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FORM PTO 1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101746960

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Party(ies):

Jeffrey W. Sharp
5410 Galahad Lane
Richardson, TX 75082
Individual Citizenship: United States of America

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

2. Name and Address of receiving Party(ies):

Name: Marlow Industries, Inc.
 Internal Address:
 Street Address: 10451 Vista Park Road
 City: Dallas
 State: Texas Zip: 75238-1645

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

JC976 U.S. PTO
09/872394
06/01/01

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: May 31, 2001

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: May 31, 2001

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Thomas R. Felger, Esq.
 Internal Address: BAKER BOTTS L.L.P.
 Street Address: 2001 Ross Avenue
 City: Dallas
 State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
 (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.

 Luke K. Pedersen

Signature

 6/1/01
 Date

Total number of pages including cover sheet

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Commissioner of Patents and Trademarks
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ASSIGNMENT

WHEREAS, I, the undersigned single inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, MARLOW INDUSTRIES, INC. (hereinafter referred to as "Assignee"), a Texas Corporation, with an address of 10451 Vista Park Road, Dallas, Texas 75238-1645, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all provisionals, divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest

title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

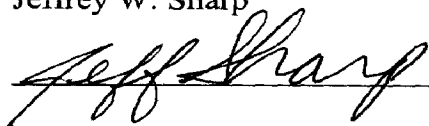
Title of Invention:

Thermoelectric Device Having Co-Extruded P-type and N-type Materials

Full name of sole inventor

Jeffrey W. Sharp

Inventor's signature

_____

Residence (City, County, State)

Richardson (Collin), Texas

Citizenship

United States of America

Post Office Address

5410 Galahad Lane
Richardson, TX 75082

Date Assignment executed:

5/31/01

Date Declaration executed:

5/31/01