### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3039374

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSEPH MASTERSON	09/18/2014
JEREMY DE SOUZA	09/19/2014
JIN MA	09/16/2014
ELENA CATRINESCU	09/17/2014
NATHAN WADDOUPS	09/16/2014
KENNETH FERN	09/18/2014
DAVID PAUL LIMONT	09/19/2014
DAVID LLOYD MEYERS JR.	09/18/2014
MICHAEL B. PALMER	09/17/2014

#### **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:	14497281

#### **CORRESPONDENCE DATA**

Fax Number: (865)380-5999

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: 612-332-5300

Email: tomary@merchantgould.com

MERCHANT & GOULD (MICROSOFT) **Correspondent Name:** 

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

	PATENT
SIGNATURE:	/Christopher J. Leonard/
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD
ATTORNEY DOCKET NUMBER:	14917.2474USU1/341641.02

REEL: 033823 FRAME: 0325 502992775

DATE SIGNED:	09/25/2014
Total Attachments: 18	
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page1.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page2.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page3.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page4.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page5.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page6.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page7.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page8.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page9.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page10.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page11.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page12.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page13.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page14.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page15.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page16.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page17.tif
source=2014-09-25-Ex-Assignments-AL	L-14917-2474USU1#page18.tif

PATENT REEL: 033823 FRAME: 0326

Attorney Docket No.: 14917.2474USU1/341641.02

I <u>Joseph Masterson</u> ("inventor of subject matter application entitled "GENERAL COMMUNICATION WORKFLOW"	("INVENTION") disclosed <u>ATING CONTENT ITEMS</u>	-
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthe Application No. United States Pa	ASSIGNOR hereby authorepresentatives, of the Latosoft Corporation, One Model (ASSIGNEE'S LEGAL REPReses (filed on September 14/497,281 atent and Trademark Officity whereign strength and Office, whereign strength and	w and Corporate Affairs icrosoft Way, Redmond, RESENTATIVES), to insert er 25, 2014 and given by the following Office ce) this APPLICATION's
	and was given Appli Office " <u>United States Paten</u>	
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, time INVENTION and the APPLICATION and the secontinuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including FION (and all other appl applications, in whole or	the right of property, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	<b>*</b>
Application No.	Filing Date	Office

Attorney Docket No.:	14917.2474USU1/341641.02

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Joseph Makes	9/18/14
Inventor's Signature	Date
Joseph Masterson	
Printed Name in English	Printed Name in Native Language (if other than English)

	ASSIGNOR") am the original inventor or an original joint
inventor of subject matter	("INVENTION") disclosed and/or claimed in a patent
application entitled "GENERA	ATING CONTENT ITEMS OUT OF AN ELECTRONIC
COMMUNICATION WORKFLOW"	' ("APPLICATION"), which:
	• ,
🗵 will be filed.	ASSIGNOR hereby authorizes, and requests,
	representatives, of the Law and Corporate Affairs
	rosoft Corporation, One Microsoft Way, Redmond,
	52 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert
	eses (filed on September 25, 2014 and given
	14/497,281 by the following Office
	atent and Trademark Office) this APPLICATION's
	filing date, and Office, when known;
rippiidation no., i	mily date, and office, when known,
was filed on	and was given Application No
	Office "United States Patent and Trademark
Office";	Since online states ratent and trademark
<u>omee</u> ,	
Microsoft Corporation	a Washington Corporation, on behalf of itself and its
	GNEE"), is entitled to, and is desirous of acquiring, the
	tle and interest, including the right of property, in the
	TION (and all other applications and patents derived
	TION (and an other applications and patents derived
therefrom, such as continuing	applications, in whole or in part, in and for the United
therefrom, such as continuing	
therefrom, such as continuing States, its territories, and all fo	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));
therefrom, such as continuing States, its territories, and all fo ASSIGNOR hereby	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES")); authorizes, and requests, ASSIGNEE'S LEGAL
therefrom, such as continuing States, its territories, and all fo ASSIGNOR hereby REPRESENTATIVES to insert t	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;
therefrom, such as continuing States, its territories, and all fo ASSIGNOR hereby REPRESENTATIVES to insert t	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;
therefrom, such as continuing States, its territories, and all fo  ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	applications, in whole or in part, in and for the United reign countries ("APPLICATION DERIVATIVES"));  authorizes, and requests, ASSIGNEE'S LEGAL the Application No., filing date, and Office into the ATION DERIVATIVES after they are known;

Attorney Docket No.: 14917.24	474USU1/341641.02
-------------------------------	-------------------

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

June J	9/19/7014
Inventor's Signature	Date
Jeremy de Souza	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Jin Ma</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING CONTENT ITEMS OUT OF AN ELECTRONIC COMMUNICATION WORKFLOW"
("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on <u>September 25, 2014</u> and given Application No. <u>14/497,281</u> by the following Office <u>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>United States Patent and Trademark</u> Office";
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, including the right of property, 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

