

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

ETAS ID: TM385022

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Black Box Corporation		05/09/2016	Corporation: DELAWARE
ACS Communications, Inc.		05/09/2016	Corporation: TEXAS
ACS Dataline, LP		05/09/2016	Limited Partnership: TEXAS
ACS Investors, LLC		05/09/2016	Limited Liability Company: DELAWARE
BB Technologies, Inc.		05/09/2016	Corporation: DELAWARE
BBox Holding Company		05/09/2016	Corporation: DELAWARE
Black Box Corporation of Pennsylvania		05/09/2016	Corporation: DELAWARE
Black Box Network Services, Inc. -- Government Solutions		05/09/2016	Corporation: TENNESSEE
Black Box Services Company		05/09/2016	Corporation: DELAWARE
Delaney Telecom, Inc.		05/09/2016	Corporation: PENNSYLVANIA
InnerWireless, Inc.		05/09/2016	Corporation: DELAWARE
Midwest Communications Technologies, Inc.		05/09/2016	Corporation: OHIO
Mutual Telecom Services Inc.		05/09/2016	Corporation: DELAWARE
NextiraOne, LLC		05/09/2016	Limited Liability Company: DELAWARE
NextiraOne Federal, LLC		05/09/2016	Limited Liability Company: DELAWARE
Norstan, Inc.		05/09/2016	Corporation: MINNESOTA
Norstan Communications, Inc.		05/09/2016	Corporation: MINNESOTA
Nu-Vision Technologies, LLC		05/09/2016	Limited Liability Company: NEW YORK
Scottel Voice & Data, Inc.		05/09/2016	Corporation: CALIFORNIA
Teldata Corporation		05/09/2016	Corporation: TENNESSEE
Vibes Technologies, Inc.		05/09/2016	Corporation: MINNESOTA
RECEIVING PARTY DATA			
Name:	PNC Bank, National Association		
Street Address:	300 Fifth Avenue		
Internal Address:	The Tower at PNC Plaza		
City:	Pittsburgh		
TRADEMARK			

OP \$640.00 1141117

State/Country:	PENNSYLVANIA
Postal Code:	15222
Entity Type:	National Banking Association: PENNSYLVANIA

PROPERTY NUMBERS Total: 25

Property Type	Number	Word Mark
Registration Number:	1141117	
Registration Number:	1095109	BLACK BOX
Registration Number:	1343851	BLACK BOX
Registration Number:	1095108	
Registration Number:	2140574	BLACK BOX
Registration Number:	2309470	BLACK BOX
Registration Number:	2306303	BLACK BOX
Registration Number:	2314738	
Registration Number:	2250733	BLACK BOX
Registration Number:	2147452	
Registration Number:	2343644	CAT5E
Registration Number:	2669871	CERTIFICATION PLUS
Registration Number:	2636340	GIGABASE
Registration Number:	2636336	GIGATRUE
Registration Number:	2862019	
Registration Number:	2924643	BLACK BOX
Registration Number:	2947265	BLACK BOX
Registration Number:	3741425	SELECT SERVER
Registration Number:	2674527	CONVERGENCECARE
Serial Number:	86850012	SELECT SERVER
Registration Number:	2727815	INNERWIRELESS
Registration Number:	2459160	CONFERENCE POINT
Registration Number:	2524455	CONFERENCEPOINT.COM
Registration Number:	2519217	PROTECNET
Registration Number:	3051466	NEXTIRAONE

CORRESPONDENCE DATA

Fax Number: 4123942555

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.

Phone: 412-394-7767

Email: traip@clarkhill.com

Correspondent Name: Paul D. Bangor, Jr.

