

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|---|-------------------------------------|---------------|----------------|---------------------|------------|------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Larry McCloskey</td> <td>01/13/2010</td> </tr> <tr> <td>Bruce F. Offhaus</td> <td>01/13/2010</td> </tr> <tr> <td>Thomas McCafferty</td> <td>01/13/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Larry McCloskey | 01/13/2010 | Bruce F. Offhaus | 01/13/2010 | Thomas McCafferty | 01/13/2010 |
| Name | Execution Date | | | | | | | | |
| Larry McCloskey | 01/13/2010 | | | | | | | | |
| Bruce F. Offhaus | 01/13/2010 | | | | | | | | |
| Thomas McCafferty | 01/13/2010 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Bus-Tech, Inc. | | | | | | | | |
| Street Address: | 26 Crosby Drive | | | | | | | | |
| Internal Address: | Suite 100 | | | | | | | | |
| City: | Bedford | | | | | | | | |
| State/Country: | MASSACHUSETTS | | | | | | | | |
| Postal Code: | 01730 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12688018</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12688018 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12688018 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (978)341-0136 | | | | | | | | |
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| Address Line 4: | Concord, MASSACHUSETTS 01742 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 4427.1000-001 | | | | | | | | |
| NAME OF SUBMITTER: | Nadine Z. Kush | | | | | | | | |
| Total Attachments: 6 | | | | | | | | | |

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**PATENT
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JointASSIGNMENT

WHEREAS, we, **Larry McCloskey, Bruce F. Offhaus and Thomas McCafferty**, have invented a certain improvement in **Assisted Mainframe Data De-Duplication** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. [], filed [];
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and is assigned United States Application No. []];
- which was patented under United States Patent No. [].

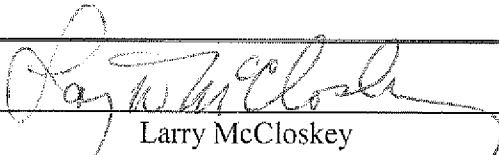
WHEREAS, **Bus-Tech, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **26 Crosby Drive, Suite 100, Bedford, Massachusetts 01730** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

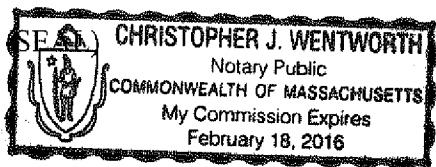
Inventor's Signature: 
Larry McCloskey

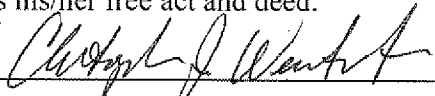
State/Commonwealth
of MASSACHUSETTS
County of MIDDLESEX

On this 13th day of JANUARY 2010, before me, the undersigned notary public, personally appeared Larry McCloskey,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Notary Public 
CHRISTOPHER J. WENTWORTH (print name)
My Commission expires 02/18/2016

Inventor's Signature: _____

Bruce F. Offhaus

State/Commonwealth
of _____

County of _____

On this _____ day of _____ 20____, before me, the undersigned notary public, personally appeared Bruce F. Offhaus,

personally known to me, or

proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public _____

(print name)

My Commission expires ____/____/____

Inventor's Signature: Thomas McCafferty

Thomas McCafferty

State/Commonwealth
of MASSACHUSETTS

County of MIDDLESEX

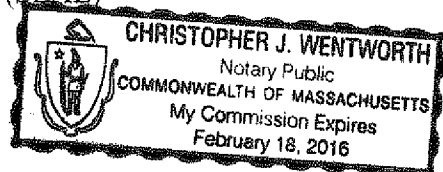
On this 13th day of JANUARY 2010, before me, the undersigned notary public, personally appeared Thomas McCafferty,

personally known to me, or

proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)



Notary Public Christopher J. Wentworth

CHRISTOPHER J. WENTWORTH (print name)

My Commission expires 02 / 18 / 2016

Joint

ASSIGNMENT

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AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____
Larry McCloskey

State/Commonwealth
of _____
County of _____

On this _____ day of _____ 20____, before me, the undersigned notary public, personally appeared Larry McCloskey,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public _____
_____(print name)
My Commission expires ____ / ____ / ____

Inventor's Signature: _____

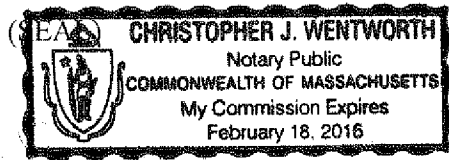
[Handwritten Signature]
Bruce F. Offhaus

State/Commonwealth
of MASSACHUSETTS
County of MIDDLESEX

On this 13th day of JANUARY 2010, before me, the undersigned notary public, personally appeared Bruce F. Offhaus,

- personally known to me, or
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to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Notary Public *[Handwritten Signature]*
CHRISTOPHER J. WENTWORTH (print name)
 My Commission expires 02/18/2016

Inventor's Signature: _____

Thomas McCafferty

State/Commonwealth
of _____
County of _____

On this _____ day of _____ 20____, before me, the undersigned notary public, personally appeared Thomas McCafferty,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public _____
 _____ (print name)
 My Commission expires ____/____/____