503923840 07/20/2016

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3970493

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the DOC DATE OF STEPHEN QUIRK AND NAME REVISION FOR MANUEL MUNOZ SOLERA. previously recorded on Reel 038906 Frame 0122. Assignor(s) hereby confirms the STEPHEN QUIRK DOC DATE SHOULD BE: 06/14/2016. CORRECT NAME SHOULD BE: MANUEL MUNOZ SOLERA.

CONVEYING PARTY DATA

Name	Execution Date
STEPHANIE HSU	06/03/2016
WOOJU CHOI	05/31/2016
MARIO ESTRADA	05/31/2016
ANTHONY LAWRENCE JACKSON	05/26/2016
ISURA HARSHANA EDIRISINGHE	06/02/2016
STEPHEN QUIRK	06/14/2016
CAMERON HINDLE HUGHES LOCK	05/26/2016
MANUEL MUNOZ SOLERA	06/13/2016
OMER-MOSHE GELBARD	06/03/2016

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:	15181533

CORRESPONDENCE DATA

Fax Number: (952)373-8920

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: 952-467-6088

sgreenfield@khcip.com Email:

MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT

Address Line 4: REDMOND, WASHINGTON 98052			
ATTORNEY DOCKET NUMBER:	359784.01		
NAME OF SUBMITTER:	SUSAN GREENFIELD		
SIGNATURE:	/Susan Greenfield/		
DATE SIGNED:	07/20/2016		

Total Attachments: 23

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:		NEW ASSIGNMENT
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NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
STEPHANIE HSU	06/03/2016	
WOOJU CHOI	05/31/2016	
MARIO ESTRADA	05/31/2016	
ANTHONY LAWRENCE JACKSON	05/26/2016	
ISURA HARSHANA EDIRISINGHE	06/02/2016	
STEPHEN QUIRK	06/06/2015	
CAMERON HINDLE HUGHES LOCK	05/26/2016	
MANUEL MUNOZ SOLERA	06/13/2016	
OMER-MOSHE GELBARD	06/03/2016	

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:	15181533	

CORRESPONDENCE DATA

 Fax Number:
 (952)373-8920

 Phone:
 425-707-9382

Email: sgreenfield@khcip.com

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.

Correspondent Name: MICROSOFT CORPORATION
Address Line 1: ONE MICROSOFT WAY

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

ATTORNEY DOCKET NUMBER:	359784.01
ATTORNET DOCKET NUMBER.	337/04.01
NAME OF SUBMITTER:	SUSAN GREENFIELD
Signature:	/Susan Greenfield/
Date:	06/14/2016
Total Attachments: 18 source=359784-01_Assignments#page1. source=359784-01_Assignments#page2. source=359784-01_Assignments#page3. source=359784-01_Assignments#page4. source=359784-01_Assignments#page5. source=359784-01_Assignments#page6. source=359784-01_Assignments#page7. source=359784-01_Assignments#page8. source=359784-01_Assignments#page10. source=359784-01_Assignments#page11. source=359784-01_Assignments#page11. source=359784-01_Assignments#page12. source=359784-01_Assignments#page13. source=359784-01_Assignments#page14. source=359784-01_Assignments#page14. source=359784-01_Assignments#page14. source=359784-01_Assignments#page15. source=359784-01_Assignments#page16. source=359784-01_Assignments#page16. source=359784-01_Assignments#page16. source=359784-01_Assignments#page16. source=359784-01_Assignments#page16.	tif

RECEIPT INFORMATION

EPAS ID: PAT3916272 **Receipt Date:** 06/14/2016

MS	Docket	No.:	359784.01

I <u>Stephanie Hsu</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>CONTENT DELIVERY CONTROL</u>" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052
	(ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in
	parentheses (filed on and given Application
	No by the following Office <u>US</u> - <u>United States</u>
	Patent and Trademark Office) this APPLICATION's Application No.,
	filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	iii n,

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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	
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		No. of the control of	

MS Docket No.: 359784.01

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, 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"));

State of Inventor's Signature	6/3/16 Date
Stephanie Hsu	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359784.01

I <u>Wooju Choi</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>CONTENT DELIVERY CONTROL</u>" ("APPLICATION"), which:

\boxtimes	will be file	d. ASSIG	NOR h	ereby	auth	orizes	, and	reque	ests,
	ASSIGNEE'S I	egal repres	entative	e, Micr	osoft	Tech	nology	Licens	ing,
	LLC., One	Microsoft	Way,	Redn	nond,	Wa	shingto	n 98	052
	(ASSIGNEE'S	LEGAL F	REPRESEI	VITATIV	√ES),	to	insert	here	in
	parentheses	(filed on _			****	and	given <i>i</i>	Applica	tion
	No	by	the fol	lowing) Offic	ce <u>US</u>	- Uni	ited Sta	ates
	Patent and T	rademark C	Office) th	nis APF	PLICAT	ION's	s Appli	cation I	No.,
	filing date, ar	nd Office, w	hen kno	wn;					
	was filed on		anc	l was g	given /	Applic	ation		
	No	by	the follo	owing	Office				
	16		obrodukernos odanskie barelika zaman men	и,					

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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	
			HI HOO WAA COOK O'CHAACOO AAN COOKA OO AAN C

MS	Docket	No.:	359784.01
			4

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"));

	5/31/2016
Inventor's Signature	Date
Wooju Choi	
Printed Name in English	Printed Name in Native Language
4	(if other than English)

