### 504829074 03/20/2018

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4875811

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KANNAN DHANASEKARAN	12/27/2017
NAKUL GARG	01/26/2018
KRISHNA KUMAR PARTHASARATHY	03/06/2018
DHEEPAK RAMASWAMY	01/03/2018
YU LI	01/04/2018
MARTIN GAGNE	01/17/2018
YONGHUA YANG	01/26/2018
JINHAO LI	12/20/2017
LIMING CHEN	12/20/2017
MINGQUAN XUE	12/29/2017

#### **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:	15852241

#### **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.

Email: usdocket@microsoft.com

Correspondent Name: NEWPORT IP, LLC

Address Line 1: 1400 112TH AVE SE, SUITE 100
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9129US
NAME OF SUBMITTER:	PAOLA SEVERICH

PATENT 504829074 REEL: 045294 FRAME: 0962

SIGNATURE:	/Paola Severich/
DATE SIGNED:	03/20/2018
Total Attachments: 20	
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PATENT REEL: 045294 FRAME: 0963

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

i <u>Kanı</u>	<u>nan DHANASEKAR/</u>	<u>\N</u> ("ASSIGNOR") am ti	he original inventor or an or	rigina
joint invento	or of subject matt	er ("INVENTION") disci	losed and/or claimed in a p	pateni
application	entitled " <u>SYSTEMS</u>	AND METHODS FOR	ENABLING A FILE MANAGE	MENT
LABEL TO PE	RSIST ON A DATA	FILE" ("APPLICATION"),	which:	
	will be filed.	ASSIGNOR hereby	authorizes, and requests,	
			soft Technology Licensing,	
			ond, Washington 98052	
	(ASSIGNEE'S LEG	GAL REPRESENTATIVE	ES), to insert here in	
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	Patent and Trade	<u>mark Office";</u> this APPI	LICATION's Application No.,	
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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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).

Jamos	12/27/2017
Inventor's Signature	Date
Kannan DHANASEKARAN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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		/or claimed in a patent application
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given Applicat		and was by the following Office " <u>US</u> <u>'k Office</u> ";
behalf of itself and its sudesirous of acquiring, the entire tright of priority, in the INVE patents derived therefrom,	ccessors and assigns intire and exclusive ri NTION and the APPLIC such as continuing ap	shington limited liability company, on ("ASSIGNEE"), is entitled to, and is ights, title and interest, including the CATION (and all other applications and oplications, in whole or in part, in and ill foreign countries ("APPLICATION
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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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Nehm aus	1/26/2018
Inventor's Signature	Date
Nakul GARG	मकुला आग
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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	December 22, 2017	and was given	
		y the following Office " <u>US -</u>	
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desirous of acquiring, the right of priority, in the INV patents derived therefrom,	entire and exclusive ri ENTION and the APPLIC such as continuing ap	("ASSIGNEE"), is entitled to, a ghts, title and interest, includir ATION (and all other application plications, in whole or in part, i Il foreign countries ("APPLIC	ng the ns and in and
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Page 1 of 2

PATENT REEL: 045294 FRAME: 0968

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

I <u>Dheepak RAMASWAMY</u>	("ASSIGNOR") am the or	iginal inventor or an original
joint inventor of subject matte	er ("INVENTION") disclose	d and/or claimed in a patent
application entitled "SYSTEMS	AND METHODS FOR ENA	ABLING A FILE MANAGEMENT
LABEL TO PERSIST ON A DATA F	FILE" ("APPLICATION"), whi	ch:
$\square$ will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
(ASSIGNEE'S LEC	GAL REPRESENTATIVES),	to insert here in
parentheses (filed	d on	and given Application
No	by the following Offi	ce <u>"US – United States</u>
<u>Patent and Trader</u>	nark Office"; this APPLICA	TION's Application No.,
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Microsoft Technology Lidebehalf of itself and its success desirous of acquiring, the entity right of priority, in the INVENTION patents derived therefrom, successfor the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Inventor's Signature

Dheepak RAMASWAMY

Printed Name in English

01/03/2018

Date

DHEEPAK RAMASWAMY

Printed Name in Native Language

(if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

I <u>Yu LI</u> ("ASSIGNOR") am	n the original inventor or	an original joint inventor o
subject matter ("INVENTION") d	isclosed and/or claimed i	n a patent application entitled
"SYSTEMS AND METHODS FOR I	<u>ENABLING A FILE MANAGE</u>	MENT LABEL TO PERSIST ON A
DATA FILE" ("APPLICATION"), wh	nich:	
$\square$ will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
•	rosoft Way, Redmond,	
(ASSIGNEE'S LEC	GAL REPRESENTATIVES),	to insert here in
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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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1411	1/4/2018
Inventor's Signature	Date
Yu Li	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

inventor of	subject matter	("INVENTION") dis	original inventor or an ori closed and/or claimed in	a patent
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Inventor's Signature/

