

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7463745

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the INCORRECTLY RECORDED APPLICATION NO. 11/694,546 AND TO CORRECT THE ZIP CODE IN THE ASSIGNEE ADDRESS previously recorded on Reel 060499 Frame 0131. Assignor(s) hereby confirms the ASSIGNMENT. | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | VIVIAL MOBILE LLC | 07/13/2022 |
| RECEIVING PARTY DATA | | |
| Name: | THRYV INC. | |
| Street Address: | 2200 W. AIRFIELD DRIVE | |
| City: | DFW AIRPORT | |
| State/Country: | TEXAS | |
| Postal Code: | 75261 | |
| PROPERTY NUMBERS Total: 14 | | |
| Property Type | Number | |
| Application Number: | 62063245 | |
| Application Number: | 14882321 | |
| Application Number: | 15785672 | |
| Application Number: | 16856879 | |
| Application Number: | 17559018 | |
| Application Number: | 60762914 | |
| Application Number: | 60763026 | |
| Application Number: | 60862208 | |
| Application Number: | 11627967 | |
| Application Number: | 13276540 | |
| Application Number: | 13833688 | |
| Application Number: | 14600610 | |
| Application Number: | 11975741 | |
| Application Number: | 61547234 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | (720)536-4910 | |
| <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> | | |

PATENT

Phone: 7205364900
Email: shannon@nodiplay.com
Correspondent Name: NEUGEBOREN O'DOWD PC
Address Line 1: 726 FRONT STREET
Address Line 2: SUITE 220
Address Line 4: LOUISVILLE, COLORADO 80027

| | |
|--------------------------------|-----------|
| ATTORNEY DOCKET NUMBER: | 2215.1000 |
|--------------------------------|-----------|

| | |
|---------------------------|----------------|
| NAME OF SUBMITTER: | SHANE PERCIVAL |
|---------------------------|----------------|

| | |
|-------------------|------------------|
| SIGNATURE: | /Shane Percival/ |
|-------------------|------------------|

| | |
|---------------------|------------|
| DATE SIGNED: | 08/02/2022 |
|---------------------|------------|

Total Attachments: 3

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PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Assignment") dated July 13, 2022, is made by **Thryv Inc.** a Delaware Corporation of 2200 W. Airfield Drive, DFW Airport, TX 75261, US ("Assignee"), and **Vivial Mobile LLC** a Delaware Limited Liability Company of 3100 Research Blvd., Suite 250, Dayton, OH 45420, US ("Assignor").

Assignor is the owner of all right, title and interest in the patents and patent applications identified in Exhibit A, hereinafter the "Intellectual Property".

Pursuant to the prior Agreement between Assignor and Assignee, Assignee desires to own Assignor's entire right, title and interest in the Intellectual Property identified in Exhibit A.

NOW, THEREFORE, in consideration of the foregoing and for the other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged;

Assignor hereby irrevocably transfers and assigns to Assignee, all of Assignor's worldwide right, title to and interest in the Intellectual Property, and any and all related patents and patent applications, and all income, royalties, fees, damages, and payments now or hereafter due or payable with respect thereto, and all rights of actions, powers and benefit due or accrued, and including the right to sue for and recover in the Assignee's own name and that of its successors and assigns and other legal representatives all remedies of every nature, including without limitation rights to injunctive relief, damages, profits, royalties, costs and attorney fees, arising out of any infringement, or injury to the related goodwill, occurring prior to or after the date of this Assignment.

Assignor agrees that, upon request and without further compensation, Assignor and Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of truthful testimony, that may be necessary or reasonably requested by Assignee for obtaining, sustaining, maintaining, renewing or enforcing the Intellectual Property, and for perfecting, recording, or maintaining the title of Assignee, and Assignee's successors and assigns, in and to the Intellectual Property. In the event that Assignee is unable after reasonable attempt to secure Assignor's signature to any document in connection with the foregoing, Assignor hereby appoints Assignee as the Assignor's true and lawful attorney in fact, with full power of substitution of the Assignor, to take any and all steps, including proceedings at law, in equity or otherwise, to execute, acknowledge and deliver any and all instruments and assurances necessary or expedient in order to vest or perfect the aforesaid rights and causes of action more effectively in Assignee or to protect the same or to enforce any claim or right of any kind with respect thereto.

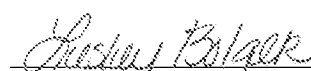
Assignor: Vivial Mobile LLC

Assignee: Thryv Inc.

