

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8106357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FUNGIBLE, INC.	07/27/2023
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:	18446876
CORRESPONDENCE DATA	
Fax Number:	(425)936-7329
<i>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.</i>	
Phone:	4257079382
Email:	usdocket1@microsoft.com
Correspondent Name:	MICROSOFT CORPORATION
Address Line 1:	ONE MICROSOFT WAY
Address Line 4:	REDMOND, WASHINGTON 98052
ATTORNEY DOCKET NUMBER:	802396-US-CNT[6]
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	08/09/2023
Total Attachments: 15	
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ASSIGNMENT OF PATENTS AND APPLICATIONS

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

Fungible, Inc., a corporation organized under the laws of Delaware and having an office and place of business at 3201 Scott Blvd., Santa Clara, California, 95054 ("ASSIGNOR"),

hereby sells, assigns, transfers, and conveys to

Microsoft Technology Licensing, LLC, a limited liability company organized under the laws of Washington and having an office and place of business at One Microsoft Way, Redmond, Washington 98052 ("ASSIGNEE"),

all right, title and interest ASSIGNOR has in and to the patents and patent applications listed in Exhibit A, ("PATENTS") attached hereto, including any and all legal rights to sue for past, present and future infringement, to collect royalties, to prosecute all existing patent applications worldwide, to apply for additional patents worldwide and to have patents issue in the name of ASSIGNEE.

Assignor also assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns, its full and exclusive rights in and to the Intellectual Property including the PATENTS in the U.S. and every foreign country, and its entire right, title, and interest in and to the related applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the Intellectual Property including the PATENTS and related applications.

Upon said consideration, Assignor conveys to the Assignee the right to make application in its own behalf on the Intellectual Property including the PATENTS and related applications in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

(1) ASSIGNOR requests and authorizes the appropriate officials in any country, to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(2) ASSIGNOR grants to ASSIGNEE and its agents the authority and power to insert on this instrument any further identification necessary or desirable for purposes of recordation in the Patent and Trademark Office of any country.

(3) ASSIGNOR certifies that the person signing this assignment is a lawful representative of ASSIGNOR and is authorized to execute this assignment its behalf.

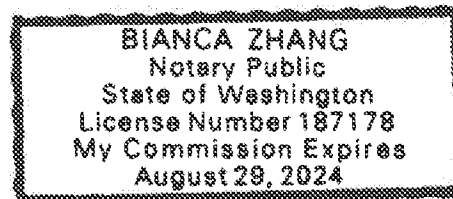
(4) This assignment will become effective on the date when both ASSIGNOR and ASSIGNEE have signed it.

07/27/2023 Signature of [Signature] for ASSIGNOR
[Date] Benjamin Owen Orndorff, Vice President, Fungible, Inc.

I certify that the above-identified ASSIGNOR, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNOR, for the uses and purposes therein set forth.

Given under my hand and seal, this July 27th, 2023 [Date].

[Signature]
Bianca Zhang - NOTARY PUBLIC
In and for the State of Washington U.S.A.
Residing at King County, Washington U.S.A.
My Appointment expires: 08/29/2024



July 27, 2023 Signature of [Signature] for ASSIGNEE.
[Date] Tyler Fuller, Vice President, Microsoft Technology Licensing, LLC

I certify that the above-identified ASSIGNEE, personally known to me to be the same person or persons who signed the foregoing instrument, appeared before me this day in person, and acknowledged that the said instrument was signed and delivered as the free and voluntary act of the ASSIGNEE, for the uses and purposes therein set forth.

Given under my hand and seal, this July 27th, 2023 [Date].

[Signature]
Bianca Zhang – NOTARY PUBLIC
In and for the State of Washington U.S.A.
Residing at King County, Washington U.S.A.
My Appointment expires: 08/29/2024

