505263800 01/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5310572

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD SHABBIR ALAM	11/11/2013
JAVIER FLORES ASSAD	11/04/2013
NICHOLAS A. BANKS	10/30/2013
PIYUSH GOYAL	10/29/2013
JAMES CHRISTOPHER GRAY	11/11/2013
SHAI GUDAY	10/25/2013
THOMAS W. KUEHNEL	10/28/2013
TRIPTPAL SINGH LAMBA	10/31/2013
DAVID NEIL MACDONALD	10/28/2013
DARYA MAZANDARANY	11/01/2013
SIDHARTH UDAY NABAR	10/27/2013
CHRISTOPHER R. RICE	10/28/2013
SAUMAYA SHARMA	10/29/2013
DOUGLAS E. STAMPER	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:	14081202

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:
 docket@bjfip.com

PATENT REEL: 048647 FRAME: 0214

505263800

Correspondent Name: BARTA, JONES & FOLEY, P.C. (PATENT GROUP)

Address Line 1: 2805 DALLAS PARKWAY

Address Line 2: SUITE 222

Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER: 339488-US-NP		
NAME OF SUBMITTER:	HOLLI L. TEMPLETON	
SIGNATURE:	/Holli L. Templeton/	
DATE SIGNED:	01/04/2019	

Total Attachments: 28

source=339488-US-NP Assignments#page1.tif source=339488-US-NP Assignments#page2.tif source=339488-US-NP_Assignments#page3.tif source=339488-US-NP_Assignments#page4.tif source=339488-US-NP Assignments#page5.tif source=339488-US-NP_Assignments#page6.tif source=339488-US-NP_Assignments#page7.tif source=339488-US-NP Assignments#page8.tif source=339488-US-NP Assignments#page9.tif source=339488-US-NP_Assignments#page10.tif source=339488-US-NP Assignments#page11.tif source=339488-US-NP Assignments#page12.tif source=339488-US-NP_Assignments#page13.tif source=339488-US-NP_Assignments#page14.tif source=339488-US-NP_Assignments#page15.tif source=339488-US-NP Assignments#page16.tif source=339488-US-NP_Assignments#page17.tif source=339488-US-NP Assignments#page18.tif source=339488-US-NP Assignments#page19.tif source=339488-US-NP_Assignments#page20.tif source=339488-US-NP_Assignments#page21.tif source=339488-US-NP Assignments#page22.tif source=339488-US-NP Assignments#page23.tif source=339488-US-NP_Assignments#page24.tif source=339488-US-NP Assignments#page25.tif source=339488-US-NP Assignments#page26.tif source=339488-US-NP_Assignments#page27.tif source=339488-US-NP_Assignments#page28.tif

> PATENT REEL: 048647 FRAME: 0215

	PATENT A	SSIGNMENT	MS Docket No.: <u>339488.01</u>
joint invento application	or of subject matte	r ("INVENTION") disclosed	riginal inventor or an original and/or claimed in a patent o Connect Through Captive
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parentheses No. 14/081,202 by	ASSIGNOR hereby author epresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRES (filed on 11/15/2013 the following Office United S Application No., filing of	and Corporate Affairs crosoft Way, Redmond, SENTATIVES), to insert and given Application States Patent & Trademark)
		and was given A by the following Office ";	pplication
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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));			
to insert the	•	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application		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);

MS Docket No.: 339488.01

11 Shalli Han	111/11/13
Inventor's Signature	Date
Mohammad Shabbir Alam	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Javie</u>	r Flores Assad ("As	SSIGNOR"), am the origina	l inventor or an original joint
inventor of	subject matter ("I	NVENTION") disclosed a	nd/or claimed in a patent
application e	ntitled " <u>Applying :</u>	Sequenced Instructions to	o Connect Through Captive
Portals" ("APP	LICATION"), which:		
	will be filed.	ASSIGNOR hereby autho	rizes, and requests,
	ASSIGNEE'S legal re	epresentatives, of the Law	and Corporate Affairs
	Department, Micro	soft Corporation, One Mic	rosoft Way, Redmond,
,	Washington 98052	(ASSIGNEE'S LEGAL REPRE	SENTATIVES), to insert
	here in parentheses	s (filed on <u>11/15/2013</u>	and given Application
	No. <u>14/081,202</u> by	the following Office United	States Patent & Trademark)
	this APPLICATION'S	s Application No., filing d	ate, and Office, when
	known;		
	was filed on	and was given A	pplication
	No	by the following Office	
		". 	
Micros	oft Corporation, a	Washington Corporation,	on behalf of itself and its
successors ar	nd assigns ("ASSIGI	NEE"), is entitled to, and i	is desirous of acquiring, the
entire and ex	clusive rights, title	and interest in the INVE	NTION and the APPLICATION
	- .		efrom, such as continuing
		•	s, and all foreign countries
	N DERIVATIVES"));	,	,
,	,,,		
ASSIGN	IOR hereby authori	zes, and requests, ASSIGNI	EE'S LEGAL REPRESENTATIVES
to insert the	Application No., fi	iling date, and Office into	the following table for any
<u>APPLICATI</u> ON	DERIVATIVES after	they are known;	
Application I	No.	Filing Date	Office

