	No.	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

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States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

Inventor's Signature Date

Services Lee James

Printed Name in English Printed Name in Native Language (if other than English)

MS Docket No.: 359406.01

	PATENT A	ASSIGNMENT	MS Do	cket No.: 3594	<u>406.01</u>
or an origina a patent app	Moch: Li I joint inventor of solication entitled	ubject matter ("II ELECTRONIC DIS	STRIBUTION OF A	osed and/or clai	imed in
MULTIPLE SE	RVICE LEVELS" ("AP	PLICATION"), whi	ch:		
\boxtimes	will be filed.	ASSIGNOR here	eby authorizes,	and requests,	,
	ASSIGNEE'S legal				
	LLC., One Microso	ft Way, Redmond	l, Washington 980)52 (ASSIGNEE'S	;
	LEGAL REPRESENT	ΓΑΤΙVES), to in:	sert here in pai	rentheses (filed	l
	on				
	the following C				
	APPLICATION's Ap	plication No., fili	ng date, and Offic	e, when known:	5
П	was filed on	and w	vas given Applicat	tion	
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behalf of itse of acquiring priority, in the derived there United States ASSIG	soft Technology Licelf and its successor the entire and extended the INVENTION and efrom, such as cores, its territories, and NOR hereby authores.	rs and assigns ("A cclusive rights, t the APPLICATION itinuing applicati d all foreign coul izes, and reques	ASSIGNEE"), is enti itle and interest, I (and all other ap ions, in whole or ntries ("APPLICAT ts, ASSIGNEE'S LE	tled to, and is dincluding the ropplications and pin part, in and SON DERIVATIVE	esirous right of patents for the ES")); FATIVES
	N DERIVATIVES afte				
Application	No.	Filing Date	Office)	

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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"));

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Noh d:	5/12/16
Inventor's Signature Mochi Li	Date
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 359406.01

	PATENT A	SSIGNMENT	MS Docket No.:	359406.01
I	Timothy Esh	elman ("ASSIGN	OR") am the origi	inal inventor
or an original jo a patent appli	oint inventor of su cation entitled "E	bject matter ("INVENTION' LECTRONIC DISTRIBUTION LICATION"), which:	") disclosed and/d	or claimed in
A Ll Ll o th	SSIGNEE'S legal r LC., One Microsoft EGAL REPRESENT n ne following Of	ASSIGNOR hereby author epresentative, Microsoft Way, Redmond, Washingth ATIVES), to insert here and given Application fice	Technology Licer ton 98052 (ASSIG in parentheses No.	nsing, NEE'S (filed by this
		and was given A by the following Office ";	Application	
behalf of itself of acquiring, t priority, in the derived therefr	and its successors he entire and exc INVENTION and th om, such as cont	ensing, LLC, a Washington and assigns ("ASSIGNEE"), lusive rights, title and in ne APPLICATION (and all o inuing applications, in wh all foreign countries ("API	, is entitled to, and terest, including ther applications nole or in part, in	d is desirous the right of and patents and for the
to insert the A		zes, and requests, ASSIGN ling date, and Office into they are known:		
Application No		Filing Date	Office	

MS Docket No.: <u>359406.01</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, 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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Inventor's Signature

Timothy Eshelman

Printed Name in English

Printed Name in Native Language
(if other than English)

	PATENT A	SSIGNMENT	MS Docket No.: <u>359406.01</u>
I	Matthew Kotler		("ASSIGNOR") am the
and/or clair	ntor or an original j med in a patent	oint inventor of subject m	atter ("INVENTION") disclosed CTRONIC DISTRIBUTION OF
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on the following Of	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ffice blication No., filing date, a	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed Noby by
		and was given A by the following Office ";	Application
behalf of itse of acquiring priority, in the derived there	elf and its successors , the entire and exc ne INVENTION and t efrom, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and ir he APPLICATION (and all c inuing applications, in wh	n limited liability company, on , is entitled to, and is desirous sterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
ASSIG	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
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Application		Filing Date	Office
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mun 2to	5/11/2016	
Inventor's Signature	Date	
Matthew Kotler		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT A	SSIGNMENT	MS Docket No.:	359406.01
I <u>Pablo Martins</u>	("ASSIGNOR") am	the original
inventor or an original joint invectaimed in a patent application	entor of subject matter ("II	NVENTION") discl	osed and/or
HAVING MULTIPLE SERVICE LEVE	LS" ("APPLICATION"), which	1:	
ASSIGNEE'S legal i LLC., One Microsof LEGAL REPRESENT	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washingth ATIVES), to insert here and given Application	Technology Licer ton 98052 (ASSIG in parentheses	nsing, INEE'S (filed
the following O			
APPLICATION'S APP	olication No., filing date, ar	ia Office, when ki	nown;
	and was given A by the following Office ";	application	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and ex- priority, in the INVENTION and t derived therefrom, such as cont United States, its territories, and	clusive rights, title and in he APPLICATION (and all o inuing applications, in wh	is entitled to, an terest, including ther applications tole or in part, in	d is desirous the right of and patents and for the
ASSIGNOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRE	ESENTATIVES
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APPLICATION DERIVATIVES after Application No.	Filing Date	Office	
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Palle Muls	5/17/16	
Inventor's Signature	Date	
Pablo Martins		
Printed Name in English	Printed Name in Native Language (if other than English)	