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Our Ref.: 227-98



Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

100783981

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

MD 10-21-97

1. Name of conveying party(ies):
Mauri Esko
Heikki Jantunen
Timo Laitinen
Leo Hakkinen

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:
 Assignment Merger
 Security Assignment Change of Name
 Other _____

Execution Date: 12 September 1997

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

Name: Tamrock Oy
Internal Address: _____
Street Address: Kelloportinkatu 1 B

City: Tampere
State/Country: Finland
Zip: FIN-33100

Additional name/s & address/es attached? Yes No

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: _____

A. Patent Application No(s).
(1) 08/913,512, filed September 16, 1997
(2)
(3)

B. Patent No(s).
(1)
(2)
(3)

Additional numbers attached Yes No

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

Name: Michael J. Keenan
Internal Address: _____
Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor
City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

DO NOT USE THIS SPACE

9. Statements 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.

Michael J. Keenan Michael J. Keenan October 21, 1997
Name of Person Signing Signature Date

Reg. No. 32,106
Number of pages including original cover sheet, attachments, and document: [2]

12/15/1997 PVOLPE 00000114 00712512
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ASSIGNMENT

WHEREAS, Mauri Esko, Sikuri, FIN-39500 Ikaalinen, Finland
Heikki Jantunen, Virontörmänkatu 10 H 95, FIN-33331 Tampere, Finland
Timo Laitinen, Hitsarintie 18 B, FIN-37820 Viiala, Finland
Leo Häkkinen, Jenseninkatu 27 A 14, FIN-33610 Tampere, Finland

have invented certain new and useful improvements in An arrangement in a feed beam of a rock drill

for which we are about to make application for Letters (I/we have made—or am/are about to make)

Patent of the United States of America

AND WHEREAS, Tamrock Oy
Kelloportinkatu 1 B
FIN-33100 Tampere, Finland

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

Ten Dollars (\$10,-)

to us in hand paid, the receipt of which is hereby acknowledged we

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said Tamrock Oy

our entire right, title, and interest in and to the said invention, as fully set forth and described in the:

Delete inapplicable wording

(a) specification prepared and executed by on the day of 19
(b) application filed on the 16th day of September, 1997, Serial No. 08/913,512

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said Tamrock Oy

for their own use and behoof, and for their legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

IN TESTIMONY WHEREOF, hereunto set hand and affix seal at Tampere this 12 day of September, A.D. 1997

Mauri Esko

(Inventor's full Signature)

Heikki Jantunen

Timo Laitinen

Leo Häkkinen

PATENT