### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2877582

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST NAME OF THE FOURTH INVENTOR FROM CHARLIE TO CHARLEY previously recorded on Reel 032466 Frame 0916. Assignor(s) hereby confirms the ASSIGNMENT OF ALL RIGHT, TITLE AND INTEREST TO THE INVENTION AND ALL APPLICATIONS, AND IN ANY LETTERS PATENT.

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN L. GREENSPAN	03/17/2014
JAMES DONALD RENO	03/17/2014
RALF DIETER SABOROWSKI	03/18/2014
CHARLEY CHELL	03/18/2014

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State/Country:	NEW YORK
Postal Code:	11749

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14218345

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ATTORNEY DOCKET NUMBER:	063170.A002
NAME OF SUBMITTER:	LUKE K. PEDERSEN
SIGNATURE:	/Luke K. Pedersen/
DATE SIGNED:	05/30/2014

#### **Total Attachments: 9**

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#### Electronic Patent Assignment System

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#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TY	/РЕ:	NEW ASSIGNMENT	
NATURE OF CO	NVEYANCE:	VEYANCE: ASSIGNMENT	
CONVEYING PA	RTY DATA		
	N	ame	Execution Date
STEVEN L. GRE	ENSPAN		03/17/2014
JAMES DONALI	) RENO	anan an	03/17/2014
RALF DIETER S.	ABOROWSKI		03/18/2014
GHARLIE CHELL CHARLEY CHELL			03/18/2014
RECEIVING PAI	RTY DATA		j03/18/2014
RECEIVING PAI	RTY DATA		
RECEIVING PAI Name: Street Address:	RTY DATA CA, INC. ONE CA PLAZ		
RECEIVING PAI Name: Street Address: City:	RTY DATA CA, INC. ONE CA PLAZ ISLANDIA		
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RECEIVING PAI Name: Street Address: City:	RTY DATA CA, INC. ONE CA PLAZ ISLANDIA		
RECEIVING PAI Name; Street Address; City; State/Country; Postal Code; PROPERTY NUM	RTY DATA CA, INC. ONE CA PLAZ ISLANDIA NEW YORK 11749 IBERS Total: 1	A	
RECEIVING PAI Name: Street Address: City: State/Country: Postal Code:	RTY DATA CA, INC. ONE CA PLAZ ISLANDIA NEW YORK 11749 4BERS Total: 1 Fype	A	

CORRESPONDENCE DATA		
Fax Number:Phone:214-953-6500Email:PTOmail1@bakerbotts.comCorrespondence will be sent via US Mail when the email attempt is unsuccessful.Correspondent Name:BAKER BOTTS LLPAddress Line 1:2001 ROSS A VENUE, 6TH FLOORAddress Line 4:DALLAS, TEXAS 75201		
ATTORNEY DOCKET NUMBER:	063170.A002	
NAME OF SUBMITTER:	LUKE K. PEDERSEN	
Signature:	/Luke K. Pedersen/	
Date:	03/18/2014	
Total Attachments: 5 source=Assignment_A002#page1.tif source=Assignment_A002#page2.tif source=Assignment_A002#page3.tif source=Assignment_A002#page4.tif		
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EPAS ID: PAT277382   Receipt Date: 03/18/2014	0	

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#### ASSIGNMENT

### ATTORNEY DOCKET NO. 063170.A002

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#### ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, CA, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of One CA Plaza, Islandia, New York 11749, desires to acquire my entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE,** for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

#### ASSIGNMENT

#### 2 of 3

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of First Inventor:

Inventor's Name:

Residence (City, State):

Date Assignment Executed:

Steven L. Greenspan

Scotch Plains, NJ

3-17-2014

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of Second Inventor:

Inventor's Name:

Residence (City, State):

Date Assignment Executed:

James Donald Reno

Scotts Valley, CA

PATENT REEL: 033062 FRAME: 0670

#### ASSIGNMENT

2 of 3

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of First Inventor:

Inventor's Name:

Steven L. Greenspan

Scotch Plains, NJ

Residence (City, State):

Date Assignment Executed:

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of Second Inventor:

Inventor's Name:

Residence (City, State):

Date Assignment Executed:

James Donald Reno

Scotts Valley, CA

MARCH 17 2014

PATENT REEL: 033062 FRAME: 0671

#### ASSIGNMENT

3 of 3

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Colord Mar

Signature of Third Inventor:

Inventor's Name:

Residence (City, State):

Date Assignment Executed:

Ralf Dieter Saborowski

Leichlingen. Germany

3-18-14

Title of Invention:

## SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of Fourth Inventor:

Inventor's Name:

Charley Chell

San Jose, CA

Date Assignment Executed:

Residence (City, State):

PATENT REEL: 033062 FRAME: 0672

#### ASSIGNMENT

3 of 3

Title of Invention:

SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of Third Inventor:

Inventor's Name:

Residence (City, State):

Ralf Dieter Saborowski Leichlingen, Germany

Date Assignment Executed:

Title of Invention:

# SECURE DATA TRANSMISSION USING MULTI-CHANNEL COMMUNICATION

Signature of Fourth Inventor:

Inventor's Name:

Residence (City, State):

Date Assignment Executed:

Charley Chell

San Jose, CA

Mad 18, 2014

PATENT REEL: 033062 FRAME: 0673

**RECORDED: 05/30/2014**