Attorney Docket No.: 14917.2474USU1/341641.02

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

	,		
Inventor's Signature	_ 9/16/20/4		
Jin Ma			
Printed Name in English	Printed Name in Native Language (if other than English)		

i <u>Licita Ce</u>	<u>atrinescu</u> ("ASSIGNOR") am the original	l inventor or an original joint	
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent			
application entit	led " <u>GENERATING CONTENT ITEMS</u>	OUT OF AN ELECTRONIC	
COMMUNICATION	WORKFLOW" ("APPLICATION"), which:		
🗵 will	be filed. ASSIGNOR hereby author	orizes, and requests,	
	GNEE'S legal representatives, of the Law		
Department, Microsoft Corporation, One Microsoft Way, Redmond,			
	hington 98052 (ASSIGNEE'S LEGAL REPRE	• • • • • • • • • • • • • • • • • • • •	
	e in parentheses (filed on <u>September</u>	• •	
	lication No. <u>14/497,281</u> b		
	ted States Patent and Trademark Office		
	lication No., filing date, and Office, when		
□ was	filed on and was given Applic	ation No.	
	he following Office " <u>United States Patent</u>		
Offic		The state of the s	
	_ '		
Microsoft (	Corporation, a Washington Corporation	1 1 16 6 5 16 1 1 5	
MICLOSOIL	Corporation, a washington Corporation	, on behalf of itself and its	
	- · · · · · · · · · · · · · · · · · · ·		
successors and as	ssigns ("ASSIGNEE"), is entitled to, and	is desirous of acquiring, the	
successors and as entire and exclus	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including	is desirous of acquiring, the the right of property, in the	
successors and as entire and exclus INVENTION and t	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applic	is desirous of acquiring, the the right of property, in the cations and patents derived	
successors and as entire and exclus INVENTION and t therefrom, such a	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applications, in whole or i	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United	
successors and as entire and exclus INVENTION and t therefrom, such a	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applic	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or ities, and all foreign countries ("APPLICATION)	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION) hereby authorizes, and reque	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or ities, and all foreign countries ("APPLICATION)	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	
successors and as entire and exclus INVENTION and t therefrom, such a States, its territori ASSIGNOR REPRESENTATIVES following table for	ssigns ("ASSIGNEE"), is entitled to, and live rights, title and interest, including the APPLICATION (and all other applicas continuing applications, in whole or it ies, and all foreign countries ("APPLICATION") hereby authorizes, and request to insert the Application No., filing rany APPLICATION DERIVATIVES after the	is desirous of acquiring, the the right of property, in the cations and patents derived in part, in and for the United ON DERIVATIVES"));  ests, ASSIGNEE'S LEGAL date, and Office into the ey are known;	

Attorney Docket No.:	14917.2474USU1/341641.02

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Inventor's Signature	9/17/2014 Date
Elena Catrinescu Printed Name in English	ELENA CATRINESCU  Printed Name in Native Language  (if other than English)

inventor of subject matter	("INVENTION") disclosed <u>ATING CONTENT ITEMS</u>	nal inventor or an original joint and/or claimed in a patent OUT OF AN ELECTRONIC
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthe Application No <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the Lacosoft Corporation, One Modern Corporation,	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert er 25, 2014 and given by the following Office ce) this APPLICATION's
	and was given Appl Office " <u>United States Paten</u>	
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and the and interest, including TION (and all other appl applications, in whole or	the right of property, in the lications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert the		uests, ASSIGNEE'S LEGAL
following table for any APPLICA	TION DERIVATIVES after the	nev are known:
Application No.	Filing Date	Office
***************************************		
	10040054	
	11700000	
	TAMAMA	
	TOTAL COLOR DE LA	
		TABLES AND SECTION OF THE SECTION OF

Attorney Docket No.: 14917.2474USU1/341641.02

****	

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Mats Worldy	
	9/16/2014
Inventor's Signature	Date
Nathan Waddoups	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Attorney Docket No.: 14917.2474USU1/341641.02

inventor of subject matter	("INVENTION") disclosed ATING CONTENT ITEMS	l inventor or an original joint and/or claimed in a patent OUT OF AN ELECTRONIC
ASSIGNEE'S legal Department, Mic Washington 9805 here in parenth Application No. <u>United States Pa</u>	ASSIGNOR hereby aut representatives, of the Larosoft Corporation, One Modern Corporation on Modern Corporation on Modern Corporation on Modern Corporation on Modern Corporation of the Larosoft Corporation on Modern Corporation of the Larosoft Corporation	iw and Corporate Affairs ficrosoft Way, Redmond, RESENTATIVES), to insert ber 25, 2014 and given by the following Office ce) this APPLICATION's
	and was given Appl Office " <u>United States Paten</u>	·
Microsoft Corporation, successors and assigns ("ASSI entire and exclusive rights, till INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all fo	GNEE"), is entitled to, and tle and interest, including FION (and all other app applications, in whole or	lications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA	he Application No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the
Application No.	Filing Date	Office

