507007502 12/03/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7054339

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER S. WARRICK	10/03/2019

RECEIVING PARTY DATA

Name:	BULLHEAD INNOVATIONS LTD.	
Street Address:	101 DISCOVERY DRIVE SW	
City:	CALGARY	
State/Country:	CANADA	
Postal Code:	T3H 4N7	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17491668

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 403-640-7737 **Email:** info@atmac.ca

Correspondent Name: ATMAC PATENT SERVICES LTD.

Address Line 1: 1000 8TH AVENUE SW, SUITE 550

Address Line 2: ATTN:SU-FEN LI

Address Line 4: CALGARY, CANADA T2P 3M7

ATTORNEY DOCKET NUMBER:	BUL0003USA02	
NAME OF SUBMITTER:	SU-FEN LI	
SIGNATURE:	/SU-FEN LI/	
DATE SIGNED:	12/03/2021	

Total Attachments: 3

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PATENT 507007502 REEL: 058277 FRAME: 0627

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

• Peter S. Warrick; 12214 Lake Erie Rd. SE, Calgary, AB, T2J 2L8, Canada

has/have made an invention entitled MODIFYING MULTICAST DOMAIN NAME SERVICE (MDNS) RESPONSES TO CONTROL ASSIGNMENT OF DISCOVERABLE RESOURCE PROVIDING DEVICES AVAILABLE ON NETWORK ("Invention") for which one or more applications for patent, design registration, utility model registration, or other form of protection, rights, or title have been or will be made in certain countries ("Applications"), as further described below:

• United States Patent Application No. 62/901,319, Filed September 17, 2019.

AND WHEREAS, **Bullhead Innovations Ltd.** (hereinafter referred to as the "ASSIGNEE"), a company having a place of business at **101 Discovery Drive SW**, **Calgary**, **AB**, **T3H 4N7**, **Canada**, is desirous of acquiring the full and exclusive right, title and interest in and to said Invention, said Applications inclusive of all ancillary rights relating thereto, any and all priority rights derived from said Applications, and all patents, design registrations, utility model registrations and other forms of protection, rights and titles relating to said Invention, in any country or countries and in respect of the whole or any part or parts of or improvements to the Invention;

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR(S) does/do hereby confirm that ASSIGNOR(S) has/have transferred, conveyed and assigned, and by way of further assurance does/do hereby transfer, convey and assign, any and all of ASSIGNOR(S)'s respective rights, title and interest in and to: the Invention; the Applications; any further applications for patent, design registration, utility model registration or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Invention in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisionals"); the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Invention; the right in and to any patent or reissue patent relating to the Applications, Further Applications and Divisionals ("Grants"); and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Invention, Applications, Grants, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this Worldwide Assignment; with the intent that the Invention, Applications, Grants, Further Applications, Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

WORLDWIDE ASSIGNMENT - Page 1 of 3

PATENT REEL: 058277 FRAME: 0628 ASSIGNOR(S) does/do hereby agree, upon request, to provide assistance and to execute any and all further documents, at the expense of ASSIGNEE and/or its successors and assigns (as applicable), which may be necessary or desirable to enable ASSIGNEE, and/or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Invention, Applications, Further Applications, Divisionals, Grants and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR(S) further agrees/agree to execute, upon request and at the expense of ASSIGNEE and/or its successors and assigns (as applicable), any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

ASSIGNOR(S) does/do hereby authorize and request The Commissioner of Patents or any equivalent authority to issue to ASSIGNEE each and every patent, registration and other form of protection, right, and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS WORLDWIDE ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns, and shall be binding upon ASSIGNOR(S) and their successors and permitted assigns.

DELIVERY of this Worldwide Assignment by copy, however transmitted, constitutes valid and effective delivery. This Worldwide Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

WORLDWIDE ASSIGNMENT - Page 2 of 3

PATENT REEL: 058277 FRAME: 0629 IN WITNESS WHEREOF, this Worldwide Assignment has been executed below by the undersigned:

Date: 043, 2019

Peter S. Warrick 12214 Lake Erie Rd. SE Calgary, AB, T2J 2L8, Canada

STATEMENT BY WITNESS

I, KOT FINCHAM, whose full Post Office address is

(Name of Witness)

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be a person named in the Worldwide Assignment, duly sign and execute same.

Date: Oct /3 /2019

(Signature of Witness)

WORLDWIDE ASSIGNMENT - Page 3 of 3

PATENT REEL: 058277 FRAME: 0630

RECORDED: 12/03/2021