504087566 11/09/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4134234

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS A. BANKS	10/30/2013
PIYUSH GOYAL	10/29/2013
SHAI GUDAY	10/25/2013
TRIPTPAL SINGH LAMBA	10/31/2013
DAVID NEIL MACDONALD	10/28/2013
DARYA MAZANDARANY	11/01/2013
CHRISTOPHER R. RICE	10/28/2013
SAUMAYA SHARMA	10/29/2013

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:	14081206

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: 314-302-1451

Email: jbarta@bartapatentlaw.com
Correspondent Name: JAMES J. BARTA, JR.
Address Line 1: 3308 PRESTON ROAD

Address Line 2: #350-174

Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER:	339489.01
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/

504087566 PATENT REEL: 040259 FRAME: 0500

DATE SIGNED:	11/09/2016		
Total Attachments: 16			
source=339489-01-Assignment#page1.f	if		
source=339489-01-Assignment#page2.f	üf		
source=339489-01-Assignment#page3.f	üf		
source=339489-01-Assignment#page4.f	üf		
source=339489-01-Assignment#page5.f	üf		
source=339489-01-Assignment#page6.f	üf		
source=339489-01-Assignment#page7.f	üf		
source=339489-01-Assignment#page8.tif			
source=339489-01-Assignment#page9.f	source=339489-01-Assignment#page9.tif		
source=339489-01-Assignment#page10.tif			
source=339489-01-Assignment#page11	.tif		
source=339489-01-Assignment#page12.tif			
source=339489-01-Assignment#page13.tif			
source=339489-01-Assignment#page14.tif			
source=339489-01-Assignment#page15.tif			
source=339489-01-Assignment#page16.tif			

PATENT REEL: 040259 FRAME: 0501

I, <u>Nicholas A. Banks</u> ("As inventor of subject matter ('application entitled <u>"Generating Portals"</u> ("APPLICATION"), which	'INVENTION") disclosed a Sequenced Instructions Fo	
ASSIGNEE'S legal r Department, Micro Washington 98052 here in parenthese Noby	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on) the following Office	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application
	and was given A by the following Office ";	
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	NEE"), is entitled to, and e and interest in the INVE and patents derived the	NTION and the APPLICATION refrom, such as continuing
ASSIGNOR hereby author	izes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No.,	-	o the following table for any
APPLICATION DERIVATIVES after Application No.	Filing Date	Office
Application No.	Timig Date	Office
1	1	i

MS Docket No.: <u>339489.01</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 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).

Inventor's Signature	10/30/2003 Date
Nicholas A. Banks	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Piyu</u>	<u>sh Goyal</u> ("AS	SIGNOR"), am	the original	invento	or or an ori	ginal joint	inventor
		ION") disclose					
		Instructions					
("APPLICATIO	-			-			
`	••						
\bowtie	will be file	d. ASSIGN	OR hereby	autho	rizes, and	i request	ts.
		egal represer					
		Microsoft Co			•		
	•	98052 (ASSIG			•		•
	_	ntheses (filed					
		by the fol					
		TION's Appli					
	known;	TION 3 Appli	cation No.,	iiiiig u	iale, allu C	Jilice, Will	en
	KIIOWII,						
	was filed on	<u> </u>	and was	aivon A	nnlication		
				-	ppiication		
		by ti		Office			
successors a entire and e (and all oth applications,	and assigns (xclusive right her applicati	tion, a Washi "ASSIGNEE"), i ts, title and in ons and pat the United S ES"));	s entitled to nterest in th ents derive	o, and e INVE d ther	is desirous NTION and efrom, su	of acqui I the APPL ch as co	ring, the ICATION ontinuing
ASSIG	NOR hereby a	uthorizes, an	d requests, A	ASSIGN	ee's legal	REPRESEN	NTATIVES
to insert the	Application	No., filing da	ite, and Off	ice into	the follow	wing table	e for any
APPLICATION	N DERIVATIVE	S after they ar	e 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).

