## 506932615 10/20/2021

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6979452

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICROSOFT ISRAEL RESEARCH AND DEVELOPMENT (2002) LTD	09/30/2021

#### **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:	14389527

#### **CORRESPONDENCE DATA**

**Fax Number:** (801)328-1707

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:** 8015339800

**Email:** docketing@wnlaw.com,jescamilla@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER

Address Line 1: 60 E. SOUTH TEMPLE, SUITE 1000 Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.2937A.3
NAME OF SUBMITTER:	JENS C. JENKINS
SIGNATURE:	/Jens C. Jenkins/
DATE SIGNED:	10/20/2021

#### **Total Attachments: 4**

source=MSIRnD2002 to MS#page1.tif source=MSIRnD2002 to MS#page2.tif source=MSIRnD2002 to MS#page3.tif source=MSIRnD2002 to MS#page4.tif

PATENT 506932615 REEL: 057851 FRAME: 0109

# ASSIGNMENT OF PATENTS AND APPLICATIONS

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

MICROSOFT ISRAEL RESEARCH AND DEVELOPMENT (2002) LTD, organized under the laws of Israel and having an office and place of business at Haifa R&D Center Microsoft – Haifa R&D Center Building No. 25, Matam Haifa 3190501, ISRAEL ("ASSIGNOR"),

hereby sells, assigns, transfers, and conveys to

Microsoft Corporation, 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 filled 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.

1

- (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.		

9/30/21	Signature of	9	NA	for ASSIGNOR
[Date]	8enjamin Owe Development		idr, Mikrosofi	Israel Research and

I declare under penalty of perjury under the laws of the United States of America, and under the penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

10/6/21	Signature of	for ASSIGNEE.
[Date]	Isabella Fu, Assistant S	cretary, Microsoft Corporation

I declare under penalty of perjury under the laws of the United States of America, and under the penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

# EXHIBIT A

Country	Case reference	Grant Number	Grant Date	Filing Numbe	r Filing Date	Status
United	346334-US-PCT			14/389527	18 Jun 2012	Notice of
States Of America	1				10 0017 20 12	Allowance
United States Of America	346308-US-NP	9438565	06 Sep 2016	14/539980	12 Nov 2014	Grant
United States Of America	346308-US-CNT[2]	10642600	05 May 2020	16/400478	01 May 2019	Grant
United States Of America	346311-US-NP	11115417	07 Sep 2021	15/082768	28 Mar 2016	Grant
United States Of America	346308-US-CIP	10324702	18 Jun 2019	14/847469	08 Sep 2015	Grant
United States Of America	346310-US-NP	10015205	03 Jul 2018	14/804850	21 Jul 2015	Grant
United States Of America	346308-US-CNT	10091169	02 Oct 2018	14/968432	14 Dec 2015	Grant
United States Of America	346043-US-NP	9729538	08 Aug 2017	14/474198	01 Sep 2014	Grant
United States Of America	346041-US-PCT	8548998	01 Oct 2013	13/121191	13 Jan 2010	Grant
United States Of America	346335-US-CNT	10552634	04 Feb 2020	15/655694	21 Jan 2015	Grant
United States Of America	346333-US-PCT	9218500	22 Dec 2015	12/527427	26 Feb 2007	Grant
United States Of America	346337-US-PCT	10579805	03 Mar 2020	15/519914	22 Oct 2014	Grant
United States Of America	346333-US-CNT	9838432	05 Dec 2017	14/872585	26 Feb 2007	Grant
United States Of America	346335-US-PCT	10438015	08 Oct 2019	14/908611	21 Jan 2015	Grant
United States Of America	346333-US-CNT[2]	10367851	30 Jul 2019	15/824502	26 Feb 2007	Grant

-

PATENT REEL: 057851 FRAME: 0113