

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4292767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN F. AKYILDIZ	04/27/2016
SHIH-CHUN LIN	04/27/2016
RECEIVING PARTY DATA	
Name:	TRUVA INC.
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City:	ALPHARETTA
State/Country:	GEORGIA
Postal Code:	30022
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62265096
Application Number:	15370740
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NAME OF SUBMITTER:	PEGGY C. HARRIS
SIGNATURE:	/Peggy C. Harris/
DATE SIGNED:	02/27/2017
Total Attachments: 3	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, IAN F. AKYILDIZ and SHIH-CHUN LIN, each individually assign to TRUVA INC., a corporation formed under the laws of Georgia and having a principal place of business at 525 St. Regis Dr., Alpharetta, GA 30022, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "ENVIRONMENT-AWARE CROSS-LAYER COMMUNICATION PROTOCOL IN UNDERGROUND OIL RESERVOIRS," and was filed in the United States Patent and Trademark Office on December 9, 2015, as application 62/265,096 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Ian F. Akyildiz

Date: Apr. 27, 2016.

Witnessed by:

Signature: SHUAI NIE

Date: 04/27/2016

Print Name: SHUAI NIE

Signature: Bige Deniz Unluturk

Date: 04/27/2016

Print Name: Bige Deniz Unluturk

Shih-Chun Lin
Shih-Chun Lin

Date: 4/27/2016

Witnessed by:

Signature: [Signature]

Date: 04/27/2016

Print Name: SHUAI NIE

Signature: [Signature]

Date: 04/27/2016

Print Name: Bige Deniz Unluturk

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