

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

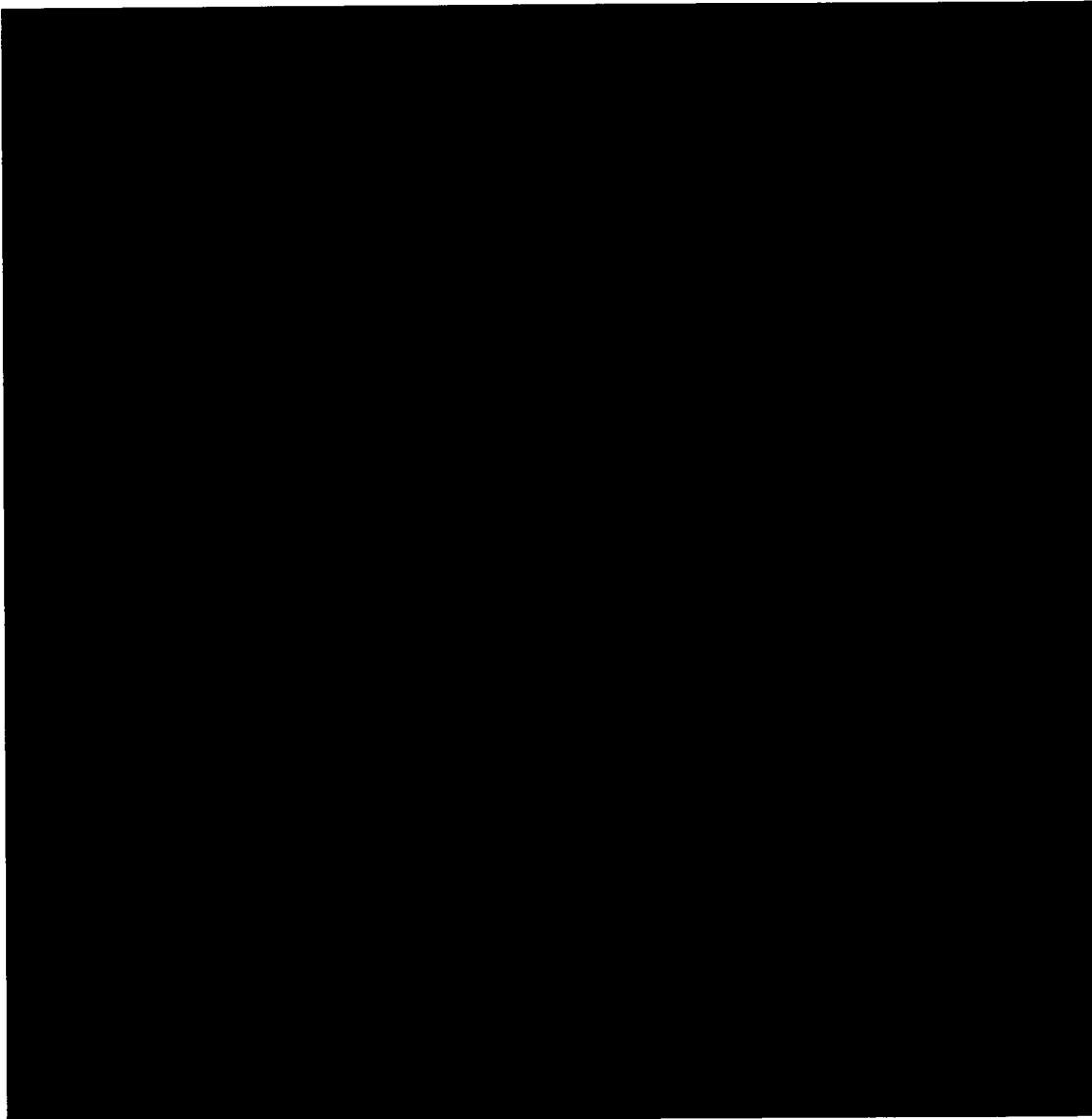
EPAS ID: PAT5273994

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BURTON J. SMITH	11/21/2005
DAVID B. TUCKERMAN	05/07/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15972675
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
<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>	
<b>Phone:</b>	503-595-5300
<b>Email:</b>	valerie.sullivan@klarquist.com
<b>Correspondent Name:</b>	MARK W. WILSON/ KLARQUIST SPARKMAN, LLP
<b>Address Line 1:</b>	121 SW SALMON ST., SUITE 1600
<b>Address Line 2:</b>	ONE WORLD TRADE CENTER
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	3382-100224-01
<b>NAME OF SUBMITTER:</b>	MARK W. WILSON
<b>SIGNATURE:</b>	/ Mark W. Wilson /
<b>DATE SIGNED:</b>	12/10/2018
<b>Total Attachments: 5</b>	
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**Microsoft Corporation Employee Agreement ("Agreement")**

As a condition of my employment with MICROSOFT CORPORATION ("MICROSOFT"), a Washington corporation, and in consideration of the compensation now and hereafter paid to me, I agree as follows:



**6. New Inventions.** I will promptly and fully disclose to MICROSOFT any and all inventions, discoveries, designs, developments, improvements and trade secrets, whether or not patentable (collectively "Inventions") that I solely or jointly may conceive, develop, reduce to practice or otherwise produce during my employment with MICROSOFT. Subject to the NOTICE below, I agree to grant and I hereby grant, transfer and assign to MICROSOFT all my rights, title and interest in and to such Inventions. I waive and quitclaim to MICROSOFT any and all claims of any nature whatsoever that I now or hereafter may have for infringement of any patent application, patent, or other intellectual property right relating to any Inventions so assigned to MICROSOFT.

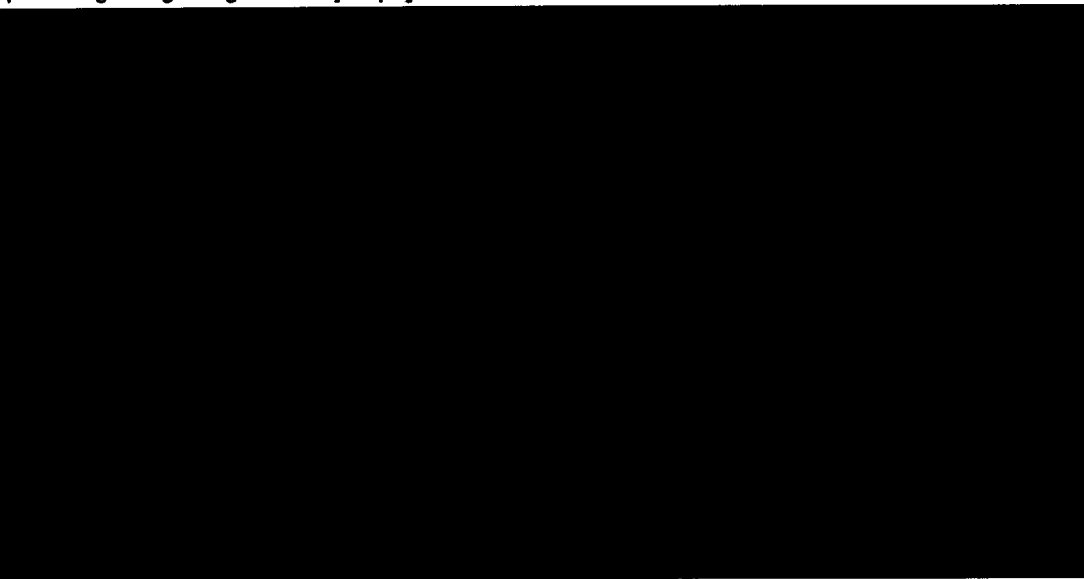
NOTICE: My obligation to assign shall not apply to any invention that:

- a) was developed solely on my own time without using any equipment, supplies, facilities, or trade secret information of MICROSOFT;
- b) does not relate (i) directly to the business of MICROSOFT or (ii) to the actual or demonstrably anticipated research or development of MICROSOFT; and
- c) does not result from any work performed by me for MICROSOFT.