Martin GAGNE

Printed Name in English

Qate

Printed Name in Native Language (if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

I <u>Yonghua YANG</u> ("ASSI	GNOR") am the original	inventor or an original joint
inventor of subject matter (	"INVENTION") disclosed	and/or claimed in a patent
application entitled "SYSTEMS	AND METHODS FOR ENA	ABLING A FILE MANAGEMENT
LABEL TO PERSIST ON A DATA I	TILE" ("APPLICATION"), which	ch:
$\square$ will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representative, Microsoft	Technology Licensing,
LLC., One Mic	rosoft Way, Redmond,	Washington 98052
	GAL REPRESENTATIVES),	
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States Patent and	Trademark Office";	
Microsoft Technology Lie	censing, LLC, a Washingto	n limited liability company, on
behalf of itself and its succe	ssors and assigns ("ASSIC	GNEE"), is entitled to, and is
desirous of acquiring, the enti	re and exclusive rights, ti	tle and interest, including the
right of priority, in the INVENTI	ON and the APPLICATION	(and all other applications and
patents derived therefrom, suc	h as continuing applicatio	ns, in whole or in part, in and
for the United States, its	erritories, and all forei	gn countries ("APPLICATION
DERIVATIVES"));		
ASSIGNOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert t	ne Application No., filin	g date, and Office into the
following table for any APPLICA	TION DERIVATIVES after th	ney are known;
Application No.	Filing Date	Office

Client Docket No.; MS1-9129US Attorney Docket No.; 403193-US-NP

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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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

Yonghua YANG

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

I <u>Jinhao LI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEMS AND METHODS FOR ENABLING A FILE MANAGEMENT LABEL TO PERSIST ON A DATA FILE" ("APPLICATION"), which:

$\overline{}$	will be filed. ACCIONOD benefic and account
$\triangle$	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 onand was given Application
	No: by the following Office " <u>US – United</u>
	States Patent and Trademark Office";
ros	soft Technology Licensing, LLC, a Washington limited liability comp

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	

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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Inventor's Signature

linhao Ll

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

Client Docket No.; MS1-9129US Attorney Docket No.: 403193-US-NP

I <u>Liming CHEN</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>SYSTEMS AND METHODS FOR ENABLING A FILE MANAGEMENT LABEL TO PERSIST ON A DATA FILE</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,

	LLC., One Mic (ASSIGNEE'S LEG parentheses (file No. Patent and Trade	representative, Microsoft crosoft Way, Redmond, GAL REPRESENTATIVES), d on by the following Offi mark Office"; this APPLICA Office, when known;	, Washington 98052 to insert here in and given Application ce <u>"US – United States</u>
	was filed on	and was g	iven Application
	No:	by the following   <u>Trademark Office</u> ";	
behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the ent rity, in the INVENT ved therefrom, suc ited States, its	essors and assigns ("ASSI ire and exclusive rights, to ION and the APPLICATION ch as continuing application	on limited liability company, on GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
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Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

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Liming CHEN
Printed Name in English
Printed Name English

(If other than English)

Client Docket No.: MS1-9129US Attorney Docket No.: 403193-US-NP

l <u>Mingquan XUE</u> ("ASSIC	GNOR") am the original	inventor or an original join
inventor of subject matter (	"INVENTION") disclosed	and/or claimed in a paten
application entitled "SYSTEMS	AND METHODS FOR ENA	ABLING A FILE MANAGEMENT
LABEL TO PERSIST ON A DATA F	ILE" ("APPLICATION"), whi	ch:
$\square$ will be filed.	ASSIGNOR hereby auth	orizes, and requests,
	representative, Microsoft	• •
	rosoft Way, Redmond,	<b>3</b> ,
•	GAL REPRESENTATIVES),	_
	d on	
	by the following Offi	
	mark Office"; this APPLICA	
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⊠ was filed on ⊃De	<u>cember 22, 2017</u> an	id was given
	15/852,241 by the fo	
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	,	
Microsoft Technology Lic	censing, LLC, a Washingto	n limited liability company, or
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Inventor's Signature

Mingquan XUE

Printed Name in English

12/29/2017

Date

MINGOUAN XUZ

Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 045294 FRAME: 0983