| Q. VI-O | |
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| FORM PTO-1595 | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office |
| 1/31/92 07 - 11 | -2000 |
| To the Honorable Commissioner of Paththereof. | ie attached original documents of copies |
| 1. Name of conveying party(ies): | Name and address of receiving party(ies): |
| 1) Herbert H. Hand 2) Katharine G. Hand 3) Herbert G. Hand 4) Daniel J. Shea Additional name(s) of conveying party(ies) attached? [] Yes [X] No. 3. Nature of conveyance: | Alternative Control Systems Corporation 4046B Fernandina Road Columbia, SC 29212-3367 |
| [X] Assignment [] Merger | 57 |
| [] Security Agreement [] Change of Name [] Other: | |
| Execution Dates: 1&2) 3/12/98; 3) 3/16/98; 4) 3/ | 18/98 |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the exec | ution date of the application is: |
| A. Patent Application No.(s) 08/195,440 5,303,523 5,287,648 Additional numbers att |) 4,784,086 6,058,661 5,097,641 5,353,556 4,905,629 ached? [] Yes [X] No |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 8 |
| Lawrence M. Jarvis McAndrews, Held & Malloy 500 West Madison Street 34th Floor Chicago, Illinois 60661 | 7. Total fee (37 CFR 3.41): \$ 320.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 13-0017 (Attach duplicate copy of this page if paying by deposit account) |
| DO NOT I | USE THIS SPACE |
| 07/: 1/2000 ASCOTT 00000107 08195440 01 Faz581 320.00 OP | JOE THIS STAGE |
| Signature and Registration Number: Name of Person Signing: Lawrence M. Jarvis To | 27,341 Date: June 8, 2000 tal number of pages including cover sheet, attachments and document: 8 ited States Postal Service as first class mail, postage prepaid, in an envelop Vashington, D.C. 20231, on this date: June 8, 2000. |

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

THIS ASSIGNMENT is made this 26th day of March, 1998, by Herbert H. Hand, Kathurine G. Hand, and Herbert G. Hand, individually residents of South Carolina, South Carolina, and Tennessee, respectively, and Daniel J. Shea, an individual resident of North Carolina (collectively, the "Assignors"), to Alternative Control Systems Corporation, a South Carolina corporation (the "Assignee").

RECITALS

WHEREAS, Assignors are the owners of all right, title, and interest in and to certain patents, pending patents, and patent applications, as more particularly set forth on Schedule 1 attached hereto (the "Patents"); and

WHEREAS, Assignee desires to acquire the entire interest of Assignors in the Patents;

NOW, THEREFORE, in consideration of the sum of \$10 and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged. Assignors hereby sell, convey, assign, release, transfer and deliver to Assignee, its legal representatives and assigns, all of their right, title, and interest in and to the Patents, such interest to be held to the full term for which letters patent, and any reissue, renewals, or extensions thereof, have been or may be issued therefor.

Assignors agree to execute all instruments and to perform all acts which may be necessary to carry this Assignment into full effect.

[THE NEXT PAGE IS THE SIGNATURE PAGE]

Ratz\ 015108-003\0177000.03\03-30-98

IN WITNESS WHEREOF Assignors have signed and sealed this instrument on the date set forth below.

ASSIGNORS:

| 3-12-93 | -HH Hand | |
|-----------------|-------------------|--|
| Date | Herbert H. Hand | |
| 3-12-98 Date | Katharine G. Hand | |
| Date | Herbert G. Hand | |
| Date | Daniel J. Shea | |

IN WITNESS WHEREOF Assignors have signed and sealed this instrument on the date set forth below.

ASSIGNORS:

Date

Date

Total

Herbert H. H.

Katharine G.

3-16-98

Date

Herbert G.