MS Docket No.: <u>339488.01</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

Date

Javier Flores Assad

Printed Name in English

Printed Name in Native Language
(if other than English)

KK 12 1

I, <u>Nicholas A. Banks</u> ("AS inventor of subject matter ("I application entitled " <u>Applying Solution</u> "), which:	NVENTION") disclosed a	•
ASSIGNEE'S legal re Department, Micros Washington 98052 here in parentheses No. <u>14/081,202</u> by	ASSIGNOR hereby author epresentatives, of the Law soft Corporation, One Mico (ASSIGNEE'S LEGAL REPRES (filed on 11/15/2013 the following Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs and the sollowing Office United States Application No., filing designs are sollowed to the sollowing Office United States Application No., filing designs are sollowed to the sollowing Office United States Application No., filing designs are sollowed to the sollowed to	and Corporate Affairs rosoft Way, Redmond, SENTATIVES), to insert and given Application
	and was given A by the following Office ";	pplication
Microsoft Corporation, a successors and assigns ("ASSIGN entire and exclusive rights, title (and all other applications ar applications, in and for the Ur ("APPLICATION DERIVATIVES"));	NEE"), is entitled to, and and and interest in the INVE	NTION and the APPLICATION efrom, such as continuing
ASSIGNOR hereby authorize to insert the Application No., fi	ling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No.	Filing Date	Office

MS Docket No.: 339488.01

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);

Wilsh Bak	10/30/2013
Inventor's Signature	Date
Nicholas A. Banks	
Printed Name in English	Printed Name in Native Language (if other than English)

of subject mat	ter ("INVENTION") (disclosed and/or claimed i	or or an original joint inventor n a patent application entitled tive Portals" ("APPLICATION"),
,	ASSIGNEE'S legal re Department, Micro Vashington 98052 nere in parentheses No. <u>14/081,202</u> by	ASSIGNOR hereby authors presentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRES (filed on 11/15/2013 the following Office United States Application No., filing of	and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application
١		and was given A by the following Office ";	application
successors an entire and exception all other applications, in ("APPLICATION")	d assigns ("ASSIGI clusive rights, title or applications and in and for the Ui I DERIVATIVES"));	NEE"), is entitled to, and and interest in the INVE and patents derived ther nited States, its territorie	, on behalf of itself and its is desirous of acquiring, the NTION and the APPLICATION refrom, such as continuing s, and all foreign countries
to insert the A		iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
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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 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	10/29/2013 Date
Piyush Goyal	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 339488.01

I, <u>James Christopher Gray</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>Applying Sequenced Instructions to Connect Through Captive Portals</u> " ("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 11/15/2013 and given Application No. 14/081,202 by the following Office United States Patent & Trademark this APPLICATION's Application No., filing date, and Office, when known;				
		and was given A by the following Office ";	Application		
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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));					
ASSIG	NOR hereby authori	zes, and requests, ASSIGN	EE'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		

Page 1 of 2

PATENT REEL: 048647 FRAME: 0224

MS Docket No.: <u>339488.01</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