le royal	10/29/2013
Inventor's Signature	Date
Piyush Goyal	
Printed Name in English	Printed Name in Native Language
	(if other than English)

				riginal joint inventor t application entitled
				h Captive Portals"
("APPLICATIO			<u></u>	
	ASSIGNEE'S legal Department, Micr Washington 9805 here in parenthes No	ASSIGNOR hereby representatives, of cosoft Corporation, 2 (ASSIGNEE'S LEGAL es (filed on) the following Official's Application No.,	the Law and Cor One Microsoft Wo L REPRESENTATIV and give	porate Affairs ay, Redmond, VES), to insert en Application
		and was by the following ";		n
successors a entire and ex (and all oth applications,	nd assigns ("ASSI xclusive rights, tit ner applications	GNEE"), is entitled the second interest in the sand interest in the sand patents derivers.	o, and is desirone INVENTION ared therefrom, s	alf of itself and its us of acquiring, the nd the APPLICATION such as continuing all foreign countries
ASSIGI	NOR hereby author	rizes, and requests,	ASSIGNEE'S LEGA	AL REPRESENTATIVES
to insert the		filing date, and Of		owing table for any
Application		Filing Date	Office	
	., .			

MS Docket No.: <u>339489.01</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 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).

	10-25-13
Inventor's Signature	Date
Shai Guday	
Printed Name in English	Printed Name in Native Language
	(if other than English)

\boxtimes	will be filed	d. ASSIGNOR here	by authorizes, and requests,
	ASSIGNEE'S I	egal representatives, o	of the Law and Corporate Affairs
	Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert		
			and given
	Application		by the following
	Application N	lo., filing date, and Of	rice, when known;
m	was filed on	and w	as oiven Application
<u></u> 1		***************************************	
لــا		hv the follow	
Micro	No " soft Corporati		ing Office orporation, on behalf of itself and its
Micro uccessors a intire and e and all ot ipplications	No soft Corporati and assigns ("/ exclusive rights her application	on, a Washington Co ASSIGNEE"), is entitled s, title and interest in ons and patents der the United States, its	ing Office orporation, on behalf of itself and itself to, and is desirous of acquiring, the the INVENTION and the APPLICATION rived therefrom, such as continuing
Micro auccessors a entire and e and all ot applications "APPLICATIO ASSIC	No "soft Corporation assigns ("alexclusive rights her application, in and for the control of the contro	on, a Washington Co ASSIGNEE"), is entitled s, title and interest in ins and patents der the United States, its ES")); y authorizes, an ert the Application i	orporation, on behalf of itself and itself to, and itself and itself to, and is desirous of acquiring, the the INVENTION and the APPLICATION rived therefrom, such as continuing territories, and all foreign countries and requests, ASSIGNEE'S LEGAL No., filling date, and Office into the
Micro successors a entire and e and all ot applications "APPLICATIO" REPRESENTA following tal	No soft Corporation and assigns ("alexclusive rights in and for the control of the contr	on, a Washington Co ASSIGNEE"), is entitled s, title and interest in the United States, its ES")); y authorizes, an ett the Application I	orporation, on behalf of itself and itself to, and is desirous of acquiring, the the INVENTION and the APPLICATION rived therefrom, such as continuing territories, and all foreign countries and requests, ASSIGNEE'S LEGAL No., filing date, and Office into the SES after they are known;
Micro successors a entire and e and all ot applications "APPLICATIO" REPRESENTA following tal	No soft Corporation and assigns ("alexclusive rights in and for the control of the contr	on, a Washington Co ASSIGNEE"), is entitled s, title and interest in ins and patents der the United States, its ES")); y authorizes, an ert the Application i	orporation, on behalf of itself and itself to, and is desirous of acquiring, the the INVENTION and the APPLICATION rived therefrom, such as continuing territories, and all foreign countries and requests, ASSIGNEE'S LEGAL No., filing date, and Office into the SES after they are known;
Micro successors a entire and e and all ot applications "APPLICATIO ASSIC REPRESENTA	No soft Corporation and assigns ("alexclusive rights in and for the control of the contr	on, a Washington Co ASSIGNEE"), is entitled s, title and interest in the United States, its ES")); y authorizes, an ett the Application I	orporation, on behalf of itself and itself to, and is desirous of acquiring, the the INVENTION and the APPLICATION rived therefrom, such as continuing territories, and all foreign countries and requests, ASSIGNEE'S LEGAL No., filing date, and Office into the SES after they are known;

Page 1 of 2

MS Docket No.: 339489.01

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 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).

