

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3155983

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN BULKOWSKI	06/02/2003
CAROLYN WALES	05/12/2003
SAM HSU	06/16/2003
JAMES HELMAN	06/18/2003
JOSEPH DECKER	06/17/2003
BROCK WAGENAAR	06/19/2003
MARK VICKERS	05/12/2003
RECEIVING PARTY DATA	
Name:	LIBERATE TECHNOLOGIES
Street Address:	2 CIRCLE STAR WAY
City:	SAN CARLOS
State/Country:	CALIFORNIA
Postal Code:	94070-6200
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13852355
CORRESPONDENCE DATA	
Fax Number:	(202)824-3001
<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>	
Phone:	202 824-3000
Email:	bwptopat@bannerwitcoff.com, dwityak@bannerwitcoff.com
Correspondent Name:	BANNER & WITCOFF, LTD.
Address Line 1:	1100 13TH STREET NW, SUITE 1200
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	007412.02384
NAME OF SUBMITTER:	ADAM R. BANES
SIGNATURE:	/Adam R. Banes/
DATE SIGNED:	12/19/2014
Total Attachments: 4	

PATENT

source=Assignment 1#page1.tif

source=Assignment 1#page2.tif

source=Assignment 1#page3.tif

source=Assignment 1#page4.tif

ASSIGNMENT

WHEREAS, We, Brian BULKOWSKI, Carolyn WALES, Sam HSU, James HELMAN, Joseph DECKER, Brock WAGENAAR and Mark VICKERS referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent: ☐

☐ ☐ ☐

Title of Invention: **Method and Apparatus for Transmitting Data in a Data Stream**

U.S. Patent Application No. 10/407,090 filed April 2, 2003

☐ ☐ ☐

WHEREAS, Liberate Technologies, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same; ☐

☐ ☐ ☐ ☐

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS ☐ have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE ☐ as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time. ☐

ASSIGNORS further agree that they will, without charge to said ASSIGNEE ☐ but at ASSIGNEE'S ☐ expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE ☐ may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE ☐, or ASSIGNEE'S successors and assigns. ☐

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below. ☐

☐ Brian J. Bulkowski
Brian BULKOWSKI

6/2/2003
DATE

Carolyn Wales
Carolyn WALES

5/12/2003
DATE

Sam Hsu
Sam HSU

6/16/03
DATE

James Helman
James HELMAN

DATE

Joseph Decker
Joseph DECKER

DATE

Brock Wagenaar
Brock WAGENAAR

DATE

Mark Vickers
Mark VICKERS

5.12.03
DATE

PATENT

REEL: 034556 FRAME: 0089

ASSIGNMENT

WHEREAS, We, Brian BULKOWSKI, Carolyn WALES, Sam HSU, James HELMAN, Joseph DECKER, Brock WAGENAAR and Mark VICKERS referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent: ☐

☐ ☐

Title of Invention: **Method and Apparatus for Transmitting Data in a Data Stream**

U.S. Patent Application No. 10/407,090 filed April 2, 2003

☐ ☐

WHEREAS, Liberate Technologies, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same; ☐

☐ ☐ ☐

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS ☐ have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE ☐ as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time. ☐

ASSIGNORS further agree that they will, without charge to said ASSIGNEE ☐, but at ASSIGNEE'S ☐ expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE ☐ may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE ☐, or ASSIGNEE'S successors and assigns. ☐

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below. ☐

☐ Brian Bulkowski
Brian BULKOWSKI

6/2/2003
DATE

Carolyn Wales
Carolyn WALES

5/12/2003
DATE

Sam Hsu
James Helman
James HELMAN

DATE
18-Jun-03
DATE

Joseph DECKER

DATE

Brock WAGENAAR
Mark Vickers
Mark VICKERS

DATE
5.12.03
DATE

PATENT

REEL: 034556 FRAME: 0090

ASSIGNMENT

WHEREAS, We, Brian BULKOWSKI, Carolyn WALES, Sam HSU, James HELMAN, Joseph DECKER, Brock WAGENAAR and Mark VICKERS referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent: ☐

☐ ☐

Title of Invention: **Method and Apparatus for Transmitting Data in a Data Stream**

U.S. Patent Application No. 10/407,090 filed April 2, 2003

☐ ☐

WHEREAS, Liberate Technologies, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same; ☐

☐ ☐ ☐

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS ☐ have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE ☐ as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time. ☐

ASSIGNORS further agree that they will, without charge to said ASSIGNEE ☐, but at ASSIGNEE'S ☐ expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE ☐ may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE ☐, or ASSIGNEE'S successors and assigns. ☐

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below. ☐

☐ Brian BULKOWSKI
Brian BULKOWSKI

6/2/2003
DATE

Carolyn WALES
Carolyn WALES

5/12/2003
DATE

Sam HSU
Sam HSU

DATE

James HELMAN
James HELMAN

DATE

Joseph DECKER
Joseph DECKER

6/17/03
DATE

Brock WAGENAAR
Brock WAGENAAR

DATE

Mark VICKERS
Mark VICKERS

5.12.03
DATE

PATENT

REEL: 034556 FRAME: 0091

ASSIGNMENT

WHEREAS, We, Brian BULKOWSKI, Carolyn WALES, Sam HSU, James HELMAN, Joseph DECKER, Brock WAGENAAR and Mark VICKERS referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent: ☐

☐ ☐

Title of Invention: **Method and Apparatus for Transmitting Data in a Data Stream**

U.S. Patent Application No. 10/407,090 filed April 2, 2003

☐ ☐

WHEREAS, Liberate Technologies, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same; ☐

☐ ☐ ☐

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS ☐ have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE ☐ as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time. ☐

ASSIGNORS further agree that they will, without charge to said ASSIGNEE ☐ but at ASSIGNEE'S ☐ expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE ☐ may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE ☐ or ASSIGNEE'S successors and assigns. ☐

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below. ☐

☐ Brian BULKOWSKI
Brian BULKOWSKI

6/2/2003
DATE

Carolyn WALES
Carolyn WALES

5/12/2003
DATE

Sam HSU
Sam HSU

DATE

James HELMAN
James HELMAN

DATE

Joseph DECKER
Joseph DECKER

DATE

Brock WAGENAAR
Brock WAGENAAR

6/12/03
DATE

Mark VICKERS
Mark VICKERS

5.12.03
DATE