Name: KJ Christopher

Name: Lesley Bolger


(Signature)


(Signature)

Date: July 13, 2022

Date: July 13, 2022

Exhibit A

| Case Number | Title Of Mark | Status | Filing Date | Patent Or Registration Number | Date Issued Or Abandoned | Country Or State | Application Serial Number |
|--------------------------|--|--------------------|----------------------|-------------------------------|--------------------------|------------------|---------------------------|
| 1551.100.01EP | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Pending | 2/16/2017 | | | EPO | 15850832.5 |
| 1551.100.01HK | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Pending | 2/14/2018 | | | Hong Kong | 18102376.0 |
| 4550.100.00CA | ENCODING AND DECODING DATA IN AN IMAGE | Abandoned | 1/27/2007 | | | Canada | 2640153 |
| 4550.100.00CH | ENCODING AND DECODING DATA IN AN IMAGE | Issued | | 1982290 | 10/23/2013 | Switzerland | 1982290 |
| 4550.100.00DE | ENCODING AND DECODING DATA IN AN IMAGE | Granted | 10/25/2013 | 60 2007 033 466.7 | | Germany | 60 2007 033 466.7 |
| 4550.100.00EP | ENCODING AND DECODING DATA IN AN IMAGE | Issued | 1/27/2011 | 1982290 | 10/23/2013 | EPO | 07762657.0 |
| 4550.100.00FR | ENCODING AND DECODING DATA IN AN IMAGE | Issued | | 1982290 | 10/13/2013 | EPO | 1982290 |
| 4550.100.00GB | ENCODING AND DECODING DATA IN AN IMAGE | Issued | | 1982290 | 10/13/2013 | United Kingdom | 1982290 |
| 1551.100.01US | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Converted | 10/13/2014 | | | US | 62/063,245 |
| 1551.100.01US | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Issued | 10/13/2015 | 9,825,947 | 11/21/2017 | US | 14/882,321 |
| 1551.100.02US | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Issued | 10/17/2017 | 10,673,849 | 6/2/2020 | US | 15/785,672 |
| 1551.100.03US | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Issued | 4/23/2020 | 11,245,695 | 2/8/2022 | US | 16/856,679 |
| 1551.100.04US | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Pending | 12/22/2021 | | | US | 17/559,018 |
| 1551.100.00US | ENCODING AND DECODING DATA IN AN IMAGE | Expired | 2/30/2007 | 17,062,093 | 6/4/2011 | US | 11/604546 |
| 4550.001.00US | ENCODING AND DECODING DATA IN AN IMAGE | Converted | 1/27/2006 | | | US | 60/762,914 |
| 4550.002.00US | IMAGES AND METHODS FOR PRODUCT OR SERVICE MARKETING | Converted | 1/27/2006 | | | US | 60/763,026 |
| 4550.003.00US | ENCODING AND DECODING DATA INTO AN IMAGE USING IDENTIFIABLE MARKS AND ENCODED ELEMENTS | Converted | 10/19/2006 | | | US | 60/862,208 |
| 4550.100.00US | ENCODING AND DECODING DATA IN AN IMAGE | Issued | 1/27/2007 | 8,094,870 | 11/10/2012 | US | 11/627967 |
| 4550.100.01US | ENCODING AND DECODING DATA IN AN IMAGE FOR SOCIAL NETWORKING COMMUNICATION | Issued | 10/19/2011 | 8,462,986 | 6/11/2013 | US | 13/276,540 |
| 4550.100.02US | MARKETING CAMPAIGN PLATFORM | Issued | 3/15/2013 | 8,971,566 | 3/3/2015 | US | 13/833,688 |
| 4550.100.03US | IDENTIFICATION AND PURCHASING PLATFORM | Issued | 1/20/2015 | 9,336,474 | 5/10/2016 | US | 14/600,610 |
| 4550.101.00US | ENCODING AND DECODING DATA INTO AN IMAGE USING IDENTIFIABLE MARKS AND ENCODED ELEMENTS | Issued | 10/19/2007 | 8,194,914 | 6/5/2012 | US | 11/975,741 |
| 4550.102.00US | SOCIAL PLATFORM FOR ENCODING AND DECODING DATA INTO AN IMAGE | Abandoned | 10/14/2011 | | | US | 61/547234 |
| 1551.100.01WO | SECURE TWO-WAY AUTHENTICATION USING ENCODED MOBILE IMAGE | Done | 10/13/2015 | | | PCT | PCT/US15/55384 |

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7430473

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| VIVIAL MOBILE LLC | | 07/13/2022 |
| RECEIVING PARTY DATA | | |
| Name: | THRYV INC. | |
| Street Address: | 2200 W. AIRFIELD DRIVE | |
| City: | DFW AIRPORT | |
| State/Country: | TEXAS | |
| Postal Code: | 19810 | |
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| Application Number: | 62063245 | |
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| Application Number: | 16856879 | |
| Application Number: | 17559018 | |
| Application Number: | 11694546 | |
| Application Number: | 60762914 | |
| Application Number: | 60763026 | |
| Application Number: | 60862208 | |
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