To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es).  1. Name of conveying party(iss)/Execution Date(s): Peter A. Krumhansl (10/18/2007), and Michael B. Goldsmith (10/05/2007).  Execution Date(s): in parentheses after inventor name Additional name(or of sonvering party(iss) attached?  Security Agreement	Orm PTO-1595 (Rev. 09/04) DMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMME United States Patent and Trademark (		
To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es)  1. Name of conveying party(les)/Execution Date(s): Peter A. Krumhans (10)/18/2007), and Michael B. Goldsmith (10/05/2007).  Execution Date(s): in parentheses after inventor name Additional name(s) of conveying party(les) attached? Yes x No  3. Nature of Conveyance: Assignment		RM COVER SHEET		
1. Name of conveying party(ies)/Execution Date(s): Peter A. Krumhansi (10/18/2007), and Michael B. Goldsmith (10/05/2007). Sexecution Date(s): in parentheses after inventor name Additional nume(s) of conveying party(ies) attached?	PATENT	'S ONLY		
1. Name of conveying party(lee)/Execution Date(s): Peter A. Krumhansi (10/15/2007), and Michael B. Goldsmith (10/05/2007).  Execution Date(s): in perenthesos after inventor name Additional name(s) of conveying party(lee) attached?  Executive Conveyance:  Assignment    Merger	To the Director of the U.S. Patent and Trademark Office; Pleas	se record the attached documents or the new address(es) below		
Goldsmith (10/05/2007).  Execution Data(s): in parenthesos after inventor name Additional name(s) of conveying party(es) attached?  Security Agreement Government Interest Assignment Executive Order 9424, Confirmatory License X Other Cornective Assignment to add Assignae  4. Application or patent number(s): A. Patent Application No.(s) 11/582,222  Additional numbers attached?  Name and address to whom correspondence concerning document should be mailed: Iame: Edward J. Kelly ROPES & GRAY LLP Internal Address: Alty, Dkt.: BBNT-390-101 Istreet Address: One International Place  Application or patent number (617) 951-7532 atx number: (617) 951-7532 atx number: (617) 951-7530 mail Address: Alty Dks.: Boston  Signature:  June 4, 2008 Name of Person Signing	Name of conveying party(ies)/Execution Date(s):	· · · · · · · · · · · · · · · · · · ·		
Internal Address:   Street Address:   10 Moulton Street	Peter A. Krumhansl (10/18/2007), and Michael B. Goldonith (10/05/2007)	Name: BBN Technologies Corp.		
Execution Date(s): in parenthesos after inventor name  Additional name(s) of conveying puriy(se) sinached? Yes X No  3. Nature of Conveyance:  Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  X Other Corrective Assignment to add Assignee.  4. Application or patent number(s):  A Patent Application No.(s)  11/582,222  Additional numbers attached? Yes X No  Name and address to whom correspondence concerning document should be mailed:  Name: Edward J. Kelly  ROPES & GRAY LLP  Internal Address: Atty, Dkt.: BBNT-390-101  Street Address: One International Place  Authorized to be charged to deposit account Enclosed  None required (government interest not affect X Authorized to be charged to deposit account Enclosed  None required (government interest not affect X Authorized to be charged to deposit account Enclosed  None required (government interest not affect X Authorized to be charged to deposit account Enclosed  None required (government interest not affect X Authorized to be charged to deposit account X Authorized User Name Michael J. Chasan  Signature:  June 4, 2008  Date  June 4, 2008  Name of Person Signing  Authorized to the Patent and Trademark Office, faccimile pro (571) 271 1727  Authorized to the Charge Authorized Signature Signature Authorized Signature Author	Goldsmitt (10/05/2007).			
Assignment    Assignment	Execution Date(s): in parentheses after inventor name			
Assignment	Additional name(s) of conveying party(les) attached? Yes X No	- <b> </b>		
Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License    Other Corrective Assignment to add Assignee.   State: Massachusetts	3. Nature of Conveyance;	10 Moulton Street		
