

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5343123

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GIUSEPPE BIANCHI	10/04/2018
MARCO BONOLA	10/04/2018
DAVIDE SANVITO	10/04/2018
CARMELO CASCONI	10/24/2018
ANTONIO CAPONE	10/04/2018
SALVATORE PONTARELLI	10/04/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT)
<b>Street Address:</b>	VIALE G.P. USBERTI, 181/A
<b>City:</b>	PARMA (PR)
<b>State/Country:</b>	ITALY
<b>Postal Code:</b>	43124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16091258
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(859)252-0779
<i>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.</i>	
<b>Phone:</b>	8592520889
<b>Email:</b>	uspto@iplaw1.net
<b>Correspondent Name:</b>	KING & SCHICKLI PLLC
<b>Address Line 1:</b>	800 CORPORATE DRIVE, SUITE 200
<b>Address Line 4:</b>	LEXINGTON, KENTUCKY 40503
<b>ATTORNEY DOCKET NUMBER:</b>	2276-011
<b>NAME OF SUBMITTER:</b>	ANDREW D. DORISIO
<b>SIGNATURE:</b>	/Andrew D. Dorisio/
<b>DATE SIGNED:</b>	01/25/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

**Total Attachments: 6**

source=P1389US\_Declaration and Assignment MB sign#page1.tif

source=P1389US\_Declaration and Assignment GB sign#page1.tif

source=P1389US\_Declaration and Assignment DS#page1.tif

source=P1389US\_Declaration and Assignment CC#page1.tif

source=P1389US\_Declaration and Assignment AC#page1.tif

source=P1389US\_Declaration and Assignment SP sign#page1.tif

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention:** METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE  
TRANSITION TABLE AND APPARATUS USING THE SAME

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738  
filed on March 27, 2017.

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

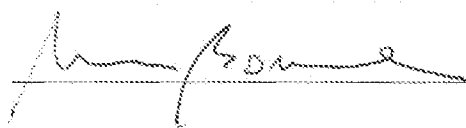
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Marco BONOLA

Date: 04 October 2018

Signature: 

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE

**Title of Invention:** TRANSITION TABLE AND APPARATUS USING THE SAME

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738  
filed on March 27, 2017

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

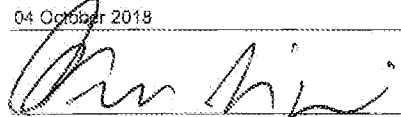
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Giuseppe BIANCHI

Date: 04 October 2018

Signature: 

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention:** METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE TRANSITION TABLE AND APPARATUS USING THE SAME

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738  
filed on March 27, 2017.

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Davide SANVITO

Date: 04 October 2018

Signature: Davide Sanvito

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention:** METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE  
TRANSITION TABLE AND APPARATUS USING THE SAME

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738  
filed on March 27, 2017.

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Carmelo CASCONI

Date: 24 October 2018

Signature: 

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

**Title of Invention:** METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE  
TRANSITION TABLE AND APPARATUS USING THE SAME

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738  
filed on March 27, 2017.

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Antonio CAPONE

Date: 04 October 2018

Signature: 

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention: METHOD OF HANDLING DATA PACKETS THROUGH A CONDITIONAL STATE. TRANSITION TABLE AND APPARATUS USING THE SAME.

This declaration is directed to:

- The attached application, or
- United States application or PCT international application number PCT/IB2017/051738 filed on March 27, 2017.

As the below named inventor, I hereby declare that: (a) the above-identified application was made or authorized to be made by me; and (b) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, CONSORZIO NAZIONALE INTERUNIVERSITARIO PER LE TELECOMUNICAZIONI (CNIT) (hereinafter referred to as "ASSIGNEE") having a place of business at: Viale G.P. Usberti, 181/A, 43124 Parma (PR) Italy is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, the undersigned inventor(s) do, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

I hereby acknowledge 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.

Inventor: Salvatore PONTARELLI

Date: 04 October 2018

Signature: 