V .	
Inventor's Signature	Date
Triptpal Singh Lamba	
Printed Name in English	Printed Name in Native Language
 	(if other than English)

joint invento application e	r of subject matte	r ("INVENTION") disclosed Sequenced Instructions Fo	riginal inventor or an original d and/or claimed in a patent or Connecting Through Captive
	ASSIGNEE'S legal r Department, Micro Washington 98052 here in parenthese Noby	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mic (ASSIGNEE'S LEGAL REPROSE) (filed on) the following Office is Application No., filing the following No., filing the following No.,	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert _ and given Application)
	No	and was given / by the following Office ";	
successors a entire and ex (and all oth applications,	nd assigns ("ASSIG cclusive rights, title er applications a	NEE"), is entitled to, and e and interest in the INVE	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries
to insert the	Application No., f	iling date, and Office int	IEE'S LEGAL REPRESENTATIVES o the following table for any
Application	DERIVATIVES after	Filing Date	Office

Page 1 of 2

PATENT REEL: 040259 FRAME: 0510

MS Docket No.: <u>339489.01</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 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).

Inventor's Signature	
David Neil MacDonald	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Darya Mazandarany</u> (".inventor of subject matter (application entitled " <u>Generating</u> <u>Portals</u> " ("APPLICATION"), which	"INVENTION") disclosed a Sequenced Instructions Fo	
ASSIGNEE'S legal in Department, Micro Washington 9805. here in parenthese Nob	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Mic (ASSIGNEE'S LEGAL REPRIES (filed on) the following Office) 's Application No., filing of	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application
	and was given A by the following Office ";	
Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES"));	ONEE"), is entitled to, and e and interest in the INVE	NTION and the APPLICATION refrom, such as continuing
ASSIGNOR hereby author to insert the Application No., APPLICATION DERIVATIVES afte	filing date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No.	Filing Date	Office

Page 1 of 2

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);

MS Docket No.: 339489.01

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).

Darya Mazandarany
Printed Name in English

Oute

Printed Name in English

Oute

	PATENT A	ASSIGNMENT	MS Docket No.: <u>339489.01</u>
			al inventor or an original join and/or claimed in a paten
application e	ntitled " <u>Generating</u>	Sequenced Instructions Fo	r Connecting Through Captive
<u>Portals</u> " ("AP	PLICATION"), which		
\boxtimes	will be filed.	ASSIGNOR hereby author	orizes, and requests.
		epresentatives, of the Law	
		soft Corporation, One Mic	•
	_	(ASSIGNEE'S LEGAL REPRE	• •
		s (filed on	
		the following Office	
		s Application No., filing of	
	known;	o repriesending to	acc, and office, when
	· · · · · · · · · · · · · · · · · · ·		
	was filed on	and was given A	Annlication
			ippiicacion
		by the following Office	
		· •	
successors a entire and e (and all oth applications,	ind assigns ("ASSIG xclusive rights, title ner applications a	NEE"), is entitled to, and e and interest in the INVE and patents derived ther	, on behalf of itself and its is desirous of acquiring, the NTION and the APPLICATION refrom, such as continuing is, and all foreign countries
ASSIG	NOR hereby authori	zes, and requests. ASSIGN	EE'S LEGAL REPRESENTATIVES
			the following table for any
	I DERIVATIVES after		and the second second second
Application		Filing Date	Office
	***************************************	111113	
	***************************************		***************************************
***************************************			AAAAAA
**************************************		***************************************	

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).

Inventor's Signature Christopher R. Rice	10 28 2013 Date
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 339489.01

inventor of application e	subject matter ("	INVENTION") disclosed a Sequenced Instructions For	inventor or an original joint nd/or claimed in a patent Connecting Through Captive
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parentheses Noby	ASSIGNOR hereby author epresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRE s (filed on the following Office s Application No., filing o	and Corporate Affairs crosoft Way, Redmond, SENTATIVES), to insert and given Application
		and was given A by the following Office ";	application
successors a entire and e (and all oth applications, ("APPLICATION ASSIG	and assigns ("ASSIG xclusive rights, title her applications and in and for the Un ON DERIVATIVES"));	NEE"), is entitled to, and e and interest in the INVE and patents derived ther nited States, its territories and requests, ASSIGN	, on behalf of itself and its is desirous of acquiring, the NTION and the APPLICATION efrom, such as continuing es, and all foreign countries the following table for any
	N DERIVATIVES after	•	the following table for any
Application	No.	Filing Date	Office

Page 1 of 2

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);

MS Docket No.: <u>339489.01</u>

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).

<u>Saumay a Shaoma</u> Inventor's Signature	10/29/2013 Date
Saumaya Sharma	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

PATENT REEL: 040259 FRAME: 0517

RECORDED: 11/09/2016