Government Interest Assignment  Executive Order 9424, Confirmatory License  Other Corrective Assignment to add Assignee.  4. Application or patent number(s):  A. Patent Application No.(s)  11/582,222  Additional numbers attached?  Additional number of applications and patents involved:  Name and address to whom correspondence concerning document should be mailed:  Name:  Edward J. Kelly  ROPES & GRAY LLP  niternal Address: One International Place  Other  Boston  Street Address:  MA Zip: 02110-2624  Phone Number:  (617) 951-7532  Fax Number:  (617) 951-7530  Fax Number:  (617) 951-7050  Final Address  Signature:  June 4, 2008  Other  Other Corrective Assignment to add Assignee  State:  Massachusetts  Massachusetts  Additional name(s) & address(s) X yes attached:  This document is being filed together with a new application of attached:  B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account of Enclosed  None required (government interest not affect of Expiration Date Expiration Da	Assignment			
Government Interest Assignment  Executive Order 9424, Confirmatory License  X Other Corrective Assignment to add Assignee.  4. Application or patent number(s):  A. Patent Application No.(s)  11/582,222  Additional numbers attached?  Additional number of applications and patents involved:  Name and address to whom correspondence concerning document should be mailed: Name:  Edward J. Kelly  ROPES & GRAY LLP  Internal Address: One International Place  Additional number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account patents involved:  Enclosed  None required (government interest not affect to the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 271 177 (Parcet) of the patent and Trademark Office, facsimile no. (571) 2	Security Agreement Change of Name	City: Cambridge		
Executive Order 9424, Confirmatory License    X Other   Corrective Assignment to add Assignee.   Country:   United States of America   Zip:   021	Government Interest Assignment			
Additional name(s) & address(es)				
A Application or patent number(s):  A. Patent Application No.(s)  11/582,222  Additional numbers attached?  A Patent Application No.(s)  11/582,222  Additional numbers attached?  A Patent Application No.(s)  Name and address to whom correspondence concerning document should be mailed:  Name:  Edward J. Kelly  ROPES & GRAY LLP  Internal Address: Atty. Dkt.: BBNT-390-101  Street Address: One International Place  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affect)  Authorized to be charged to deposit account  Enclosed  None required (government interest not affect)  Authorized User Name  Michael J. Chasan  Signature:  June 4, 2008  Signature  Michael J. Chasan - 54,026  Name of Person Signing  Thereby certify that this correspondence is being facsimile to assemite to the Patent and Trademark Office, facsimile no (571) 271	<del>''                                    </del>			
A. Patent Application No.(s)  11/582,222  Additional numbers attached?  Yes X No  Name and address to whom correspondence concerning document should be mailed: Name: Edward J. Kelly ROPES & GRAY LLP ROPES & GRAY LLP Internal Address: Atty, Dkt.: BBNT-390-101 Street Address: One International Place  Dity: Boston State: MA Zip: 02110-2624  Phone Number: (617) 951-7532  Fax Number: (617) 951-7050  Email Address: Pkelly@ropesgray.com  Signature:  June 4, 2008  Signature  Dity: June 4, 2008  Signature  Name of Person Signing  B. Patent No.(s)  6. Total number of applications and patents involved:  1 Authorized to be charged by credit card  X Authorized to be charged to deposit account Enclosed  None required (government interest not affect Expiration Date  5. Deposit Account Numbers  Authorized User Name Michael J. Chasan  Date  Total number of pages including cover sheet, attachments, and documents.  Thereby certify that this correspondence is being facsimilio transmitted to the Patent and Trademark Office, facsimile no (571) 273				
Additional numbers attached?    Yes   X   No		This document is being filed together with a new application.		
Additional numbers attached?    Yes   X   No	• •	B. Patent No.(s)		
Name and address to whom correspondence concerning document should be mailed:  Name: Edward J. Kelly ROPES & GRAY LLP Internal Address: Atty. Dkt.: BBNT-390-101 Street Address: One International Place  City: Boston State: MA Zip: 02110-2624 Phone Number: (617) 951-7532 Fax Number: (617) 951-7050 Email Address: Pkell@@ropesgray.com  Signature:  Signature:  June 4, 2008 Date  Michael J. Chasan - 54,026 Name of Person Signing  Signature to the Patent and Trademark Office, facsimile no (671) 271	1 1/302,222	ļ		