Address Line 1: 301 Grant Street, 14th Floor

Address Line 2: One Oxford Centre

TRADEMARK

REEL: 005796 FRAME: 0881

Address Line 4: Pittsburgh, PENNSYLVANIA 15222	
NAME OF SUBMITTER:	Paul D. Bangor, Jr.
SIGNATURE:	/Paul D. Bangor, Jr./
DATE SIGNED:	05/19/2016
Total Attachments: 5 source=160519_002#page1.tif source=160519_002#page2.tif source=160519_002#page3.tif source=160519_002#page4.tif source=160519_002#page5.tif	

NOTICE OF SECURITY INTEREST
U.S. TRADEMARKS

May 9, 2016

WHEREAS, each of the entities listed on the signature page hereto (each a "**Grantor**" and collectively, the "**Grantors**"), as applicable, has adopted, used and are using the United States trademarks listed on the annexed Schedule A, which trademarks are registered in or subject to the trademark applications filed in the United States Patent and Trademark Office (the "**Trademarks**");

WHEREAS, pursuant to that certain Credit Agreement, dated of even date herewith (as may be amended, modified, supplemented or restated from time to time, the "Credit Agreement"), by and among the Black Box Corporation, a Delaware corporation, as borrower (the "**Borrower**"), the Guarantors (as defined therein) party thereto, the Lenders (as defined therein) party thereto and PNC Bank, National Association, as administrative agent for the Lenders (in such capacity, the "**Administrative Agent**"), the Grantors have entered into that certain Patent, Trademark and Copyright Security Agreement, dated of even date herewith (the "**Security Agreement**") in favor of the Administrative Agent (for itself and for the benefit of the Lenders); and

WHEREAS, pursuant to the Security Agreement, each Grantor has granted to the Administrative Agent (for itself and for the benefit of the Lenders), a mortgage on, pledge of and security interest in, all right, title and interest of such Grantor in and to the Trademarks, together with all the goodwill of the business symbolized by the Trademarks, and the registrations or applications for registration thereof, and all proceeds thereof, including, without limitation, any royalties, claims for infringement and proceeds of sale or other disposition thereof (the "**Trademark Collateral**") to secure the payment and performance of the Obligations (as defined in the Credit Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, each Grantor does hereby confirm its grant to the Administrative Agent (for itself and for the benefit of the Lenders) of a mortgage on, pledge of and security interest in the Trademark Collateral to secure prompt payment and performance of the Obligations.

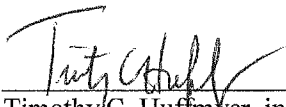
Each Grantor does hereby further acknowledge and affirm that the rights and remedies of the Administrative Agent (for itself and for the benefit of the Lenders) with respect to the assignment of, mortgage on, pledge of and security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth in this Notice of Security Interest.

The Administrative Agent's address is The Tower at PNC Plaza, 300 Fifth Avenue, Pittsburgh, PA 15222.

IN WITNESS WHEREOF, and intending to be legally bound, the Grantors have executed this Notice of Security Interest on the date set forth above as a document under seal.

GRANTORS:

Black Box Corporation, a Delaware corporation
ACS Communications, Inc., a Texas corporation
ACS Dataline, LP, a Texas limited partnership
ACS Investors, LLC, a Delaware limited liability company
BB Technologies, Inc., a Delaware corporation
BBox Holding Company, a Delaware corporation
Black Box Corporation of Pennsylvania, a Delaware corporation
Black Box Network Services, Inc. – Government Solutions, a Tennessee corporation
Black Box Services Company, a Delaware corporation
Delaney Telecom, Inc., a Pennsylvania corporation
InnerWireless, Inc., a Delaware corporation
Midwest Communications Technologies, Inc., an Ohio corporation
Mutual Telecom Services Inc., a Delaware corporation
NextiraOne, LLC, a Delaware limited liability company
NextiraOne Federal, LLC, a Delaware limited liability company
Norstan, Inc., a Minnesota corporation
Norstan Communications, Inc., a Minnesota corporation
Nu-Vision Technologies, LLC, a New York limited liability company
Scottel Voice & Data, Inc., a California corporation
Teldata Corporation, a Tennessee corporation
Vibes Technologies, Inc., a Minnesota corporation

By:  (SEAL)
Timothy C. Huffmyer, in his capacity as
one or more of the following:
President, Vice President, CFO, Treasurer
and/or Secretary

[Signature Page to Notice of Security Interest (Trademarks)]

SCHEDULE A

TRADEMARKS

BB TECHNOLOGIES, INC.

