

11-15-2000



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To The Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Washington, D.C. 20231. The attached original documents or copy thereof.

1. Name of conveying party(ies):  
John E. Maloney and  
James O. Stevenson

Additional name(s) of conveying party(ies) attached? ( ) YES (X) NO

3. Nature of Conveyance:  
( ) Assignment ( ) Merger  
( ) Security Agreement  
( ) Change of Name  
(X) Other: **Cross-Reference of Assignment Originally Recorded in S.N. 08/855,589 at Reel 8745, Frame(s) 0720-0722**  
Execution Date(s): **October 6, 1997**

2. Name and address of receiving party(ies):  
Name: **Muloc Inc.**  
Street Address: **7630 Little River Turnpike, Suite 212**  
City: **Annandale**  
State: **Virginia** ZIP: **22003**  
Additional name(s) & address attached? ( ) YES (X) NO  
**Please note that the attached Recordation document reflects errors in the Assignee address. The information identified above is correct.**

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
**09/240,889**

B. Patent No.(s)

Additional numbers attached? ( ) YES (X) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:  
Name: **Michael D. Stein**  
Internal Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**  
**One Liberty Place - 46th Floor**  
**Philadelphia, Pennsylvania 19103-7301**  
  
Street Address: **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**  
**One Liberty Place - 46th Floor**  
**1650 Market Street**  
**Philadelphia, Pennsylvania 19103-7301**

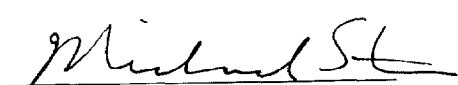
6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41):.....\$40.00  
( ) Enclosed  
(X) Authorized to be charged to Deposit Account Number 23-3050

8. Please charge any deficiency or credit any overpayment to Deposit Account Number 23-3050

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael D. Stein 34,734  Date **10/27/00**  
Name of Person Signing/Reg. No. Signature  
Total number of pages including cover sheet, attachments, and document: **6**

Mail documents to be recorded with required cover sheet information to:

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Box Assignments  
Washington, D.C. 20231

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10-7-97 40 481



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To the Honorable Commissioner of Patents &

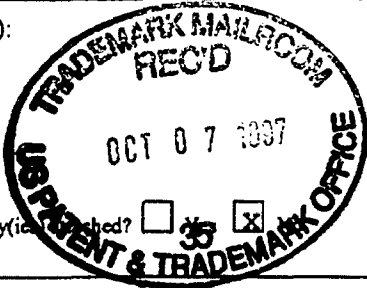
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original documents or copy thereof.

1. Name of conveying party(ies):

John E. Maloney

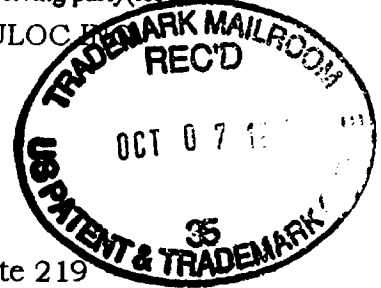
James O. Stevenson



2. Name and address of receiving party(ies):

Name: MULOC

Internal Address:



Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Street Address: Suite 219

7630 Little River Turnpike

City: Annandale, State: VA Zip: 22203

Additional name(s) & address(es) attached?  Yes  No

Execution Date: October 6, 1997

4. Application number(s) or patent number(s): 08/855,589

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)



Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: D. Lee Antton

Internal Address:

Street Address: Antton & Associates P.C.  
1899 L Street, N.W., 5th Fl.  
Washington, DC 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed (Check No. 1407)

Any deficiencies may be charged to deposit account

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8. Deposit account number: 01-0040

(Attach duplicate copy of this page if paying by deposit account)

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01 FC:481

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

D. Lee Antton

October 6, 1997

Date

Name of Person Signing  
Registration No. 32,129

Signature

Total number of pages comprising cover sheet: 3

USA  
**ASSIGNMENT OF PATENT APPLICATION**



(1) John E. Maloney

(2) James O. Stevenson

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree to assign, and hereby do assign, transfer and set over to MULOC INC. (hereinafter MULOC), Suite 219, 7630 Little River Turnpike, Annandale, Virginia 22203 USA, the entire right, title and interest for the United States, its territories, dependencies and possessions, and for every other country of the world, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(3) **ROBUST, EFFICIENT, LOCALIZATION SYSTEM**

for which the undersigned have executed an application for patent in the United States of America or, if not on even date, then has executed

(4) on \_\_\_\_\_ or has already filed

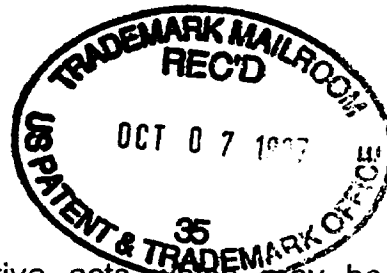
(5) U.S. Application. Serial No. 08/855, 589, filed on May 13, 1997.

The undersigned acknowledge an obligation of assignment of this invention to MULOC at the time the invention was made.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as MULOC may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any proceeding connected with this application for, or any proceeding in connection with Letters Patent which may issue from this application, and to cooperate with MULOC in every way possible in obtaining evidence and going forward with any (and all) such proceeding(s), including interference(s), reexamination(s), reissue(s), and the defense and enforcement of any and all Letters Patent issuing from this application.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.



4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to MULOC.

5) The undersigned hereby authorize(s) and request the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to MULOC, as Assignee of the entire interest, and hereby covenants that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grants D. Lee Antton, Esq., Reg. No. 32,129, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 971006 Signature of Inventor (1) James E. Madoney (SEAL)

Date 10/06/97 Signature of Inventor (2) James D. Peterson (SEAL)

Date \_\_\_\_\_ Signature of Inventor (3) \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 10/6/97 Signature of Witness Amy Lee (SEAL)

Date 10/6/97 Signature of Witness William F. Stinson (SEAL)