

PATENT ASSIGNMENT RECORDATION COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

MPO 7-6-98

1. Name of conveying party(ies):
Thomas L. Thoreson


Additional names of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)

Minnesota Mining and Manufacturing Company
P.O. Box 33427
St. Paul, Minnesota 55133-3427

3. Nature of conveyance: Assignment
 Execution Date(s): **June 23, 1998**

07-23-1998



4. Application number or patent number: **100772037**

This document is being filed with a new patent application on _____.

This document is to be recorded against the following patent application or patent: **09/078,075**

6. Total number of applications and patents involved:

1

x \$40.00

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

Michaele A. Hakamaki
 Minnesota Mining and Manufacturing Company
 Office of Intellectual Property Counsel
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

7. Total fee (37 CFR 3.41) \$40 . Please charge it to Deposit Account No. 13-3723

DO NOT USE THIS SPACE

8. 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.

Michaele A. Hakamaki *Michaele Hakamaki* **09/30/98**

Printed Name of Attorney Signature Date

Total number of pages including cover sheet, attachments, and document: **2**

ASSIGNMENT

Whereas I, the below named inventor, with residence and citizenship as indicated below, have made an invention in

INTUMESCABLE FIRE STOP DEVICE HAVING QUICK FASTENERS

and have executed an application for Letters Patent of the United States of America based thereon; which application is identified in the United States Patent and Trademark Office as U.S. Application Serial No 09/078,075, filed May 13, 1998;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the MINNESOTA MINING AND MANUFACTURING COMPANY (sometimes designated as the Minnesota Mining & Manufacturing Company), a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during my employment by the said Company or within one year thereafter), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made.

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by the said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Minnesota Mining and Manufacturing Company, as the assignee of the entire right, title, and interest therein.

In witness whereof, I have hereunto signed my name on the day and year set forth below.

Thomas L. Thoreson

Thomas L. Thoreson
Residence: White Bear Lake, Minnesota U.S.A
Citizenship: United States of America

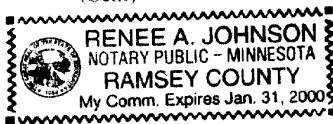
STATE OF MINNESOTA)

) ss.

COUNTY OF RAMSEY)

On this 30th day of June 1998, before me personally appeared the above-named Thomas L. Thoreson, personally known by me, and known by me to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same as his free act and deed, on the day and year aforesaid.

(Seal)



Renee A. Johnson

Notary Public

PATENT