PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| James Roberge | 05/24/2010 |
| Jeffrey Soble | 06/20/2010 |

RECEIVING PARTY DATA

| Name: | Cyberpulse, L.L.C. |
|-----------------|--------------------|
| Street Address: | 215 Lakeside Place |
| City: | Highland Park |
| State/Country: | ILLINOIS |
| Postal Code: | 60035 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13436026 |

CORRESPONDENCE DATA

Fax Number: 3126730361

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3126730360

Email: docket@vciplaw.com
Correspondent Name: Charles C. Valauskas
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Address Line 2: Suite 620

Address Line 4: Chicago, ILLINOIS 60606-1606

| ATTORNEY DOCKET NUMBER: | 7844/24 |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | Charles C. Valauskas |
| Signature: | /CCV/ |
| Date: | 07/08/2013 |
| | PATENT |

502410703 REEL: 030751 FRAME: 0269

OP \$40.00 1343602

| | This document serves as an Oath/Declaration (37 CFR 1.63). |
|--|--|
| Total Attachments: 2 source=00077691#page1.tif source=00077691#page2.tif | |

PATENT REEL: 030751 FRAME: 0270

ASSIGNMENT OF PATENT APPLICATION

We, the undersigned (each) in consideration of the sum of One Dollar (\$1.00) to us each in hand paid by the Assignee and other good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto Cyberpulse, L.L.C., a corporation organized under the laws of Illinois and having an address of 215 Lakeside Place; Highland Park, Illinois 60035, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to System and Methods for Matching an Utterance to a Template Hierarchy described in an application for Letters Patent of the United States, identified as Attorney Docket No. 7844/14 for a full description of which reference is here made to the application for Letters Patent of the United States filed on April 26, 2010, identified as U.S. Serial No. 12/767,239 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

| IN WITNESS WHEREOF, We have | ve hereunto signed our names on th | e day and year set forth below | l. |
|-----------------------------|------------------------------------|--|----|
| Sun y - | 5/24/20 | 10 | |
| James Roberge | Date | ······································ | |
| | | | |
| 3 | | | |
| Jeffrey Soble | Date | | |

PATENT REEL: 030751 FRAME: 0271

ASSIGNMENT OF PATENT APPLICATION

We, the undersigned (each) in consideration of the sum of One Dollar (\$1.00) to us each in hand paid by the Assignee and other good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto Cyberpulse, L.L.C., a corporation organized under the laws of Illinois and having an address of 215 Lakeside Place; Highland Park, Illinois 60035, as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to System and Methods for Matching an Ulterance to a Template Hierarchy described in an application for Letters Patent of the United States, identified as Attorney Docket No. 7844/14 for a full description of which reference is here made to the application for Letters Patent of the United States filed on April 26, 2010, identified as U.S. Serial No. 12/767,239 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexeminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

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We covenant with said Assignee, its successors, assigns and logal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

| James Roberge | Date |
|---------------|-----------|
| Jeffey Lews | 6/26/2018 |

PATENT REEL: 030751 FRAME: 0272

RECORDED: 07/08/2013