Date

James Christopher Gray

Printed Name in English

Printed Name in Native Language

MS Docket No.: 339488.01

(if other than English)

of subject ma	atter ("INVENTION	OR"), am the origina ") disclosed and/or one to Connect Thro	claimed in a patent a	application entitled
which:				, (, , , , , , , , , , , , , , , , , ,
	ASSIGNEE'S lega Department, Mic Washington 980 here in parenthe No. 14/081,202	ASSIGNOR hereb I representatives, of crosoft Corporation, 52 (ASSIGNEE'S LEG, ses (filed on <u>11/15,</u> by the following Offi N's Application No.	the Law and Corpo One Microsoft Way AL REPRESENTATIVE 2013 and given Ce United States Patent & T	orate Affairs , Redmond, (S), to insert Application
	No	and wa by the followin ";		
successors a entire and e (and all otl applications, ("APPLICATIC	and assigns ("ASS xclusive rights, t her applications in and for the DN DERIVATIVES")	a Washington Cor IGNEE"), is entitled itle and interest in t and patents deriv United States, its Orizes, and requests	to, and is desirous the INVENTION and red therefrom, su- territories, and all	of acquiring, the the APPLICATION ch as continuing foreign countries
		, filing date, and O er they are known;	ffice into the follow	ving table for any
Application		Filing Date	Office	

MS Docket No.: <u>339488.01</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);

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

I, <u>Thomas W. Kuehnel</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>Applying Sequenced Instructions to Connect Through Captive Portals</u> " ("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 11/15/2013 and given Application No. 14/081,202 by the following Office United States Patent & Trademark this APPLICATION's Application No., filling date, and Office, when known;
was filed on and was given Application No by the following 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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
Application No.

Page 1 of 2

PATENT REFER: **0486477 RAW 60238**NUT

MS Docket No.: <u>339488.01</u>

FAX NO, 12065484413

MS Docket No.: 339488.01

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);

The Kill	28 Oct 2013
Inventor's Signature	Date
Thomas W. Kuehnel	
Printed Name in English	Printed Name in Native Language
	(if other than English)

joint invento application e	or of subject mat	tter ("INVENTION") d a Sequenced Instru	the original inventor of sclosed and/or claimed to Connect Thro	d in a patent
	ASSIGNEE'S lega Department, Mic Washington 980 here in parent Application I Office United State	I representatives, of crosoft Corporation, 52 (ASSIGNEE'S LEGA theses (filed on	r authorizes, and recthe Law and Corporate One Microsoft Way, Rect L REPRESENTATIVES), to 11/15/2013 and by the fol this APPLICA e, when known;	Affairs Imond, Insert given Ilowing
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successors a entire and ex (and all oth applications,	ind assigns ("ASS xclusive rights, t ner applications	ilGNEE"), is entitled to itle and interest in to and patents deriv United States, its t	ooration, on behalf of o, and is desirous of a he INVENTION and the ed therefrom, such a erritories, and all fore	acquiring, the APPLICATION as continuing
	TIVES to insert		requests, ASSIGNI ., filing date, and Of after they are known;	
Application N		Filing Date	Office	

Page 1 of 2

MS Docket No.: 339488.01

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);

1)	10/3/(201)
Inventor's Agnature	Date
Triptpal Singh Lamba	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Dav</u>	<u>rid Neil MacDonal</u>	d_ ("ASSIGNOR	"), am the o	riginal inventor or a	n original
joint invento	or of subject mat	ter ("INVENTIO	N") disclosed	d and/or claimed in	a patent
application	entitled " <u>Applying</u>	g Sequenced I	nstructions	to Connect Through	<u>Captive</u>
Portals" ("AP	PLICATION"), whic	h:			
\boxtimes	will be filed.	ASSIGNOR I	nereby autho	orizes, and reques	ts,
	ASSIGNEE'S legal	representative	es, of the Lav	v and Corporate Affa	irs
	Department, Mic	rosoft Corpora	tion, One Mi	crosoft Way, Redmor	nd,
	Washington 9805	52 (ASSIGNEE'S	LEGAL REPR	ESENTATIVES), to ins	ert
	here in parenthes	ses (filed on	11/15/2013	_ and given Applicati	on
	No. <u>14/081,202</u>	by the following	g Office <u>Unite</u>	ed States Patent & Trademark	_)
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	known;				
					
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("APPLICATIC	ON DERIVATIVES"));				
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APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office					
Application	140.	Filing Date		Office	

Page 1 of 2

PATENT REEL: 048647 FRAME: 0232

MS Docket No.: <u>339488.01</u>

MS Docket No.: 339488.01

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);

