

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3032796

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTOPH PAKULSKI	04/09/2014
ROBERT LINWOOD MYERS	04/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEAWELL NETWORKS, INC.
<b>Street Address:</b>	90 MATHESON BLVD. WEST
<b>Internal Address:</b>	SUITE 410
<b>City:</b>	MISSISSAUGA, ONTARIO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	L5R3L3
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14038008
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(678)473-8095
<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>	(678)473-8697
<b>Email:</b>	arrisdocketing@arrisi.com
<b>Correspondent Name:</b>	ARRIS GROUP, INC,
<b>Address Line 1:</b>	3871 LAKEFIELD DRIVE
<b>Address Line 4:</b>	SUWANEE, GEORGIA 30024
<b>ATTORNEY DOCKET NUMBER:</b>	24005
<b>NAME OF SUBMITTER:</b>	STEWART M. WIENER
<b>SIGNATURE:</b>	/Stewart M. Wiener/
<b>DATE SIGNED:</b>	09/22/2014
<b>Total Attachments: 4</b>	
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ASSIGNMENT / DECLARATION

WHEREAS, **PAKULSKI, Christoph**, whose full post office address is **5504 Woodchase Crescent, Mississauga, Ontario, Canada, L4Z 3T9**, and **MYERS, Robert Linwood** whose full post office address is **3149 Spring Creek Crescent, Mississauga, Ontario, Canada, L5N 4S2** (hereinafter "the Assignors") are the inventors of an invention disclosed in **United States** patent application no. **14/038,008**, filed on **September 26, 2013** entitled **SYSTEMS AND METHODS FOR SELECTIVE RETRIEVAL OF ADAPTIVE BITRATE STREAMING MEDIA**, (hereinafter "the Application");

AND WHEREAS, **SEAWELL NETWORKS INC.** whose full post office address is **90 Matheson Blvd. West - Suite 410, Mississauga, Ontario, Canada, L5R 3L3**, (hereinafter "the Assignee"), has acquired from the Assignors, their entire right, title and interest in and to the invention, in all countries of the world, including their rights to the Application, and all related applications thereon, including any and all, international, national and regional phase applications based on the Application, and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, the Assignors hereby confirm that, as of the filing date of the Application, they have assigned, and, effective as of the filing date of the Application, do hereby sell and assign, transfer and set over to the Assignee, all their right, title and interest for Canada, the United States of America, its territories, dependencies and possessions, and for all other countries in the

world, in and to the invention, including their rights to the Application, and all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignors hereby confirm that the Application was made or was authorized to be made by themselves and that they believe themselves to be the original inventors or joint inventors of a claimed invention in the Application.

The Assignors shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Application for the invention, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignors authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any of the Applications, and all related applications and patents thereon, filed by them or the Assignee, 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 them.

The Assignors authorize and empower Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this assignment.

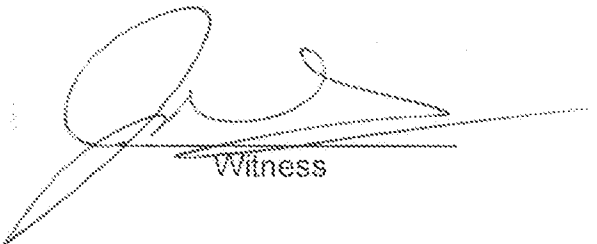
The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Application, and all related applications thereon, to the Assignee, for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

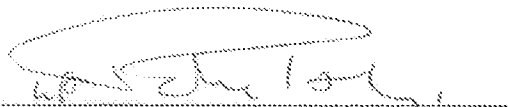
If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

The Assignor hereby acknowledges that any willful false statement made in this assignment/declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

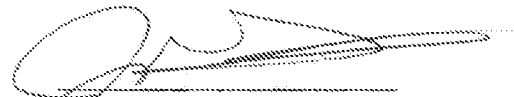
The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*

SIGNED AT Mississauga Ontario this 9<sup>th</sup> day of April 2017

  
\_\_\_\_\_  
Witness


  
\_\_\_\_\_  
PAKULSKI, Christoph

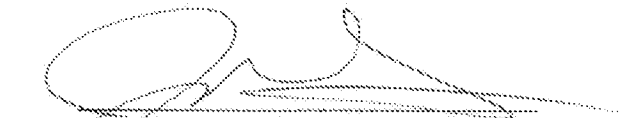
SIGNED AT Mississippi, ON this 7<sup>th</sup> day of April 2014

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
MYERS, Robert Linwood

SIGNED AT Mississippi, ON this 9<sup>th</sup> day of April 2014

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
SEAWELL NETWORKS INC.  
Name: Heidi Sequist  
Title: CFO