Date Daniel J. Shea

IN WITNESS WHEREOF Assignors have signed and sealed this instrument on the date set forth below.

| | ASSIGNORS: |
|---------|-------------------|
| Date | Herbert H. Hand |
| Date | Katharine G. Hand |
| Date | Herbert G. Hand |
| 3-18-78 | Daniel J Shea |

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| and a knowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 13th day of March 1919 My Commission Expires: Algebra State Of South Carolina COUNTY OF Lexicator I have also State a Notary Public in and for the County and State | |
|--|--|
| I. Accela S. Trick aforesaid, do Bereby certify that Herbert H. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 15th day of 1900 My Commission Expires: [a] S. 1998 STATE OF | STATE OF South Carolina |
| aforesaid, do filtreby certify that Herbert H. Hand personally appeared before me this day and a knowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the hand for the County and State aforesaid, do betchy certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the half had official stamp or seal, this seal had official stamp or seal seal had officia | COUNTY OF Levington |
| My Commission Expires: | aforesaid, do hereby certify that Herbert H. Hand personally appeared before me this day |
| STATE OF South Carolina COUNTY OF Lexication I. Accelor 5 To ick aforesaid, do hereby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 1215 day of March | Witness my hand and official stamp or seal, this the 13th day of March |
| STATE OF South Carolina COUNTY OF Lexicator I. Accelor 5 To ick aforesaid, do hereby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 1215 day of March | |
| STATE OF South Carolina COUNTY OF Lexication I. Accelor 57-102 aforesaid, do hereby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 1212 day of Manch | Notary Public |
| COUNTY OF Lexication I. Accele 57-100, a Notary Public in and for the County and State aforesaid, do hereby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 15th day of Manch. | My Commission Expires: |
| I. Note to Trick , a Notary Public in and for the County and State aforesaid, do believe certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 122 day of March | 6/38/1998 |
| I. Note to Toick, a Notary Public in and for the County and State aforesaid, do belieby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 122 day of March | STATE OF South Carolina |
| aforesaid, do hereby certify that Katharine G. Hand personally appeared before me this day and acknowledged the due execution of the foregoing instrument. Witness my hand and official stamp or seal, this the 122 day of March | COUNTY OF Lexington |
| Witness my hand and official stamp or seal, this the 1375 day of March | aforesaid, do beteby certify that Katharine G. Hand personally appeared before me this day |
| | Witness my hand and official stamp or seal, this the 12th day of March |
| | |
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My Commission Expires:

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| STATE OF Tennessee | | |
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| COUNTY OF Shelky | | |
| afonesaid, do hereby certify that Herbe and acknowledged the due execution | a Notary Public in and for G. Hand personally appeared of the foregoing instrument. | the County and State before me this day |
| Witness my hand and official su | amp or seal, this the 11th day | of March. |
| | Notal V Public | |
| My Commission Expires: | | |
| MA CONSTRUCTION EXCLES THE 8' 1889 | | |
| COUNTY OF | • | |
| I . | , a Notary Public in and for | the County and State |
| aforesaid, do hereby certify that Daniel acknowledged the due execution of the | J. Shea personally appeared be | fore me this day and |
| | amp or seal, this theday | of, |
| 19 <u>. </u> | V. | , |
| | · | |
| | Notary Public | |
| My Commission Expires: | | |
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RECORDED: 06/12/2000

| STATE OF | | | |
|--|---|--|-------------------------|
| COUNTY OF | | | |
| I, aforwaid, do hereby certify that Herber and acknowledged the due execution of | a Notary Public in To G. Hand personally of the foregoing instrum | n and for the County appeared before m nent. | and State e this day |
| Witness my hand and official sta | mp or seal, this the | day of | · . |
| | | - | |
| | Notary Public | | - |
| My Commission Expires: | | | |
| STATE OF North Carol COUNTY OF Shecklenker Lakalum Haurden | ina. | | |
| actnowledged the due execution of the | of the serious instrument. | sared before me in | s day and |
| Witness my hand and official star | mp or seal, this the 18 | 1 | reh. |
| My Commission Expires: | • | | |
| My Commission Expires August 10, 2002 | | | |
| La 12\015108-003\0177000.02\03-10-98 | 4 | | • |