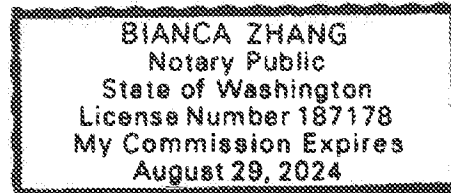


EXHIBIT A

Country	Case reference	Grant Number	Filing Number	Status
China	802395-CN-NP		201710822528.0	Abandoned
United States Of America	802395-US-NP	10303375	15/269457	Grant
China	802395-CN-NP[2]	ZL20171082290 1.2	201710822901.2	Grant
United States Of America	802395A-US-CIP	10209900	15/347547	Grant
United States Of America	802396-US-NP	10425707	15/938767	Grant
United States Of America	802396-US-CNT[3]		16/901991	Publication of application
United States Of America	802396-US-CNT[2]	11469922	16/859765	Grant
United States Of America	802396-US-CNT	10986425	16/579520	Grant
United States Of America	802396-US-CNT[5]		18/173841	Filing
United States Of America	802396-US-PSP[2]		62/514583	Expiry date
United States Of America	802396-US-NP[2]	10637685	15/939041	Grant
United States Of America	802396-US-PSP[3]		62/557988	Expiry date
United States Of America	802396-US-PSP		62/478414	Expiry date
United States Of America	802396-US-NP[3]	10686729	15/939227	Grant
United States Of America	802396-US-CNT[4]		17/301842	Notice of Allowance

Country	Case reference	Grant Number	Filing Number	Status
China	802396-CN-PCT[3]		201880035537.8	Abandoned
International Procedure	802396-WO-PCT[2]		PCT/US18/024902	Closed
International Procedure	802396-WO-PCT		PCT/US18/024879	Closed
China	802396-CN-PCT[2]		201880028735.1	Abandoned
China	802396-CN-PCT		201880033020.5	Abandoned
International Procedure	802396-WO-PCT[3]		PCT/US18/024918	Closed
United States Of America	802397-US-CNT	11048634	16/746344	Grant
United States Of America	802397-US-NP[2]	10565112	15/949892	Grant
United States Of America	802397-US-CNT[2]	11360895	16/791957	Grant
United States Of America	802397-US-PSP		62/483844	Expiry date
United States Of America	802397-US-NP	10540288	15/949692	Grant
United States Of America	802397-US-CNT[5]		18/175362	Filing
United States Of America	802397-US-CNT[3]		17/360619	Notice of Allowance
United States Of America	802397-US-CNT[4]		17/806419	Publication of application
United States Of America	802397-US-PSP[2]		62/625518	Expiry date
China	802397-CN-PCT		201880038296.2	Publication of application
International Procedure	802397-WO-PCT		PCT/US18/026873	Closed

Country	Case reference	Grant Number	Filing Number	Status
International Procedure	802397-WO-PCT[2]		PCT/US18/026884	Abandoned
China	802398-CN-PCT[2]	ZL201880046048.2	201880046048.2	Grant
United States Of America	802398-US-PSP[3]		62/589427	Expiry date
United States Of America	802398-US-CNT[2]		16/939617	Publication of application
United States Of America	802398-US-PSP[2]		62/559021	Expiry date
United States Of America	802398-US-NP	10659254	16/031676	Grant
United States Of America	802398-US-NP[2]	10725825	16/031945	Grant
United States Of America	802398-US-NP[4]	11303472	16/031921	Grant
United States Of America	802398-US-NP[3]	10841245	16/197179	Grant
United States Of America	802398-US-PSP		62/530691	Expiry date
European Procedure (Patents)	802398-EP-EPT		18746491.2	Abandoned
European Procedure (Patents)	802398-EP-EPT[2]		18753483.9	Abandoned
United States Of America	802398-US-CNT[3]		17/657081	Publication of application
United States Of America	802398-US-CNT	11546189	16/877050	Grant
International Procedure	802398-WO-PCT[3]		PCT/US18/041510	Closed
International Procedure	802398-WO-PCT		PCT/US18/041464	Closed
China	802398-CN-PCT		201880046043.X	Abandoned

Country	Case reference	Grant Number	Filing Number	Status
International Procedure	802398-WO-PCT[4]		PCT/US18/062117	Abandoned
China	802398-CN-PCT[3]		201880046042.5	Publication of application
European Procedure (Patents)	802398-EP-EPT[3]		18752905.2	Abandoned
International Procedure	802398-WO-PCT[2]		PCT/US18/041506	Closed
China	802399-CN-PCT[3]		201880063487.4	Abandoned
United States Of America	802399-US-CNT[4]		18/175376	Filing
United States Of America	802399-US-PSP		62/566060	Expiry date
United States Of America	802399-US-PSP[3]		62/638725	Expiry date
United States Of America	802399-US-NP[2]	10965586	16/147134	Grant
United States Of America	802399-US-CNT[3]		17/454731	Publication of application
United States Of America	802399-US-CNT	11412076	17/248354	Grant
United States Of America	802399-US-PSP[4]		63/037404	Expiry date
United States Of America	802399-US-PSP[2]		62/638788	Expiry date
United States Of America	802399-US-PSP[5]		63/058224	Expiry date
United States Of America	802399-US-PSP[6]		63/070114	Expiry date
China	802399-CN-PCT[2]		201880062872.7	Abandoned
United States Of America	802399-US-NP[3]	11178262	16/147070	Grant