Inventor's Signature	/0/28//3 Date
David Neil MacDonald	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I, <u>Darya Mazandarany</u> ("A inventor of subject matter ("I application entitled " <u>Applying</u>	NVENTION") disclosed a	•
Portals" ("APPLICATION"), which:		
ASSIGNEE'S legal re Department, Micro Washington 98052 here in parentheses No. <u>14/081,202</u> by	ASSIGNOR hereby authors presentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRESS (filed on 11/15/2013 the following Office United States Application No., filing of	and Corporate Affairs crosoft Way, Redmond, SENTATIVES), to insert and given Application States Patent & Trademark
	and was given A by the following Office ";	pplication
Microsoft Corporation, a successors and assigns ("ASSIGN entire and exclusive rights, title (and all other applications and applications, in and for the UI ("APPLICATION DERIVATIVES"));	NEE"), is entitled to, and e and interest in the INVE nd patents derived ther	NTION and the APPLICATION efrom, such as continuing
ASSIGNOR hereby authorized insert the Application No., for APPLICATION DERIVATIVES after	iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No.	Filing Date	Office

MS Docket No.: 339488.01

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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).

IV///3
Inventor's Signature Date

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

I, Sidharth Uday Nabar ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Applying Sequenced Instructions to Connect Through Captive Portals" ("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 11/15/2013 and given Application No. 14/081.202 by the following Office United States Patent & Trademark this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No ______ by the following 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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

Page 1 of 2

PATENT REEL: 048647 FRAME: 0236

MS Docket No.: 339488.01

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);

SMopair	10 27 13
Inventor's Signature	Date
Sidharth Uday Nabar	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of application	subject matter ("	INVENTION") disclosed a Sequenced Instructions t	al inventor or an original joint and/or claimed in a patent to Connect Through Captive
	ASSIGNEE'S legal re Department, Micro Washington 98052 here in parenthese No. 14/081,202 by	ASSIGNOR hereby authoropresentatives, of the Law isoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRES) (filed on 11/15/2013 the following Office United 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 ";	Application
successors a entire and e (and all oth applications, ("APPLICATIC ASSIGI	and assigns ("ASSIG exclusive rights, title ner applications all in and for the Un ON DERIVATIVES"));	NEE"), is entitled to, and and and interest in the INVE nd patents derived ther nited States, its territories zes, and requests, ASSIGN	, on behalf of itself and its is desirous of acquiring, the NTION and the APPLICATION efrom, such as continuing s, and all foreign countries the following table for any
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Application	No.	Filing Date	Office
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Page 1 of 2

MS Docket No.: 339488.01

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

MS Docket No.: 339488.01

inventor of application	subject matter ("l	INVENTION") disclosed a Sequenced Instructions t	inventor or an original joint nd/or claimed in a patent o Connect Through Captive
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parentheses No. 14/081,202 by	ASSIGNOR hereby authorepresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRES (filed on 11/15/2013 the following Office United S Application No., filing of	and Corporate Affairs crosoft Way, Redmond, SENTATIVES), to insert and given Application
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successors a entire and e (and all otl applications,	und assigns ("ASSIGI xclusive rights, title her 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 efrom, such as continuing es, and all foreign countries
to insert the		iling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application		Filing Date	Office

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MS Docket No.: <u>339488.01</u>

Saumaus Shaama .	10/29/2013	
Saumaya Shaama . Inventor's Signature	Date	
Saumaya Sharma		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

inventor of application	subject matter ("	INVENTION") disclosed a Sequenced Instructions	al inventor or an original joint and/or claimed in a patent to Connect Through Captive
	ASSIGNEE'S legal red Department, Micro Washington 98052 here in parenthese No. 14/081,202 by	ASSIGNOR hereby author epresentatives, of the Law osoft Corporation, One Mick (ASSIGNEE'S LEGAL REPRING (Filed on 11/15/2013) the following Office United Science Application No., filing of the second secon	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert _ and given Application d States Patent & Trademark)
	No	and was given A by the following Office ";	
successors a entire and ea (and all oth applications, ("APPLICATIO ASSICI to insert the	and assigns ("ASSIG exclusive rights, title ner applications a in and for the Ui ON DERIVATIVES")); NOR hereby authori Application No., f	NEE"), is entitled to, and and and interest in the INVE and patents derived the inited States, its territories zes, and requests, ASSIGN iling date, and Office into	is desirous of acquiring, the INTION and the APPLICATION refrom, such as continuing es, and all foreign countries the following table for any
APPLICATION Application	DERIVATIVES after		
Application	INO.	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 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

Date

Douglas E. Stamper

Printed Name in English

Printed Name in Native Language

(if other than English)