

Docket No.: 112690-981

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
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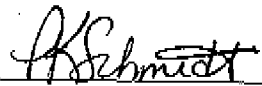
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (1) Tushar Vyas; (2) Edwin James Harris; (3) Stephen J. Whitney Additional names(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Littelfuse, Inc.</u> Address: <u>800 East Northwest Highway</u> City: <u>Des Plaines</u> State/Prov.: <u>Illinois</u> Country: <u>U.S.A.</u> ZIP: <u>60616-3096</u> Additional name(s) & address(es) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>(1), (2) and (3): Dec. 23, 2003</u>		4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: <table border="1"> <tr> <td>Patent Application No.</td> <td>Filing date</td> <td>B. Patent No.(s)</td> </tr> <tr> <td>10/746,020</td> <td>12/23/2003</td> <td></td> </tr> <tr> <td colspan="2">Additional numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</td> <td></td> </tr> </table>		Patent Application No.	Filing date	B. Patent No.(s)	10/746,020	12/23/2003		Additional numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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10/746,020	12/23/2003											
Additional numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Patricia Kane Schmidt</u> Registration No. <u>46,446</u> Address: <u>Bell, Boyd & Lloyd LLC</u> <u>P.O. Box 1135</u> City: <u>Chicago</u> State/Prov.: <u>Illinois</u> Country: <u>U.S.A.</u> ZIP: <u>60690-1135</u>		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> <input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>02-1818</u> (Attach duplicate copy of this page if paying by deposit account)										

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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.

Patricia Kane Schmidt  December 21, 2004
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and 4

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 015483 FRAME: 0882

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ASSIGNMENT

WHEREAS, the undersigned, to wit: Tushar Vyas, Edwin James Harris and Stephen J. Whitney (hereinafter "ASSIGNORS"), are the lawful owners of an invention known as Docket No. 112690-981 and entitled: DIRECT APPLICATION VOLTAGE VARIABLE MATERIAL COMPONENTS, THEREOF AND DEVICES EMPLOYING SAME, for which a patent application of the United States was filed on December 23, 2003 in the United States Patent and Trademark Office having Application Serial No. 10/746,020;

AND WHEREAS, Littelfuse, Inc. (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Delaware and having its principal office and place of business at 800 East Northwest Highway, Des Plaines, Illinois 60616-3096, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

Docket No. 112690-981

Signature

Tushar Vyas
Name: Tushar Vyas

Date Signed

Dec. 23, 2003

Address: 5 Trail Ridge Court
Streamwood, Illinois 60107

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Signature

Edwin James Harris
Name: Edwin James Harris

Date Signed

Dec 23, 2003

Address: 283 Bunting Court
Deerfield, IL 60015-3691

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Docket No. 112690-981

Signature

Stephen J. Whitney

Name: Stephen J. Whitney

Address: 942 Warwick Lane
Lake Zurich, Illinois 60047

Date Signed

Dec. 23, 2003

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed
