507554541 10/20/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7601430

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| MAJID ANARAKI NEMATI | 10/06/2022 |
| ANTHONY DWAYNE WEATHERS | 10/10/2022 |

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: | 17848774 |

CORRESPONDENCE DATA

Fax Number: (801)532-7543

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: 8015321500

Email: mspatent@rqn.com, usdocket1@microsoft.com
Correspondent Name: RAY QUINNEY & NEBEKER - MICROSOFT

Address Line 1: 36 SOUTH STATE STREET

Address Line 2: SUITE 1400

Address Line 4: SALT LAKE CITY, UTAH 84111

| ATTORNEY DOCKET NUMBER: | 411716-US-NP |
|-------------------------|-------------------------------|
| NAME OF SUBMITTER: | PAUL N. TAYLOR |
| SIGNATURE: | /Paul N. Taylor, Reg.# 57271/ |
| DATE SIGNED: | 10/20/2022 |

Total Attachments: 4

source=411716-US-NP_2022-10-20_Assignments#page1.tif source=411716-US-NP_2022-10-20_Assignments#page2.tif source=411716-US-NP_2022-10-20_Assignments#page3.tif source=411716-US-NP_2022-10-20_Assignments#page4.tif

PATENT 507554541 REEL: 061485 FRAME: 0089

| PATENT ASSIGNMENT | MS De | ocket No.: <u>411716-US-NP</u> |
|--|--|---|
| I <u>Majid Anaraki NEMATI</u> ("A inventor of subject matter ("I application entitled " <u>ENCODING</u> which: | NVENTION") disclosed a | |
| ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Office | ASSIGNOR hereby author epresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application to US – United States Patent Application No., filing of | Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby and Trademark Office) |
| | <u>4, 2022</u> and was given Ap following Office " <u>US – Un</u> | |
| Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and | and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh | terest, including the right of ther applications and patents ole or in part, in and for the |
| ASSIGNOR hereby authorize | zes, and requests, ASSIGN | EE'S LEGAL REPRESENTATIVES |
| to insert the Application No., fi | • | the following table for any |
| APPLICATION DERIVATIVES after Application No. | Filing Date | Office |
| Application No. | Timy Date | Office |
| | | |
| | | *************************************** |
| | | |
| | | |

| PATENT ASSIGNMENT | MS Docket No.: | 411716-US-NP |
|-------------------|----------------|--------------|
| | | |

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).

| Inventor's Signature Majid Anaraki NEMATI | |
|--|---------------------------------|
| | Printed Name in Native Language |

| FATENT ASSIGNMENT | MIS DOCKET NO.: | 411/10-US-NP |
|---|--------------------|---------------------|
| I Anthony Dwayne WEATHERS ("ASSIGNOR") am | the original inver | ntor or an original |
| joint inventor of subject matter ("INVENTION") disc | losed and/or cla | imed in a patent |
| application entitled "ENCODING SYSTEM DATA IN F | PARITY SYMBOLS" | ("APPLICATION"), |

which:

| will k | oe - | filed. | ASSIGNO | R he | reby | autho | orize | s. and | rea | uests. |
|--------|------|----------|--------------------|-------|--------|---------------|-------|---------|--------|---------|
| | | | represent | | - | | | | - | |
| | | _ | ft Way, Red | | | | | | | |
| LEGAL | . RI | EPRESEN | TATIVES), | to i | nsert | here | in | parenth | eses | (filed |
| on | | | and <u>c</u> | given | Appli | cation | No. | | | by |
| the fo | llow | ing Offi | ce <u>US – Uni</u> | ted S | tates | <u>Patent</u> | and | Tradem | iark C | Office) |
| this A | PPL | ICATION | l's Applica | tion | No., 1 | filing (| date, | and Of | fice, | when |
| knowr | 1; | | | | | | | | | |

was filed on June 24, 2022 and was given Application No 17/848,774 by the following Office "US – 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 | |
|-----------------|-------------|--------|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Page 1 of 2

| PATENT ASSIGNMENT | MS Docket No.: | 411716-US-NP | | |
|-------------------|----------------|--------------|--|--|
| | | | | |
| | | | | |

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).

| ah Dwane Weath Inventor's Signature | 10/10/2022 Date |
|--|---|
| Anthony Dwayne WEATHERS Printed Name in English | Printed Name in Native Language (if other than English) |