| To the Director of the U.S. Patent al. | 103300 | documents or the new address(es) be |
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| 1. Name of conveying party(ies): | | 2. Name and address of receiving party(ies) |
| Paul Andrew Skelly (08/24/06) | | Name: Verizon Laboratories Inc. |
| | | Internal Address: |
| Additional name(s) of conveying party(ies) attached? | Yes X No | Street Address: |
| 3. Nature of conveyance/Execution Date | (s): | <u> </u> |
| Execution Date(s): in parentheses after in | ventor name | 40 Sylvan Road |
| | ange of Name | |
| | | W-M |
| | | City: Waltham |
| Government Interest Assignment | | State: Massachusetts |
| Executive Order 9424, Confirmatory Lic | cense | Country: United States of America Zip: 02451 |
| Other | <u> </u> | Additional name(s) & address(es) Yes X N |
| This application Addition | nal numbers attached | ? Yes X No |
| 5. Name and address to whom correspond concerning document should be mailed | dence | 6. Total number of applications and patents involved: |
| Name: Verizon Legal Department | • | parente interest. |
| Patent Management Group | | |
| r atent management Oroup | | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address: Atty. Dkt.: 05-8024 | | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card |
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| Internal Address: Atty. Dkt.: 05-8024 Street Address: 1515 Courthouse Roa Suite 500 City: Arlington State: VA Zig Phone Number: (703) 351- | o: <u>22201</u> 3586 | Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date |
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| Internal Address: Atty. Dkt.: 05-8024 Street Address: 1515 Courthouse Roa Suite 500 City: Arlington State: VA Zip Phone Number: (703) 351- Fax Number: (703) 351-3 Email Address: david.oneill@v | o: <u>22201</u> 3586 3665 | Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affection 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-0013 |
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PATENT REEL: 018245 FRAME: 0655

Verizon Invention Assignment for Verizon Reference No.: 05-8024 Page 1 of 1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

MEASUREMENT OF VIDEO QUALITY AT CUSTOMER PREMISES

| • |
|--|
| Which has been executed by the undersigned concurrently herewith, and in which case I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number, filed) the filing date and application number of said application when known. |
| which was filed on and assigned Application No. |
| and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industria Property to any of the foregoing; |
| II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and lega representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and |
| III. covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and property herein identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. |
| IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below: |
| Verizon entity (Assignee): Verizon Laboratories Inc., having a place of business at 40 Sylvan Road, Waltham Massachusetts 02451. |
| ASSIGNORS: Signature: Date: 8/24/2506 Paul Andrew Skelly |

RECORDED: 08/25/2006

PATENT

REEL: 018245 FRAME: 0656