### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Jeff Howe	06/26/2009
Ayham Al-Banna	06/29/2009
Erich Arnold	06/26/2009
Thomas J. Cloonan	06/26/2009

#### **RECEIVING PARTY DATA**

Name:	ARRIS
Street Address:	3871 Lakefield Drive
City:	Suwanee
State/Country:	GEORGIA
Postal Code:	30024

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12426763

### **CORRESPONDENCE DATA**

(360)294-6426 Fax Number:

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

Phone: 360-737-1748 Email: patents@fspllc.com Charles A. Mirho Correspondent Name: Address Line 1: PO Box 890

Address Line 4: Vancouver, WASHINGTON 98666-0890

FSP0548 ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER: Charles A.Mirho

**Total Attachments: 8** 

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of invention rights in the subject matter of the patent application entitled

### MULTI-SERVICE PHY BOX

Attorney Docket Number: FSP0548 Client Reference Number: 7196 Title: MULTI-SERVICE PHY BOX Application Number: 12/426,763 Filing Date: Monday, April 20, 2009 First Named Inventor: Al-Banna, Ayham

For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Jeff Howe

hereby sell, assign, and transfer to

**ARRIS** 

having a principal place of business at

3871 Lakefield Drive Suwanee, GA, 30024, USA

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent referenced above, entitled

### MULTI-SERVICE PHY BOX

having Application No. 12/426,763 ,and to the following applications that claim priority to or derive priority from the application referenced by number herein

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, national stage, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements;

and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application.

I, Jeff Howe.

further agree that ARRIS may apply for and receive a patent or patents for said inventions and improvements in its own name, and that, when requested, without charge to, but at the expense of, ARRIS, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, I will:

- 1) execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers,
- 2) communicate to ARRIS, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof, 3) generally assist ARRIS, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in ARRIS, its successors, assigns, and legal representatives,

Jeff Howe,

covenant, declare, and affirm to ARRIS, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Signature of Jeff Howe Jeff Date 6/26/09

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Ayham Al-Banna,

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Signature of Ayham Al-Banna Ayh Al-D-Date 06-29.09

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Signature of Erich Arnold Entelle Sol Date 6-26-09

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Thomas J. Cloonan,

covenant, declare, and affirm to ARRIS, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

Thomas & Clover Date 6.26-09 Signature of Thomas J. Cloonan

PATENT

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