505710425 10/07/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5757235

CONVEYING PARTY DATA

Name	Execution Date
GANG LIN	04/06/2017
JING GUAN	04/27/2017
JIEWEI XU	04/18/2017
WENFENG ZENG	04/24/2017

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052-6399

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16603026

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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: crogers@merchantgould.com MERCHANT & GOULD P.C. **Correspondent Name:**

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

NAME OF SUBMITTER:	TIMOTHY B. SCULL
SIGNATURE:	/Timothy B. Scull/
DATE SIGNED:	10/07/2019

Total Attachments: 8

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> **PATENT** REEL: 050641 FRAME: 0809 505710425

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> PATENT REEL: 050641 FRAME: 0810

PATENT ASSIGNMENT MS Docket No.:401817-WO-PCT
I LIN, Gang ("ASSIGNOR") am the original inventor or an original joint inventor
of subject matter ("INVENTION") disclosed and/or claimed in a patent application
entitled "DESKTOP LAUNCHER" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Microsoft Technology Licensing,
LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
LEGAL REPRESENTATIVES), to insert here in parentheses (filed
on and given Application
No by the following
Office
Application No., filing date, and Office, when known;
was filed on April 5, 2017 and was given Application
No PCT/CN2017/079472 by the following Office "State
Intellectual Property Office of the People's Republic of China
(RO/CN) ";
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
16/603026	2019-10-04	US Patent and Trademark Offic

Page 1 of 2

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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).

Name in Native Language than English)

PATENT ASSIGNMENT

MS Docket No.:401817-WO-PCT

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Page 1 of 2

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Inventor's Signature	Date Date
GUAN, Jing	管静
Printed Name in English	Printed Name in Native Language (if other than English)

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PATENT ASSIGNMENT MS Docker No. 401817-WO-PCT

I <u>XU. Newer</u> ("ASSIGNOR") am of subject matter ("INVENTION") dis entitled " <u>DESKTOP LAUNCHER" ("APPL</u>	sclosed and or cl		
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Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries l'APPLICATION DERIVATIVES 1).

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Inventor's Signature

XU, Jiewei

Printed Name in English

17-1 18, 2017

Date

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Printed Name in Native Language (if other than English)

	("INVENTION") disclosed	Il inventor or an original joint and/or claimed in a patent N"), which:
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Office Application No., f was filed on April No PCT/CN2017 Intellectual Prope	ASSIGNOR hereby aution representative, Microsof of Way, Redmond, Washin TATIVES), to insert here and by Tation by The state of the People's Interest of the I	t Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application the following) this APPLICATION's en known; pplication ing Office "State
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nventor's Signature	
ENG, Wenfeng	曾文锋
Printed Name in English	Printed Name in Native Language (if other than English)