

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Panagos</td> <td>08/02/2013</td> </tr> <tr> <td>Jason Forbes</td> <td>08/05/2013</td> </tr> <tr> <td>Jeremy Spencer</td> <td>08/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	James Panagos	08/02/2013	Jason Forbes	08/05/2013	Jeremy Spencer	08/02/2013
Name	Execution Date								
James Panagos	08/02/2013								
Jason Forbes	08/05/2013								
Jeremy Spencer	08/02/2013								
RECEIVING PARTY DATA									
Name:	Time Warner Cable Enterprises LLC								
Street Address:	60 Columbus Circle								
City:	New York								
State/Country:	NEW YORK								
Postal Code:	10023								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13958467</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13958467				
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Application Number:	13958467								
CORRESPONDENCE DATA									
Fax Number:	8586751674								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	docket@gazpat.com								
Correspondent Name:	GAZDZINSKI & ASSOCIATES, PC								
Address Line 1:	16644 WEST BERNARDO DRIVE								
Address Line 2:	SUITE 201								
Address Line 4:	SAN DIEGO, CALIFORNIA 92127								
ATTORNEY DOCKET NUMBER:	TWAR.176A								
NAME OF SUBMITTER:	Julie D. Melendez								
Signature:	/Julie D. Melendez/								
Date:	08/14/2013								

CH \$40.00 13958467

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

Title of Invention: **PACKETIZED CONTENT DELIVERY APPARATUS AND METHODS**

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

U.S. Application Serial No.: 13/958,467; or

PCT International Application No.: _____

Filed on: August 2, 2013

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, **Time Warner Cable Enterprises LLC** with its principal place of business at 60 Columbus Circle, New York, NY 10023, United States, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, re-examinations, continuations, conversions and extensions thereof, and provisional applications to which priority is claimed therefrom, for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion, re-exam, provisional, or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion, re-exam, provisional, or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

GAZDZINSKI & ASSOCIATES, PC

16644 West Bernardo Drive, Suite 201, San Diego, CA 92127

Telephone: (858) 675-1670 - Facsimile: (858) 675-1674 - Email: docket@gazpat.com

PATENT

REEL: 031009 FRAME: 0931

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of GAZDZINSKI & ASSOCIATES, PC, Customer No. 27299, the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

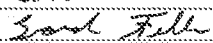
In witness whereof, executed by the undersigned on the date opposite the undersigned name.

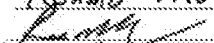
LEGAL NAME OF INVENTOR

Inventor's Name: JAMES PANAGOS

Date: 08/02/2013

Signature: 

Witness
Printed Name Sarah Feller
Signature 
Date 8/2/13

Witness
Printed Name Ronald Moran
Signature 
Date 8/2/13

An application data sheet (PTO/AIA/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

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SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **JASON FORBES**

Date: 5 Aug 2013

Signature: _____

Witness

Printed Name

JAMES PANAGOS

Signature

Date

[Signature]
08/05/13

Witness

Printed Name

JEREMY SPENCER

Signature

Date

[Signature]
08/05/2013

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **JEREMY SPENCER**

Date: _____

Signature: _____

Witness

Printed Name

Signature

Date

Witness

Printed Name

Signature

Date

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **JASON FORBES**

Date: _____

Signature: _____

Witness
Printed Name _____
Signature _____
Date _____

Witness
Printed Name _____
Signature _____
Date _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name: **JEREMY SPENCER**

Date: 08/02/2013

Signature: _____

Witness
Printed Name Ronald Minor
Signature Ronald Minor
Date 8/2/2013

Witness
Printed Name Sarah Feller
Signature Sarah Feller
Date 8/2/13

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