PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Liberate Technologies	04/05/2005

RECEIVING PARTY DATA

Name:	Double C Technologies, LLC	
Street Address:	1500 Market Street	
City:	Philadelphia	
State/Country:	PENNSYLVANIA	
Postal Code:	19102	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12427455

CORRESPONDENCE DATA

Fax Number: (312)463-5001

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 312-463-5000

Email: gbekin@bannerwitcoff.com

Correspondent Name: Surendra K. Ravula

Address Line 1: 10 South Wacker Drive, Suite 3000

Address Line 2: Banner & Witcoff, Ltd. Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 007412.00886

NAME OF SUBMITTER: Surendra K. Ravula

Total Attachments: 3

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PATENT

REEL: 026861 FRAME: 0285

ASSIGNMENT

(U.S. applications)

WHEREAS, Liberate Technologies, a Delaware corporation having a principal place of business at 2655 Campus Dr., Suite 250, San Mateo, California 94403, USA (hereinafter, "ASSIGNOR") is the owner of the entire right, title and interest in and to all of the patent applications listed on Exhibit A annexed hereto (except U.S. Patent Application No. 10/428,660, in respect of which Assignor is a joint owner) (collectively referred to together with all patents that issue from all such applications as the "Patents"); and

WHEREAS, Double C Technologies, LLC, a Delaware limited liability company having a principal place of business at c/o Comcast Corporation, 1500 Market Street, Philadelphia, Pennsylvania 19102 (hereinafter, "ASSIGNEE"), desires to acquire all right, title, and interest in and to the Patents in the United States of America and its territories and possessions, Canada and its territories and possessions, and Mexico and its territories and possessions (collectively referred to as "North America"); and

WHEREAS, this Assignment is made pursuant to the January 14, 2005 Asset Purchase Agreement entered into by ASSIGNOR and ASSIGNEE.

NOW, THEREFORE, for and in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to:

- (a) the right to claim priority to any of the Patents in any patent application or similar legal protection in North America,
- (b) all Patents and every North American counterpart, continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue of any of the Patents (collectively, the "North American Patents"), all for the full term or terms for which the same may be granted, and
- (c) all claims for damages by reason of past infringement of the North American Patents and the right to sue for and collect such damages for its own use,

all North American Patents and other rights set forth herein to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made.

ASSIGNOR further agrees, upon request, to provide ASSIGNEE with all pertinent facts and documents relating to the Patents as may be known and accessible, to testify at ASSIGNEE's expense as to the same in any interference or litigation related thereto, promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the Patents that may be necessary or desirable to carry out the purposes thereof.

[SIGNATURE APPEARS ON FOLLOWING PAGE]

PATENT REEL: 026861 FRAME: 0286 ASSIGNOR:

Liberate Technologies

Name: Gregory S. Wood
Title: Executive Vice President and
Orief Financial Officer

State of California

)ss.:

County of SAIN MATEO)

On this 5th day of APRAL, 2005, before me, personally appeared of Liberate Technologies, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

(Seal)

SYLVIA N. ACACIO COMM. #1300096 Votary Public-California SAN FRANCISCO COUNTY

Liberate Technologies U.S. Applications Assignment

Exhibit A

Date Filed	
07/29/98	
06/11/99	
10/06/99	
12/06/99	
01/24/00	
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RECORDED: 09/06/2011

PATENT REEL: 026861 FRAME: 0288