Name and address to whom correspondence concerning document should be mailed:  Name: Edward J. Kelly ROPES & GRAY LLP Internal Address: Atty. Dkt.: BBNT-390-101 Street Address: One International Place  City: Boston State: MA Zip: 02110-2624 Phone Number: (617) 951-7532 Fax Number: (617) 951-7050 Email Address: Pkell@@ropesgray.com  Signature:  Signature:  June 4, 2008 Date  Michael J. Chasan - 54,026 Name of Person Signing  Signature to the Patent and Trademark Office, facsimile no (671) 271	******	<u></u>		
patents involved:    Street Address: Atty, Dkt.: BBNT-390-101   Authorized to be charged by credit card   X Authorized to be charged to deposit account   Enclosed   None required (government interest not affect   None requ		? Yes x No		
ROPES & GRAY LLP  Internal Address: Atty, Dkt.: BBNT-390-101 Street Address: One International Place    Authorized to be charged by credit card	concerning document should be mailed:			
Street Address: One International Place    X	Coward J. Keny	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
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None required (government interest not affect    State:   MA	Street Address: One International Place	X Authorized to be charged to deposit account		
Boston State: MA Zip: 02110-2624 Phone Number: (617) 951-7532 Expiration Date  Fax Number: (617) 951-7050 Email Address: #kell@ropesgray.com  Signature:  June 4, 2008 Signature:  Michael J. Chasan - 54,026 Name of Person Signing  Signature to the Patent and Trademark Office, facsimile no. (571) 273		Enclosed		
Boston State: MA Zip: 02110-2624 Phone Number: (617) 951-7532 Expiration Date  Examil Address: Akelly@ropesgray.com  Signature:  Signature:  Date  Michael J. Chasan - 54,026 Name of Person Signing  Signature to the Patent and Trademark Office, facsimile no. (571) 273  B. Payment Information a. Credit Card Last 4 Numbers Expiration Date  Date  Date  Total number of pages including cover sheet, attachments, and documents:		None required (government interest not affecting ti		
State: MA Zip: 02110-2624 a. Credit Card Last 4 Numbers Phone Number: (617) 951-7532 Expiration Date  Fax Number: (617) 951-7050 b. Deposit Account Number 18-1945  Email Address: Akelly@ropesgray.com Authorized User Name Michael J. Chasan  Signature: June 4, 2008  Signature Date  Michael J. Chasan - 54,026 Total number of pages including cover sheet, attachments, and documents:  I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273	Poston			
Phone Number: (617) 951-7532 Expiration Date  Fax Number: (617) 951-7050 b. Deposit Account Number 18-1945  Email Address: ekelly@ropesgray.com Authorized User Name Michael J. Chasan  Signature: June 4, 2008  Signature Date  Michael J. Chasan - 54,026 Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273		· ·		
Fax Number: (617) 951-7050 b. Deposit Account Number 18-1945  Email Address: Authorized User Name Michael J. Chasan  Signature: June 4, 2008  Signature Date  Michael J. Chasan - 54,026  Michael J. Chasan - 54,026  Name of Person Signing Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273				
Authorized User Name Michael J. Chasan  Signature:  June 4, 2008  Signature Date  Michael J. Chasan - 54,026  Name of Person Signing  Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273		· · · · · · · · · · · · · · · · · · ·		
Signature  Name of Person Signing  Date  Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273	Email Address:#kelly@ropesgray.com			
Signature Date  Michael J. Chasan - 54,026  Name of Person Signing  Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 27:	Signature:			
Signature Date  Michael J. Chasan - 54,026  Name of Person Signing  Total number of pages including cover sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 27:	M W W	June 4, 2008		
Name of Person Signing sheet, attachments, and documents:  Thereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 27:	· //	Oate Carte		
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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273				
orro, on the date shown below.	I hereby certify that this correspondence is being facsimilio transmitte 0140, on the date shown below.	ed to the Patent and Trademark Office, facsimile no. (571) 273-		
Dated: June 4, 2008 Signature: Sarah Schlie (Sarah Schlie	Dated: June 4, 2008 Signature: Saca	h skle ( Sarah Schlie)		

