

01-13-1999



100943985

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment       Security Agreement

License             Change of Name

Merger               Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File       Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name	Execution Date Month Day Year
Name (line 1) <input type="text" value="Mark A. Callahan"/>	<input type="text" value="05-29-98"/>
Name (line 2) <input type="text"/>	

**Second Party**

Name	Execution Date Month Day Year
Name (line 1) <input type="text" value="Jeffrey J. Perloski"/>	<input type="text" value="05-29-98"/>
Name (line 2) <input type="text"/>	

**Receiving Party**

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

Public: burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0851-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 9686 FRAME: 0735**

171-99

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) **Christopher J. Murk**

**06-03-1998**

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) **John N. Merkle**

**05-29-1998**

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) **David A. Franckowiak**

**06-03-1998**

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

### Patent Application Number(s)


### Patent Number(s)


**Correspondent Name and Address**      Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**      Enter the total number of pages of the attached conveyance document including any attachments.      #

**Application Number(s) or Patent Number(s)**       Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/001,689"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month      Day      Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT       PCT       PCT

PCT       PCT       PCT

**Number of Properties**      Enter the total number of properties involved.      #

**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:      Enclosed       Deposit Account

Deposit Account


(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:      #

Authorization to charge additional fees:      Yes       No

**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. Charges to deposit account are authorized, as indicated herein.*

James R. Burdett            01-11-1999

Name of Person Signing      Signature      Date

To the Honorable Commissioner of

07-24-1998



100774168

1 original documents or copy thereof.

63705 U.S. PTC  
09/001689  
07/13/98

1. Name of conveying party(ies):

Mark A. CALLAHAN  
16552 Green Valley Court  
Stewartstown, PA 17349 (U.S.A.)

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

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

AAI Corporation  
Bldg. 110, Dock 110-02  
York Road and Industry Lane  
Cockeysville, MD 21030 (U.S.A.)

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date(s): May 29, 1998; June 3, 1998

4. Application number(s) or patent number(s):

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

- A. Patent Application No.(s)  
09/001,689 filed December 31, 1997
  - B. Patent No(s)
- Additional numbers attached?  Yes  No

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

Name: James R. Burdett, Esq.  
Venable, Baetjer, Howard & Civiletti, LLP  
1201 New York Avenue, N.W.  
Washington, DC 20005-3917  
Telephone: 202-962-4893  
Facsimile: 202-962-8300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$1,046.00  
Enclosed  
 Authorized to be charged to deposit account,  
including deficiencies

8. Deposit Account number: 22-0261

DO NOT USE THIS SPACE

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.

James R. Burdett, Reg. No. 31,594  
Name of person signing

Signature

7/13/98  
Date

Total number of pages including cover sheet, attachments, and document:

Atty. Docket No.: 13346-16465-01

DC2DOCS1/0075678.01

## PATENTS ONLY

To the Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof:

## 1. Additional names of conveying party(ies):

Jefferey PERLOSKI  
20458 Middletown Road  
Freeland, Maryland 21053 (U.S.A.)

Christopher J. MURK  
3400 Lord Baltimore Way  
Monkton, Maryland 21111 (U.S.A.)

John N. MERKLE  
502 Sunfield Court  
Reisterstown, Maryland 21136(U.S.A.)

David A. FRANCKOWIAK  
Fox Bow Drive  
Bel Air, Maryland 21014 (U.S.A.)

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

AAI Corporation  
Bldg. 110, Dock 110-02  
York Road and Industry Lane  
Cockeysville, Maryland 21030 (U.S.A.)

## 3. Nature of conveyance:

- Assignment                       Merger  
 Security Agreement               Change of Name  
 Other

Execution Date(s):

May 29, 1998 (CALLAHAN, PERLOSKI, )  
June 3, 1998 (MURK, MERKLE, FRANCKOWIAK)

Atty. Docket No.: 13346-116465-01

DC2DOCS1/0075678.01

ASSIGNMENT

WHEREAS, WE, Mark Arthur CALLAHAN, a citizen of the United States of America, residing at 16552 Green Valley Court, Stewartstown, PA 17349, U.S.A.; Jeffrey Joseph PERLOSKI, a citizen of the United States of America, residing at 20458 Middletown Road, Freeland, MD 21053, U.S.A.; Christopher Joseph MURK, a citizen of the United States of America, residing at 3400 Lord Baltimore Way, Monkton, MD 21111, U.S.A.; John Nicholas MERKLE, a citizen of the United States of America, residing at 502 Sunfield Court, Reisterstown, MD 21136, U.S.A.; and David Anthony FRANCKOWIAK, a citizen of the United States of America, residing at Fox Bow Drive, Bel Air, MD 21014 U.S.A.; have jointly invented certain new and useful improvements in:

SIMULATED TOGGLE SWITCH

for which an application for Letters Patent in the United States:

- is being executed concurrently herewith;
was filed on 12/31/1997 and assigned Serial No. 09/001,689; and