Attorney Docket No.:	14917.2474USU1/341641.02
7	

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Inventor's Signature	9/18/44 Date
Kenneth Fern	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Attorney Docket No.: 14917.2474USU1/341641.02

inventor of subject matter	("INVENTION") disclosed <u>ATING CONTENT ITEMS</u>	nal inventor or an original joint and/or claimed in a patent OUT OF AN ELECTRONIC
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthe Application No <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the Lacosoft Corporation, One Modern Corporation, Office, When Corporation Corporation, Italiang date, and Office, when Corporation Corporation, Italiang date, and Office, when Corporation	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert ler 25, 2014 and given by the following Office ce) this APPLICATION's
	and was given Appl Office " <u>United States Paten</u>	
Microsoft Corporation, successors and assigns ("ASSIGN entire and exclusive rights, time INVENTION and the APPLICATION therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including FION (and all other appl applications, in whole or	the right of property, in the lications and patents derived in part, in and for the United
•	•	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert t following table for any APPLICA		
Application No.	Filing Date	Office
The state of the s		
THE STREET OF TH		
	444440	***************************************
THE STATE OF THE S		
**************************************	Addition	

Attorney Docket No.: 14917.2474USU1/341641.02

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Part Inventor's Signature	9-19-7014 Date
David Paul Limont	
Printed Name in English	Printed Name in Native Language (if other than English)

Attorney Docket No.: 14917.2474USU1/341641.02

joint inventor of subject matt	er ("INVENTION") disclose ATING CONTENT ITEMS	original inventor or an original ed and/or claimed in a patent OUT OF AN ELECTRONIC
ASSIGNEE'S legal Department, Mico Washington 9805 here in parenthe Application No. <u>United States Pa</u>	ASSIGNOR hereby authorepresentatives, of the Lacosoft Corporation, One Modern	w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert per 25, 2014 and given by the following Office ce) this APPLICATION's
	and was given Appl Office " <u>United States Paten</u>	
Microsoft Corporation, successors and assigns ("ASSI-entire and exclusive rights, till INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including TION (and all other app applications, in whole or	the right of property, in the lications and patents derived in part, in and for the United
ASSIGNOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert t	he Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after t	ney are known;
Application No.	Filing Date	Office

Attorney	Docket No.:	14917.247	74USU1/3	41641.02

2		
3		
i i	i	
· ·		
l e	r e	
la contraction of the contractio	l :	I
<b>I</b> .		
I		
l .		
	i	
I		
	`	

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Inventor's Signature	9/18/14 Date
David Lloyd Meyers Jr.	
Printed Name in English	Printed Name in Native Language (if other than English)

Attorney Docket No.: 14917.2474USU1/341641.02

l <u>Mi</u> c	<u>:hael B. Palmer</u> ("	ASSIGNOR") am the	original inventor	or an original joint
				aimed in a patent
				AN ELECTRONIC
		("APPLICATION"), w		
X	will be filed.	ASSIGNOR hereby	authorizes, ar	nd requests.
		representatives, of t		
		osoft Corporation, (	•	
		2 (ASSIGNEE'S LEGA		• •
		eses (filed on <u>Se</u>		
		14/497,281		-
		tent and Trademark		
		iling date, and Office	•	PLICATION \$
	Application No., 1	ining date, and Office	e, when known,	
Г	was filed on	and was aivon	Application No.	
<b>!</b>		and was given		
		Office " <u>United States</u>	Patent and Trade	<u>emark</u>
	Office";			
Micro	oft Corporation	a Wachington Corn	aratian an bala	-ie -e :iei :
		a Washington Corp		
		GNEE"), is entitled to		
		tle and interest, incl		
		TION (and all other		-
	therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));			
states, its ter	ritories, and all to	reign countries ("API	LICATION DERIV	ATIVES"));
A CCI CI	NOD banalas			colations (
ASSIGI	*	authorizes, and	• '	
				nd Office into the
		TION DERIVATIVES a		wn;
Application N	10.	Filing Date	Office	
				***************************************
r overall adepass				· · · · · · · · · · · · · · · · · · ·
# · · · · · · · · · · · · · · · · · · ·				7 7000000000
Acres and the state of the stat	,			
48.9.45.45.45.45.45.45.45.45.45.45.45.45.45.			AFFORMULA .	
		TRANSPORTED TO THE PARTY OF THE		

Attorney Docket No.: 14917.2474USU1/341641.	02
	$\neg$
 TABLE THE TABLE	

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, and for the United States, its territories, and all foreign countries (and APPLICATION DERIVATIVES));

Michael Blaba 9/17/14 Inventor's Signature Date	
Michael B. Palmer Printed Name in English	Printed Name in Native Language (if other than English)