I will assign and do hereby assign to MICROSOFT or its designee all my rights, title and interest in and to any and all inventions full title to which may be required to lie in the United States government by law or by any contract between MICROSOFT and the United States government or any of its agencies. In addition to the rights provided to MICROSOFT under paragraph 6 below, as to any invention complying with 5(a)-(c) above that results in any product, service or development with potential commercial application, MICROSOFT shall be given the right of first refusal to obtain exclusive rights to the invention and such product, service or development.

**6. Excluded and Licensed Inventions.** I have attached a list describing all inventions that I am currently developing and all inventions belonging to me and made by me prior to my employment with MICROSOFT that I wish to have excluded from this Agreement. If no such list is attached, I represent that there are no such inventions. As to any invention in which I have an interest at any time prior to or during my employment, if I use or incorporate such an invention in any released or unreleased MICROSOFT product, service, program, process, machine, development or work in progress, or if I permit MICROSOFT to use or incorporate such an invention, MICROSOFT is hereby granted and shall have an irrevocable, perpetual, royalty-free, worldwide license to exercise any and all rights with respect to such invention, including without limitation the right to protect, make, have made, use and sell that invention without restriction and the right to sublicense those rights to others. This license shall be exclusive, subject to any preexisting non-exclusive licenses or other pre-existing rights not subject to my control.

**7. Documentation of Intellectual Property Rights.** I agree to execute, acknowledge, verify and deliver to MICROSOFT, or cause the same to be accomplished, any and all further documents (including without limitation patent applications, certificates of authorship, and other instruments appropriate for the protection and enforcement of intellectual property rights throughout the world) that MICROSOFT may reasonably deem necessary or appropriate to carry out, evidence or effectuate the purposes or intent of this Agreement. My obligations under this paragraph 7 will apply both during and indefinitely after the term of employment. If for any reason whatsoever I fail to execute, acknowledge, verify or deliver any such document reasonably requested by MICROSOFT, I hereby irrevocably appoint MICROSOFT and its duly authorized officers and agents as my agent and attorney in fact, to act in my stead to execute, acknowledge, verify and deliver any such document (as applicable) with the same legal force and effect as if done by me. In furtherance of this Agreement, I will testify at MICROSOFT's request and expense in any legal proceeding arising during or after my employment.





**15. General.** I agree that this Agreement shall be governed for all purposes by the laws of the State of Washington as such laws apply to contracts performed within Washington by its residents and that exclusive venue and exclusive personal jurisdiction for any action arising out of this Agreement shall lie in state or federal court located in King County, Washington. If any provision of this Agreement is deemed to be excessively broad, that provision shall be narrowed to the extent necessary to make it enforceable and then enforced to the maximum extent permissible by law. If any provision of this Agreement is determined to be void and cannot be saved by a narrowing construction, that provision shall be severed from this Agreement and the other provisions shall remain in full force and effect. This Agreement sets forth the entire agreement of MICROSOFT and myself as to the subjects discussed herein, and it may not be modified except by a subsequent written agreement signed by me and by an officer of MICROSOFT. Paragraph headings appear as an aid to the reader and shall not be construed to limit any provision of this Agreement. The terms and conditions of this Agreement shall survive termination of my employment. I understand that this Agreement is important, and I have had adequate time to read it before signing.

HAVING READ AND FULLY UNDERSTOOD THIS AGREEMENT, a copy of which has been provided to me, I sign my name this 21st day of November (month), 2005.



Signature

BURTON J. SMITH

Name (Print)

Signature

Name (Print)

List of Inventions attached: ☐ Yes ☒ No

## PATENT ASSIGNMENT

I, David B. Tuckerman ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "REDUCING LOSSES IN SUPERCONDUCTING CABLES" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 05/07/18, and given Application No. 15/972,675 by the following Office: United States Patent and Trademark Office) this APPLICATION's Application No. filing date, and Office, when known;

☐ was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office "United States Patent and Trademark Office";

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

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).

<u>David B. Tuckerman</u>	<u>5-7-2018</u>
Inventor's Signature	Date
<u>David B. Tuckerman</u>	
Printed Name in English	Printed Name in Native Language (if other than English)