

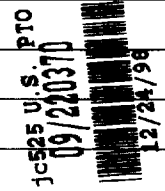


100938774

To the Honorable Commissioner of Patents... 100938774 ...hed original documents or copy thereof.

1. Name of conveying party(ies)
HUGH J. SCOTT
JOHN A. CLARKE
Additional name(s) of conveying party(ies) attached?
Yes ___ No X

2. Name and address of receiving party(ies):
Name: 995598 Ontario Inc. trading as MPI Drilling
Internal Address: _____
Street Address: P.O. Box 2069
City: Picton Prov.: Ontario P.C.: K0K 2T0
Country: Canada
Additional names/addresses attached? Yes ___ No X



3. Nature of conveyance: 12-24-98
X Assignment ___ Merger
___ Security Agreement ___ Change of Name
Other _____
Execution Date: 21, 22 December, 1998

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:
21, 22 December, 1998
A. Patent Application No.(s)

B. Patent No.(s)
Additional numbers attached? Yes ___ No X

5. Name and address of party to whom correspondence concerning
document should be mailed:
Name: Timothy J. Sinnott
Internal Address: c/o Bereskin & Parr
Street Address: Box 401, 40 King Street West
City: Toronto State: Ontario ZIP: M5H 3Y2
Country: Canada

6. Total number of applications and patents involved: ONE
7. Total fee (37 CFR 3.41)\$40.00
X Enclosed
X Authorized to charge any deficiencies to our deposit account no. 02-2095.
8. Deposit account number:
02-2095
(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.
Timothy J. Sinnott, Regn. 31,083
Name of Person Signing
BP File # 7975-10
[Signature]
Signature
Dec 23 1998
Date
Total number of pages comprising cover sheet: 3

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ASSIGNMENT

WHEREAS we, Hugh J. Scott and John A. Clarke, whose full post office addresses are 300 Noxon Avenue, Wellington, Ontario, Canada, K0K 3L0; and R.R. #2, Picton, Ontario, K0K 2T0, respectively, have invented certain new and useful improvements in an invention entitled **VIBRATORY DRILL HEAD APPARATUS**, and executed on even date herewith

AND WHEREAS 995598 Ontario Inc. trading as MPI Drilling, an Ontario corporation, of P.O. Box 2069, Picton, Ontario, K0K 2T0, Canada, has acquired from us the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

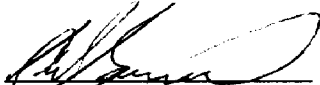
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, Hugh J. Scott and John A. Clarke, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said 995598 Ontario Inc. trading as MPI Drilling, the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

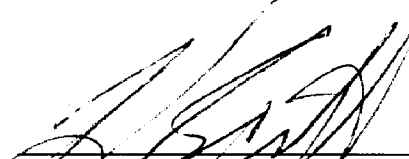
We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said 995598 Ontario Inc. trading as MPI Drilling, the assignee of the entire right, title and interest in and to the same, for its

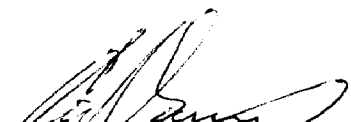
sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.


SIGNED this 21 day of December, 1998, at Pictou, Ontario, Canada.


Witness


Hugh J. Scott

SIGNED this 22 day of Dec, 1998, at Pictou, Ontario, Canada.


Witness


John A. Clarke