WHEREAS, AAI Corporation, a corporation duly organized under the laws of Maryland, having a place of business at York Road & Industry Lane, Cockeysville, MD 21030 U.S.A. (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid application in which the invention is disclosed, described and claimed, in and to the above-identified invention for the United States of America and all countries foreign thereto, and in and to any and all Letters Patent to be issued for said invention in the United States of America and all countries foreign thereto, including any and all continuations, divisions, reissues, or extensions of such application or Letters Patent;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, we have bargained, sold and assigned, transferred and set over and by these presents do hereby bargain, sell, assign, transfer and set over unto Assignee, its successors, assigns or other legal representatives, the entire right, title and interest in and to the aforesaid application in which the invention is disclosed, described and claimed, in and to the above-identified invention for the United States of America and all countries foreign thereto, and in and to any and all Letters Patent to be issued for said invention in the United States of America and all countries foreign thereto, and any and all continuations divisions, reissues, or extensions of any such Letters Patent; the said to be held and enjoyed by Assignee for its own use and on behalf of its successors, assigns, or other legal representatives, to the full end of the term or terms for which said Letters Patent may be granted, reissued, or extended as fully and entirely as the same would have been held and enjoyed by us, jointly, if this assignment and sale had not been made.

We further covenant and agree that we will at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention, or any Letters Patent that may be granted therefor, in Assignee, its successors, assigns, or other legal representatives, and that if Assignee, its successors, assigns or other legal representatives desire to secure a reissue or extension or division of any Letters Patent, we will upon request sign all papers, make all rightful oaths, and do all legal acts necessary and requisite for application of such reissue, extension or division and the procuring thereof, but at the expense of Assignee, its successors, assigns or other legal representatives.

We hereby further covenant and agree that we will at any time, upon request, communicate to Assignee, its successors, assigns or other legal representatives, any facts relating to the said invention and Letters Patent, or to the history thereof known to us, and will testify to the same in any interference or litigation, when requested to do so

We hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent covering said invention, or resulting from the aforesaid application to Assignee as the assignee of the entire right, title and interest in and to the said application and invention.

IN WITNESS WHEREOF, we have hereunto set our hand and seal on the date(s) given below.

Form containing signature lines for Inventor's Signature, Date, State of Maryland, County of Baltimore, and Notary Public information.

Inventor's Signature	<i>Jeffrey Joseph Perloski</i>	Date	5/29/98
State of <i>Maryland</i> } County of <i>Baltimore</i> }			
Before me personally appeared said JEFFREY PERLOSKI and acknowledged the foregoing instrument to be his/her free act and deed this <i>29th</i> day of <i>May</i> , 19 <i>98</i> . <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(Seal) Darlene J. Koch, Notary Public Baltimore County State of Maryland</p> <p>My Commission Expires Dec. 1, 2001</p> </div> <div style="width: 45%; text-align: right;"> <p><i>Darlene J. Koch</i> (Notary Public)</p> </div> </div>			
Inventor's Signature	<i>Christopher Murk</i>	Date	6/3/98
State of <i>Maryland</i> } County of <i>Baltimore</i> }			
Before me personally appeared said CHRISTOPHER MURK and acknowledged the foregoing instrument to be his/her free act and deed this <i>3rd</i> day of <i>June</i> , 19 <i>98</i> . <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(Seal) Darlene J. Koch, Notary Public Baltimore County State of Maryland</p> <p>My Commission Expires Dec. 1, 2001</p> </div> <div style="width: 45%; text-align: right;"> <p><i>Darlene J. Koch</i> (Notary Public)</p> </div> </div>			
Inventor's Signature	<i>John Merkle</i>	Date	98/5/29
State of <i>Maryland</i> } County of <i>Baltimore</i> }			
Before me personally appeared said JOHN MERKLE and acknowledged the foregoing instrument to be his/her free act and deed this <i>29th</i> day of <i>May</i> , 19 <i>98</i> . <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(Seal) Darlene J. Koch, Notary Public Baltimore County State of Maryland</p> <p>My Commission Expires Dec. 1, 2001</p> </div> <div style="width: 45%; text-align: right;"> <p><i>Darlene J. Koch</i> (Notary Public)</p> </div> </div>			
Inventor's Signature	<i>David Anthony Franckowiak</i>	Date	6/3/98
State of <i>Maryland</i> } County of <i>Baltimore</i> }			
Before me personally appeared said DAVID FRANCKOWIAK and acknowledged the foregoing instrument to be his/her free act and deed this <i>3rd</i> day of <i>June</i> , 19 <i>98</i> . <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(Seal) Darlene J. Koch, Notary Public Baltimore County State of Maryland</p> <p>My Commission Expires Dec. 1, 2001</p> </div> <div style="width: 45%; text-align: right;"> <p><i>Darlene J. Koch</i> (Notary Public)</p> </div> </div>			