# 503899634 07/01/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY	DATA		
	Name		Execution Date
DUNTI LLC			06/30/2016
Street Address:	911 NW LOOP 281		
RECEIVING PARTY	DUNTI NETWORK TECHNOLOGIES, LLC		
Sireel Address.			
		4 4 4	
Internal Address:	SUITE 21		
	SUITE 21		
Internal Address:			

Property Type	Number
Patent Number:	6643286
Patent Number:	6788701
Patent Number:	7778259
Patent Number:	6654346
Patent Number:	6754214
Patent Number:	6912196
Patent Number:	6587462
Patent Number:	6804235
Patent Number:	7970929
Patent Number:	8458453

# CORRESPONDENCE DATA

Fax Number:	(512)717-4495			
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:	5127174485			
Email:	molavi@olavidunne.com			
Correspondent Name:	MATT OLAVI			
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Address Line 2:	1620			
Address Line 4:	AUSTIN, TEXAS 78701			

NAME OF SUBMITTER:	MATT OLAVI
SIGNATURE:	/Matt Olavi/
DATE SIGNED:	07/01/2016
Total Attachments: 20	
source=Patent Assignment 196#page1.t	if
source=Patent Assignment 196#page2.t	if
source=Patent Assignment 214#page1.t	if
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source=Patent Assignment 235#page1.t	if
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source=Patent Assignment 286#page1.t	if
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source=Patent Assignment 346#page1.t	if
source=Patent Assignment 346#page2.t	if
source=Patent Assignment 453#page1.t	if
source=Patent Assignment 453#page2.t	if
source=Patent Assignment 462#page1.t	if
source=Patent Assignment 462#page2.t	if
source=Patent Assignment 701#page1.t	if
source=Patent Assignment 701#page2.t	if
source=Patent Assignment 929#page1.t	if
source=Patent Assignment 929#page2.t	if

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Communication network and protocol which can efficiently maintain transmission across a disrupted network</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>June 28, 2005</u>, and assigned United States Letters Patent No. <u>6,912,196</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assigner hereby sells, assigns, and transfers the entire right, title and interest to the Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

PATENT REEL: 039066 FRAME: 0797

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/20/2016

Dunti LLC
By: R. L.
Name: R. Mahalingaiah
Title: President

# PATENT REEL: 039066 FRAME: 0798

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Communication network having</u> <u>packetized security codes and a system for detecting security breach locations within</u> <u>the network</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>June 22, 2004</u>, and assigned United States Letters Patent No. 6,754,214, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies, LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

PATENT REEL: 039066 FRAME: 0799

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: R. L.

Name: <u>R. Mahalingarah</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Address mapping mechanism</u> <u>enabling multi-domain addressing in communication networks</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>October 12, 2004</u>, and assigned United States Letters Patent No. <u>6,804,235</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

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PATENT REEL: 039066 FRAME: 0801

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 04/30/2016

By: <u>R. Labalingainh</u> Name: <u>R. Mahalingainh</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Network packet transmission</u> <u>mechanism</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>August 17, 2010</u>, and assigned United States Letters Patent No. <u>7,778,259</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: \_ \_ \_ \_ Name: R. Mahalingariah Title: Presiden

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Modular switches interconnected</u> <u>across a communication network to achieve minimal address mapping or translation</u> <u>between termination devices</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>November 4, 2003</u>, and assigned United States Letters Patent No. <u>6,643,286</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: <u>R. L. L.</u> Name: <u>R. Mahalingaiah</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Communication network across</u> which packets of data are transmitted according to a priority scheme, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>November 25, 2003</u>, and assigned United States Letters Patent No. <u>6,654,346</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies, LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee hereby sells, assigns, and transfers the entire right, title and interest to the Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

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PATENT REEL: 039066 FRAME: 0<del>807</del>

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

**Dunti LLC** By: <u>R. L.</u> Name: <u>R. Mahalingariah</u> Title: <u>President</u>

# PATENT REEL: 039066 FRAME: 0808

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Method and apparatus for</u> <u>securing communication over public network</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>June 4</u>, 2013, and assigned United States Letters Patent No. <u>8,458,453</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies, LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: <u>A</u>. <u>L</u>. Name: <u>R</u>. <u>Mahalingeriah</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Address mapping mechanism</u> <u>enabling multi-domain addressing in communication networks</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>July 1</u>, <u>2003</u>, and assigned United States Letters Patent No. <u>6,587,462</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: K- Kohn Name: <u>R. Mahalingaiah</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Communication network having</u> <u>modular switches that enhance data throughput</u>, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>September 7, 2004</u>, and assigned United States Letters Patent No. <u>6,788,701</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies</u>, <u>LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to

PATENT REEL: 039066 FRAME: 0813

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: <u>R. Maholingaiah</u> Name: <u>R. Maholingaiah</u> Title: <u>President</u>

WHEREAS, <u>Dunti LLC</u>, hereinafter called the "Assignor," is the owner by respective Assignment of United States patent entitled <u>Apparatus</u>, system, and method for routing data to and from a host that is moved from one location on a communication system to another location on the communication system, for a full description of which reference is here made to a Letters Patent of the United States issued on <u>June 28</u>, <u>2011</u>, and assigned United States Letters Patent No. <u>7,970,929</u>, hereinafter "the Patent";

WHEREAS, <u>Dunti Network Technologies, LLC</u>, a limited liability company organized and existing under the laws of the State of Texas, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention described in the Patent, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest in and to the invention described in the Patent identified above; including the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term of the Patent. The Assignor hereby sells, assigns, and transfers the entire right, title and interest to the Assignee as of the day of execution of this Assignment.

The Assignor hereby covenants and agrees that the Assignor will assist the Assignee in the prosecution of the Patent identified above; in vesting in the Assignee like exclusive title in the Patent; and in the prosecution of any interference which may arise involving said invention, or the Patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment. The Assignee shall compensate the

Assignor at the Assignor's reasonable hourly rate for the time spent by the Assignor to comply with its obligations under this paragraph, and shall also reimburse the Assignor for all reasonable costs and expenses associated therewith.

The Commissioner of Patents and Trademarks is hereby authorized and requested to recognize the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

Dated: 06/30/2016

By: <u>R. L. L.</u> Name: <u>R. Mahalingaiah</u> Title: <u>President</u>