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	802399-US-CNT[2]		17/301185	Notice of Allowance
United States Of America	802399-US-NP	10904367	16/147099	Grant
International Procedure	802399-WO-PCT[2]		PCT/US18/053591	Closed
International Procedure	802399-WO-PCT		PCT/US18/053586	Closed
China	802399-CN-PCT	ZL201880063473.2	201880063473.2	Grant
International Procedure	802399-WO-PCT[3]		PCT/US18/053597	Closed
United States Of America	802399A-US-CIP		16/774941	Publication of application
United States Of America	802399B-US-CIP		17/303887	Publication of application
United States Of America	802399C-US-CIP		17/303900	Publication of application
United States Of America	802399D-US-CIP		17/303901	Publication of application
United States Of America	802399E-US-CIP		17/304654	Publication of application
United States Of America	802400-US-NP	10798223	16/295902	Grant
United States Of America	802400-US-PSP		62/640487	Expiry date
United States Of America	802400-US-CNT		17/651212	Publication of application
United States Of America	802400-US-DIV	11272041	17/063210	Grant
International Procedure	802400-WO-PCT		PCT/US19/021194	Abandoned
United States Of America	802400-US-CNT[2]		18/342005	Filing

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	802401-US-PSP		62/642798	Expiry date
United States Of America	802401-US-NP	11038993	16/352492	Grant
International Procedure	802401-WO-PCT		PCT/US19/022099	Abandoned
United States Of America	802402-US-CNT		17/333401	Publication of application
United States Of America	802402-US-PSP		62/682687	Expiry date
United States Of America	802402-US-PSP[2]		62/777654	Expiry date
United States Of America	802402-US-NP	11025445	16/434898	Grant
International Procedure	802402-WO-PCT		PCT/US19/036071	Abandoned
International Procedure	802403-WO-PCT		PCT/US19/036096	Abandoned
United States Of America	802403-US-NP	11218574	16/434983	Grant
United States Of America	802403-US-PSP		62/682695	Expiry date
United States Of America	802404-US-CNT	10771090	16/711715	Grant
United States Of America	802404-US-NP[2]	10922026	16/178373	Grant
United States Of America	802404-US-NP	10511324	16/178341	Grant
International Procedure	802404-WO-PCT		PCT/US19/059194	Abandoned
International Procedure	802405-WO-PCT		PCT/US19/040718	Abandoned
United States Of America	802405-US-NP	11258796	16/504112	Grant

Country	Case reference	Grant Number	Filing Number	Status
United States Of America	802405-US-PSP		62/694351	Expiry date
United States Of America	802406-US-NP[2]	10983721	16/035457	Grant
United States Of America	802406-US-NP	10645187	16/035416	Grant
International Procedure	802406-WO-PCT		PCT/US19/041068	Abandoned
International Procedure	802407-WO-PCT		PCT/US19/041071	Abandoned
United States Of America	802407-US-NP	10635419	16/035444	Grant
United States Of America	802408-US-NP	10656949	16/035478	Grant
United States Of America	802408-US-CNT	11010167	16/877102	Grant
International Procedure	802408-WO-PCT		PCT/US19/041246	Abandoned
International Procedure	802409-WO-PCT		PCT/US19/048960	Abandoned
United States Of America	802409-US-NP	11314868	16/556439	Grant
India	802409-IN-PSP		201841032795	Expiry date
United States Of America	802410-US-NP	11256644	16/560948	Grant
International Procedure	802410-WO-PCT		PCT/US19/049607	Abandoned
India	802410-IN-PSP		201841033337	Expiry date
United States Of America	802411-US-NP		16/546185	Publication of application
International Procedure	802411-WO-PCT		PCT/US19/047335	Abandoned