UNITED STATES TRADEMARK / SERVICE MARK REGISTRATIONS

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
890148	United States	BOX DESIGN	9	1,141,117	11/04/80	11/04/2020
890149	United States	BLACK BOX	16	1,095,109	07/04/78	07/04/2018
890150	United States	BLACK BOX & BOX DESIGN	9	1,343,851	06/25/85	06/25/2025
890147	United States	BOX DESIGN	16	1,095,108	07/04/78	07/04/2018
961613	United States	BLACK BOX	6, 8, 25, 26	2,140,574	03/03/98	03/03/2018
990248	United States	BLACK BOX	37	2,309,470	01/18/00	01/18/2020
990250	United States	BLACK BOX & BOX DESIGN	37	2,306,303	01/04/00	01/04/2020
990249	United States	BOX DESIGN	37	2,314,738	02/01/00	02/01/2020
961161	United States	BLACK BOX	38, 42	2,250,733	06/08/99	06/08/2019
961612	United States	BOX DESIGN	6, 8, 14, 16, 18, 21, 24, 25, 26, 28	2,147,452	03/31/98	03/31/2018
990433	United States	CAT5E	16	2,343,644	04/18/00	04/18/2020

TRADEMARK

REEL: 005796 FRAME: 0885

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
000749	United States	CERTIFICATION PLUS AND DESIGN	36	2,669,871	12/31/02	12/31/2022
000203	United States	GIGABASE	9	2,636,340	10/15/02	10/15/2022
000204	United States	GIGATRUE	9	2,636,336	10/15/02	10/15/2022
020567	United States	BOX DESIGN	37, 42	2,862,019	07/13/04	07/13/2024
020566	United States	BLACK BOX & DESIGN	37, 42	2,924,643	02/08/05	02/08/2025
020565	United States	BLACK BOX	37, 42	2,947,265	05/10/05	05/10/2025
001931	United States	SELECT SERVER	20	3,741,425	01/19/2010	01/19/2020
060741	United States	CONVERGENCECARE	37, 42	2,674,527	01/14/2003	01/14/2023

BB TECHNOLOGIES, INC.

PENDING UNITED STATES TRADEMARK / SERVICE MARK APPLICATIONS						
<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
001942	United States	SELECT SERVER	20	86/850,012	12/15/2015	APPROVED FOR PUBLICATION

INNERWIRELESS, INC.

UNITED STATES TRADEMARK / SERVICE MARK REGISTRATIONS

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
-------------	----------------	-------------	--------------	-----------------	------------------	------------------

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
001620	United States	INNERWIRELESS	9	2,727,815	06/17/2003	06/17/2023

NORSTAN, INC.

UNITED STATES TRADEMARK / SERVICE MARK REGISTRATIONS

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
060722	United States	CONFERENCE POINT	38	2,459,160	06/12/2001	06/12/2021
060723	United States	CONFERENCEPOINT. COM	35, 38	2,524,455	01/01/2002	01/01/2022
070447	United States	PROTECNET	42	2,519,217	12/18/2001	12/18/2021

NEXTIRAONE, LLC

UNITED STATES TRADEMARK / SERVICE MARK REGISTRATIONS

<u>File</u>	<u>Country</u>	<u>Mark</u>	<u>Class</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Ren. Date</u>
060742	United States	NEXTIRAONE*	37, 42	3,051,466	01/24/2006	07/24/2016

* Pending assignment to Butler Industries

TRADEMARK

REEL: 005796 FRAME: 0887

RECORDED: 05/19/2016