

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Robert J. Bobrow	07/07/2008
Aaron Mark Helsing	07/07/2008
Michael J. Walczak	07/07/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BBN Technologies Corp.
<b>Street Address:</b>	10 Moulton Street
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02138
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12169934
<b>CORRESPONDENCE DATA</b>	
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<b>Correspondent Name:</b>	Ropes & Gray LLP
<b>Address Line 1:</b>	One International Place
<b>Address Line 2:</b>	39 / 41 Docketing
<b>Address Line 4:</b>	Boston, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	BBNT-399-101
<b>NAME OF SUBMITTER:</b>	Lise Ann Ruggeri

Total Attachments: 3  
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**PATENT**  
**REEL: 023462 FRAME: 0215**

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**ASSIGNMENT**

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

**VOLUMETRIC IMAGE MOTION-BASED VISUALIZATION**

filed on 7/9/2008 and having serial number 12/169,934 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. ("ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 10 Moulton Street, Cambridge, Massachusetts 02138, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

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 unto said ASSIGNEE, its successors and assigns, their 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 ASSIGNEE or its successors and assigns; the Undersigned agrees that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, the Undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, upon request of the ASSIGNEE, to communicate to said ASSIGNEE, 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 ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

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 7 day of July, 2008.

By: Robert J. Bobrow  
Robert J. Bobrow

State of Massachusetts )  
County of middlesex )

On this 7th day of July, 2008 before me, the undersigned notary public, personally appeared Robert J. Bobrow, proved to me through satisfactory evidence of identification, which was BBN Employee Badge, to be the person whose name is signed on the preceding or attached document in my presence.

Catherine E. Q.  
Notary Public

My commission expires 12-21-2012

WITNESS my hand this 7 day of July, 2008.

By: Aaron Mark Helsinger  
Aaron Mark Helsinger

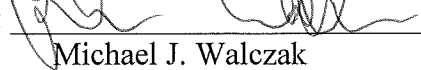
State of Massachusetts )  
County of middlesex )

On this 7th day of July, 2008 before me, the undersigned notary public, personally appeared Aaron Mark Helsinger, proved to me through satisfactory evidence of identification, which was BBN Employee Badge, to be the person whose name is signed on the preceding or attached document in my presence.

Catherine E. Q.  
Notary Public


My commission expires 12-21-2012

WITNESS my hand this 7<sup>th</sup> day of July, 2008.

By:   
Michael J. Walczak

State of Massachusetts )  
County of Middlesex )

On this 7<sup>th</sup> day of July, 2008 before me, the undersigned notary public, personally appeared Michael J. Walczak, proved to me through satisfactory evidence of identification, which was BBN Employee Badge, to be the person whose name is signed on the preceding or attached document in my presence.

  
Notary Public

My commission expires 12-21-2012