506764390 07/13/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICROSOFT CORPORATION	07/13/2021

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17374900

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NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	07/13/2021

Total Attachments: 3

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PATENT 506764390 REEL: 056843 FRAME: 0982

DEED OF ASSIGNMENT OF PATENTS AND APPLICATIONS

This Deed of Assignment of Patents and Applications ("ASSIGNMENT") is entered into by Microsoft Corporation, a Washington corporation having its principal place of business at One Microsoft Way, Redmond, Washington, USA (98052) ("ASSIGNOR"), in respect of an assignment of rights to Microsoft Technology Licensing, LLC ("ASSIGNEE").

RECITALS

a) The ASSIGNOR owns certain intellectual property rights ("IPR") and wishes to assign them to the ASSIGNEE, and the ASSIGNEE wishes to have those rights so assigned to it.

TERMS OF ASSIGNMENT

Now, therefore, for good and valuable consideration of ten British Pounds Sterling (£10), the receipt and sufficiency of which are hereby acknowledged,

ASSIGNOR hereby sells, assigns, transfers, and conveys to ASSIGNEE.

all right, title and interest ASSIGNOR has in and to the proposed patent applications PATENT A and PATENT B listed in TABLE 1 below and copied in Exhibit A and the IPR as claimed therein or described as embodiments therein, (the "PATENTS" and "INVENTION(s)" therein) attached hereto, including the right to claim priority to EARLIER APPLICATION(S), 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 in respect of the INVENTIONS, and to have patents issued in the name of ASSIGNEE.

TABLE 1

PATENT A	"Streaming Data to Multi-Tile Processing System", MS Docket No. 409389-US-NP
EARUER APPLICATION 1 IN RESPECT OF PATENT A	UK Patent Application GB2010816.3 entitled "Hardware autoloader" filed on 14 July 2020
EARUER APPLICATION 2 IN RESPECT OF PATENT A	UK Patent Application GB2010823.9 entitled "System and method for reading and writing encrypted data" filed on 14 July 2020
PATENT B	MEASURED RESTART OF MICROCONTROLLERS, MS Docket No. 409388- GB-NP

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PATENT REEL: 056843 FRAME: 0983 NOTE: if "EARLIER APPLICATION" (as referenced above and defined below) is not populated in TABLE 1, then the parties agree that there is no EARLIER APPLICATION applicable to which to claim priority notwithstanding terms relating to the same in this ASSIGNMENT.

For the avoidance of doubt, the assignment of rights to the INVENTION(s) and rights in the PATENTS includes the right to claim priority from EARLIER APPLICATION 1 and EARLIER APPLICATION 2 listed above (together "EARLIER APPLICATIONS"), where the right to claim those priorities is only in respect of the material in the EARLIER APPLICATIONS which provides support for the INVENTION(s), such that the ASSIGNEE is able to file one or more patent applications anywhere in the world in respect of the INVENTIONS with a claim to priority to the EARLIER APPLICATIONS achieved via at least the rights hereby assigned. As further clarification, the right to claim priority in respect of the material in the EARLIER APPLICATIONS is limited to the INVENTION(s).

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 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 in respect of the INVENTION(s) and related applications; provided and for the avoidance of doubt, the assignment contemplated under this ASSIGNMENT does not include the assignment of any rights to make any new claims other than to the INVENTION(s).

Upon said consideration and pursuant to the terms stated in this ASSIGNMENT, ASSIGNOR conveys to the ASSIGNEE the right to make application in its own behalf on 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.

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This Assignment shall be governed in accordance with the laws England and Wales. It is executed and delivered on the date of signature below:

Signed as a deed on behalf of Microsoft Corporation, by person(s) who, in accordance with the laws of the territory of its incorporation, is/are acting under the authority of the company

Date of signature

Isabella Fu

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