

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                         |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                             |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                  |
| DAL N. HILLS  | 01/30/2015                             |
| KASON HILLS   | 01/30/2015                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | ARRIS TECHNOLOGIES, LLC                |
| <b>Street Address:</b>  | 14165 U.S. HIGHWAY 189-191             |
| <b>City:</b>  | BONDURANT                              |
| <b>State/Country:</b>   | WYOMING                                |
| <b>Postal Code:</b>   | 82922                                  |
| <b>PROPERTY NUMBERS Total: 2</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 14600995                               |
| <b>PCT Number:</b>  | US2015012084                           |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (801)375-3865                          |
| <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>   | 8013756600                             |
| <b>Email:</b>   | ipmail@djplaw.com                      |
| <b>Correspondent Name:</b>  | BRICK G. POWER                         |
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| <b>Address Line 4:</b>  | LEHI, UTAH 84043                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 27408-3003USU1/WOU1                    |
| <b>NAME OF SUBMITTER:</b>   | BRICK G. POWER                         |
| <b>SIGNATURE:</b>   | /brick g power/                        |
| <b>DATE SIGNED:</b>   | 02/02/2015                             |
| <b>Total Attachments: 2</b>   |  |
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| source=2015-2-02-Assignment-27408-3003USU1_WOU1#page2.tif   |  |

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Arris Technologies, LLC, a Wyoming limited liability company having a place of business at 14165 U.S. Highway 189-191, Bondurant, Wyoming 82922, United States of America (ASSIGNEE), the ASSIGNOR's entire rights, titles and interests for the United States and all other jurisdictions in and to (i) U.S. Patent Application No. 14/600,995, filed on January 20, 2015 and titled USE OF HARDENERS/DENSIFIERS IN CUTTING OR OTHERWISE REMOVING MATERIAL FROM INORGANIC SUBSTRATES ("the '995 U.S. Application"); (ii) International Patent Application No. PCT/US2015/012084, filed on January 20, 2015 and titled USE OF HARDENERS/DENSIFIERS IN CUTTING OR OTHERWISE REMOVING MATERIAL FROM INORGANIC SUBSTRATES ("the '084 PCT Application") (the '995 U.S. Application and the '084 PCT Application, collectively, "the Patent Applications") any and all improvements disclosed in the Patent Applications ("the Improvements"); (iii) all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all other jurisdictions relating to any of the Improvements; (iv) all original, reissued, reexamined and reviewed patents or their legal equivalents which have been or shall be issued in the United States and all other jurisdictions on the Improvements; and specifically including (v) the right to file the Related Applications for patents or their legal equivalents under the provisions of any statute, convention or treaty and claim priority based on such applications (all of the foregoing, collectively the "Intellectual Property Rights");

AUTHORIZE the ASSIGNEE to apply for and receive, in its own name, any and all patents or their legal equivalents in any jurisdiction relating to the Improvements;

AUTHORIZE AND REQUEST the issuing authority to issue any and all patents or their legal equivalents granted in any jurisdiction any of the Improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, security interest, license or other agreement or encumbrance affecting the Intellectual Property Rights, or ASSIGNEE's rights to the Intellectual Property Rights has been or will be made or entered into by the ASSIGNOR, and that ASSIGNOR possesses the full right to convey the same as herein expressed and to provide ASSIGNEE with all rights, titles and interests in and to the Intellectual Property Rights;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other applications for patents or their legal equivalents relating to any and all of the Improvements; to execute all rightful oaths, declarations, powers of attorney, assignments and other papers; to communicate to the ASSIGNEE all facts and provide to the


ASSIGNEE all documents and things known and accessible to the ASSIGNOR relating to the Intellectual Property Rights, including, but not limited to, the Improvements and the histories thereof, and to testify as to the same in any interference, derivation or review proceeding, litigation or other proceeding relating to the Intellectual Property Rights, including, but not limited to, the Improvements, the Patent Applications and the histories thereof; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to all of the Intellectual Property Rights in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for the Improvements;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of the Intellectual Property Rights, as set forth herein, is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of the ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNOR:

  
Name Dal N. Hills  
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Dated 30 JAN, 2015

  
Name Kason Hills  
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Dated 30 - JAN, 2015