

## 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>
TOPSIDE RESEARCH, LLC	03/17/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNET MACHINES MC LLC
<b>Street Address:</b>	208 N. GREEN STREET, SUITE 300
<b>City:</b>	LONGVIEW
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<b>Postal Code:</b>	75601
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15010343
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<b>SIGNATURE:</b>	/Matthew R. Ellsworth/
<b>DATE SIGNED:</b>	05/15/2018
<b>Total Attachments: 1</b>	
source=(3) Topside Research, LLC to Internet Machines MC, LLC#page2.tif	

**ASSIGNMENT OF PATENTS**

For one dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Topside Research, LLC, a Virginia limited liability company ("Topside") does hereby sell, assign, transfer, and convey unto Internet Machines MC LLC, a Texas limited liability company ("Internet Machines") all right, title and interest in and to the following (collectively, the "Patent Rights"):

(a) the U.S. patents and patent applications listed in the table below (the "Patent Rights");

<b>Patent No and Application No.</b>	<b>Issue Date and Filing Date</b>	<b>Title</b>
10/033,328 (abandoned)	11-2-2001	Multicasting method and switch
60/534,586 (expired)	1-5-2004	PCI Express Switch with Broadcast and/or Multicast Capability
7,539,190 10/778,857	5-26-2009 2-13-2004	Multicasting in a Shared Address Space
12/468,198	5/19/2009	Multicasting Computer Bus Switch

(b) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing category (a);

(c) foreign patents, patent applications and counterparts relating to any item in any of the foregoing categories (a) and (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(d) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, the Patent Rights and/or the rights described in (b) and (c), including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind, for past, current and future infringement; and

(e) all rights to collect royalties or other payments under or on account of the Patent Rights and/or any of the foregoing (b) through (d).

Topside hereby represents and warrants that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Denver, CO on March 17, 2011.

**Topside Research, LLC**

**Internet Machines MC LLC**

Francis P. Knuettel, II, Manager

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