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# Continued (2nd Page)

# 2. Name and address of additional receiving party:

Name:	Underground Imaging Technologies, Inc.
Internal	Address:
Street A	Address;
19 Brit	ish American Boulevard

 City:
 Latham

 State:
 New York

 Country:
 United States of America
 Zip:
 12110

USPTO

4/4/2008 4:16:44 PM PAGE 4/005 Fax Server

TO: EDWARD J. KELLY COMPANY: ONE INTERNATIONAL PLACE

### PATENT ASSIGNMENT 04/03/2008 Electronic Version v1.1 500505522 Stylesheet Version v1.1 SUBMISSION TYPE: CORRECTIVE ASSIGNMENT Corrective Assignment to correct the ASSIGNEE NAME previously recorded on NATURE OF CONVEYANCE: Real 020037 Frame 0745, Assignor(s) hereby confirms the FROM: BBNT TECHNOLOGIES CORP. TO: BBN TECHNOLOGIES CORP., CONVEYING PARTY DATA Name **Execution Date** Peter A. Krumhansi 10/18/2007 Michael B. Goldsmith 10/05/2007 RECEIVING PARTY DATA 88N TECHNOLOGIES CORP. Street Address: 10 MOULTON STREET City: CAMBRIDGE MASSACHUSETTS State/Country: Postal Code: 02138 PROPERTY NUMBERS Total: 1 Property Type Number Application Number: 11582222 CORRESPONDENCE DATA Fex Number: (646)728-2631 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Email: michael.chasan@ropesgray.com Correspondent Name: **EDWARD J. KELLY** Address Line 1: ONE INTERNATIONAL PLACE Address Line 2: ROPES & GRAY LLP Address Line 4: Boston, MASSACHUSETTS 02110-2624 ATTORNEY DOCKET NUMBER: BBNT-390-101

Michael J. Chasan

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NAME OF SUBMITTER:

Total Attachments: 4

JUN-04-2008 15:50 FROM:ROPES AND GRAY LLP 1212 596 9795

TO:USPTO

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TO: EDWARD J. KELLY COMPANY: ONE INTERNATIONAL PLACE

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#### Attorney's Docket No. BBNT-390-101

#### ASSIGNMENT

WHEREAS, the Undersigned have developed certain inventions described in U.S. patent application titled:

#### SYSTEMS AND METHODS FOR DETECTING SHALLOW BURIED OBJECTS

filed on October 16, 2006 and having serial number 11/582,222 have full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, BBN Technologies Corp., a corporation organized and existing under the laws of the State of Delaware, having principal offices at 10 Moulton Street, Cambridge, Massachusetts 02138, and Underground Imaging Technologies, Inc., a corporation organized and existing under the laws of the State of Delaware, having principal offices at 19 British American Boulevard, Latham, New York, 12110 (together "ASSIGNEES"), are desirous of acquiring undivided joint ownership in all rights, title and interest in and to said invention or inventions and any and all patents to be obtained therefor as set forth in the Technology and License Agreement dated April 1, 2003 between the ASSIGNEES;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the Undersigned, the Undersigned hereby sells, assigns and transfers jointly unto said ASSIGNEES, their successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, including any and all divisions, continuations, continuations in part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND the Undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEES or its successors and assigns; the Undersigned agrees that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEES.

AND, the Undersigned further agrees, without any further payment or compensation by said ASSIGNEES or its successors and assigns, upon request of the ASSIGNEES, to communicate to said ASSIGNEES, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings; to testify in any interference or other legal proceedings; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything reasonable to aid said ASSIGNEES, their successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

Page 1 of 3

## Attorney's Docket No. BBNT-390-101

The undersigned hereby authorizes Ropes & Gray LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this $\frac{18}{2}$ day of $\frac{0c+ab+c}{2}$ , 2007.
By: Lite a Verumhand Peter A. Krumhansi
State of massachusetts)
County of middles ex )
On this 18th day of October, 2007 before me, the undersigned notary public, personally appeared Peter A. Krumhansl, proved to me through satisfactory evidence of identification, which was BBN Employee Bodge, to be the person whose name is signed on the preceding or attached document in my presence.
Notary Public
My commission expires $12-21-20/2$

Page 2 of 3

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Attorney's Dock	et No.	BBNT	-390-101
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WITNESS my hand this 5 day of October, 2007.

Michael B. Goldsmith

State of Massachusetts )
County of Widdlesex )

On this 5th day of October, 2007 before me, the undersigned notary public, personally appeared Michael B. Goldsmith, proved to me through satisfactory evidence of identification, which was Standard Rodge Rodge to be the person whose name is signed on the preceding or attached document in my presence.

Notary Public

My commission expires  $\sqrt{2-2/-20/2}$ 

Page 3 of 3

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**RECORDED: 06/04/2008**