Country	Case reference	Grant Number	Filing Number	Status
India	802411-IN-PSP		201841033315	Expiry date
United States Of America	802412-US-PSP		62/731429	Expiry date
United States Of America	802412-US-NP	11038807	16/569360	Grant
International Procedure	802412-WO-PCT		PCT/US19/050855	Abandoned
United States Of America	802413-US-NP	10951393	16/157265	Grant
United States Of America	802413-US-DIV	11405179	17/249823	Grant
International Procedure	802413-WO-PCT		PCT/US19/055840	Abandoned
International Procedure	802414-WO-PCT		PCT/US19/056129	Abandoned
United States Of America	802414-US-NP	10958770	16/160609	Grant
United States Of America	802415-US-NP	10761931	16/169736	Grant
United States Of America	802415-US-NP[2]	10990478	16/265606	Grant
United States Of America	802415-US-CNT	11340985	17/007687	Grant
International Procedure	802415-WO-PCT		PCT/US19/057869	Abandoned
United States Of America	802416-US-NP[2]	10827192	16/179529	Grant
United States Of America	802416-US-NP	10827191	16/179472	Grant
United States Of America	802416-US-NP[3]	10848775	16/179496	Grant
United States Of America	802416-US-NP[4]	10931958	16/179558	Grant

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International Procedure	802416-WO-PCT		PCT/US19/059203	Abandoned
International Procedure	802417-WO-PCT		PCT/US19/062630	Abandoned
United States Of America	802417-US-NP	10929175	16/198607	Grant
International Procedure	802418-WO-PCT		PCT/US19/062026	Abandoned
United States Of America	802418-US-NP[3]	10727865	16/195617	Grant
United States Of America	802418-US-NP[2]		16/195290	Abandoned
United States Of America	802418-US-NP[4]	10812630	16/195644	Grant
United States Of America	802418-US-NP[5]	10997123	16/195564	Grant
United States Of America	802418-US-NP		16/195209	Abandoned
International Procedure	802419-WO-PCT		PCT/US19/062930	Abandoned
United States Of America	802419-US-NP	11309908	16/200484	Grant
United States Of America	802420-US-NP	10862513	16/249658	Grant
International Procedure	802420-WO-PCT		PCT/US20/013726	Abandoned
International Procedure	802421-WO-PCT		PCT/US20/021741	Abandoned
United States Of America	802421-US-NP		16/813353	Publication of application
United States Of America	802421-US-PSP		62/819263	Expiry date
United States Of America	802422-US-NP	11258726	16/808026	Grant

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United States Of America	802422-US-PSP		62/824770	Expiry date
International Procedure	802422-WO-PCT		PCT/US20/020817	Abandoned
International Procedure	802423-WO-PCT		PCT/US20/021249	Abandoned
United States Of America	802423-US-PSP		62/834688	Expiry date
United States Of America	802423-US-NP	10977410	16/810624	Grant
United States Of America	802424-US-NP	11240143	16/863730	Grant
United States Of America	802424-US-PSP		62/842001	Expiry date
United States Of America	802424-US-CNT		17/649282	Publication of application
United States Of America	802425-US-NP	11188338	16/440689	Grant
United States Of America	802426-US-NP	11552907	16/947754	Grant
United States Of America	802426-US-PSP		62/888263	Expiry date
United States Of America	802427-US-NP	11263190	16/584390	Grant
United States Of America	802428-US-NP		16/584467	Notice of Allowance
United States Of America	802429-US-PSP		62/911082	Expiry date
United States Of America	802429-US-NP		17/061725	Notice of Allowance
United States Of America	802429-US-CNT		18/167618	Publication of application
United States Of America	802430-US-NP		17/248828	Notice of Allowance

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United States Of America	802430-US-PSP		62/975033	Expiry date
United States Of America	802430-US-CNT		18/188532	Publication of application
United States Of America	802431-US-NP		16/825664	Abandoned
United States Of America	802432-US-NP		16/584293	Notice of Allowance
United States Of America	802433-US-NP		16/825714	Publication of application
United States Of America	802434-US-CNT		18/173838	Filing
United States Of America	802434-US-NP		17/302173	Notice of Allowance
United States Of America	802434-US-PSP		63/016137	Expiry date
International Procedure	802435-WO-PCT		PCT/US18/064764	Abandoned
United States Of America	802435-US-NP	10949303	16/215178	Grant
United States Of America	802435-US-PSP		62/597185	Expiry date
International Procedure	802436-WO-PCT		PCT/US20/024507	Abandoned
United States Of America	802436-US-NP	11477120	16/828778	Grant
United States Of America	802436-US-PSP		62/823306	Expiry date
United States Of America	802442-US-NP		17/463210	Publication of application
United States Of America	802443-US-NP		17/457230	Filing
India	802444-IN-PSP		202241033908	Filing

Country	Case reference	Grant Number	Filing Number	Status
International Procedure	802444-WO-PCT		PCT/US23/068250	Filing
United States Of America	802444-US-NP		18/332461	Filing
United States Of America	802445-US-NP		18/335794	Filing
United States Of America	802445-US-PSP		63/490862	Filing