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MS Docket No.: 359784.01

I <u>Mario Estrada</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>CONTENT DELIVERY CONTROL</u>" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on and given Application No by
	the following Office <u>US - United States Patent and Trademark Office</u>)
	this APPLICATION's Application No., filing date, and Office, when
	known;
	was filed on and was given Application
	No by the following Office
	66 19 ₄

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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
		,

MS Docket No.: 359784.01

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, 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"));

Inventor's Signature	May 31,7016 Date
Mario Estrada	
Printed Name in English	Printed Name in Native Language
	(if other than English)

						44	
n	the	original	inventor	or	an	original	

MS Docket No.: 359784.01

I Anthony Lawrence Jackson ("ASSIGNOR") an joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which:

\times	will be filed.	ASSIGNOR	hereby	author	izes, an	d requ	ests,
	ASSIGNEE'S leg	al representat	ive, Micr	osoft T	echnolog	y Licens	sing,
	LLC., One N	dicrosoft Wa	y, Redn	nond,	Washing	ton 98	3052
	(ASSIGNEE'S L	EGAL REPRE	SENTATI	/ES), 1	to inser	t here	in
	parentheses (fi	led on		a	nd given	Applica	ition
	No	by the	following	Office	US – U	nited St	ates
	Patent and Trac	demark Office) this APF	PLICATION	ON's App	lication	No.,
	filing date, and	Office, when I	known;				
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	No	by the f	ollowing	Office			
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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")):

requests, **ASSIGNEE'S** LEGAL ASSIGNOR hereby authorizes, and 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	
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		kan	

MS	Docket	No.:	359784.01
			~

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, 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

Anthony Lawrence Jackson

Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

					r.	
₹")	am	the	original	inventor	or	an
-						

MS Docket No.: 359784.01

I Isura Harshana Edirisinghe ("ASSIGNOR original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which:

X	will be fil	led. ASS	IGNOR	hereby	autho	orizes	, and	reque	sts,
	ASSIGNEE'S	legal repi	esentati	ive, Micr	osoft	Tech	nology	Licens	ing,
	LLC., One	Microso	ft Way	, Redn	nond,	Wa	shingto	n 980	052
	(ASSIGNEE'S	LEGAL	REPRES	SENTATI	√ES),	to	insert	here	in
	parentheses	s (filed on	- Annual Control of the Control of t	usaa na asoo magalo ni miniminina minino ni pagosa makoo misenda	At Manager Annie Strain Strain	and	given A	Applicat	ion
	No.	of the other consumers are communication where	by the f	following	g Offic	ce <u>US</u>	i – Uni	ted Sta	ites
	Patent and	Trademark	Office)	this AP	PLICAT	ION'	s Applie	cation 1	٧٥.,
	filing date,	and Office,	when k	nown;					
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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"));

hereby authorizes, and requests, ASSIGNEE'S LEGAL ASSIGNOR 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	
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MS Docket No.: 359784.01

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, 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"));

2	06/02/2016
Inventor's Signature	Date
Isura Harshana Edirisinghe	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Stephen Quirk</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
LEGAL REPRESENTATIVES), to insert here in parentheses (filed
on and given Application No by
the following Office <u>US - United States Patent and Trademark Office</u>)
this APPLICATION's Application No., filing date, and Office, when
known;
was filed on and was given Application
No by the following Office
" , , , , , , , , , , , , , , , , , , ,

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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	
			production of the second of th

MS Docket No.: 359784.01

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, 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).

Million Muih Inventor's Signature	6/14/2016 Date
Stephen Quirk	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359784.01

I Cameron Hindle Hughes Lock ("ASSIGNOR") am the original inventor or an
original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a
patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on and given Application No by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
was filed on and was given Application No by the following Office "";
Microsoft Technology Licensing, LLC, a Washington limited liability company, on

ny, 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, 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 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	
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	vo installation	**************************************	

Page 1 of 2

MS Docket No.: 359784.01

MS Docket No.: 359784.01

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, 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"));

Inventor's Signature	5/26/16 Date
Cameron Hindle Hughes Lock	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359784.01 I Manuel Munoz Solera ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests

 			eres, autri	0	,	,	-50,
ASSIGNEE'S	legal repre	esentative	, Microsoft	Tecl	nnology	Licens	sing,
LLC., One	Microsof	t Way,	Redmond,	Wa	ashingto	on 98	3052
(ASSIGNEE'S	LEGAL	REPRESEN	NTATIVES),	to	insert	here	in
parentheses	(filed on	www.		and	given .	Applica	ition
No.	b	y the fol	lowing Offi	ce <u>U</u>	S - Un	ited St	ates
Patent and T	rademark	Office) th	is APPLICA	TION	's Appli	cation	No.,
filing date, a	nd Office,	when kno	wn;				
was filed on		and	was given .	Appli	cation		
No	b	y the follo	wing Office	!			
"							

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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	

MS Docket No.: <u>359784.01</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"));

	06/13/2016
Inventor's Signature	Date
Manuel Munoz Solera	
Printed Name in English	Printed Name in Native Language
	(if other than English)
	The state of the s

MS	Docket No	o.: 3	59	78	34.	01

I Omer-Moshe Gelbard ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTENT DELIVERY CONTROL" ("APPLICATION"), which:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on and given Application No by
	the following Office <u>US - United States Patent and Trademark Office</u>)
	this APPLICATION's Application No., filing date, and Office, when
	known;
	was filed on and was given Application
	No by the following Office
	u

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, 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 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	
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MS Docket No.: <u>359784.01</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).

Omer-Moshe Gelbard
Printed Name in English

Type 3rd, 2016

Date

Printed Name in Native Language
(if other than English)