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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

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

1. Name of conveying party(ies): Scott R. Williams

3-31-03

2. Name and address of receiving party(ies) Name: Harrison R. Cooper Systems, Inc.

Internal Address:

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

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Street Address: 106 West 200 North

City: Bountiful State: UT Zip: 84010

Execution Date: 19th day of March, 2003

Additional name(s) & address(es) attached? Yes [X] 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)

B. Patent No.(s)

10/112,496

Additional numbers attached? Yes [] No [X]

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

Name: Robert R. Mallinckrodt

Internal Address:

Street Address: 10 Exchange Pl., Ste. 510

Salt Lake City, Utah 84111

City: State: Zip:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

[X] 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.

Robert R. Mallinckrodt

[Signature]

3/24/03

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 013903 FRAME: 0134

ASSIGNMENT

WHEREAS, I, Scott R. Williams, a citizen of the United States of America, and resident of Farmington, County of Davis, State of Utah, and employee of Harrison R. Cooper Systems, Inc., a Corporation of the State of Utah, whose principal offices are located at 106 West 200 North, Bountiful, Utah 84010, have invented a certain new and useful

APPARATUS FOR SAMPLING DRILL HOLE CUTTINGS

described and claimed in the application for United States Letters Patent Serial No. 10/112,496, filed March 28, 2002;

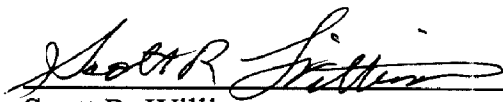
WHEREAS, said Harrison R. Cooper Systems, Inc., is desirous of acquiring the entire right, title, and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may be granted on said invention;

NOW, THEREFORE, for and in consideration of my said employment by Harrison R. Cooper Systems, Inc. and of other good and valuable consideration, receipt of which is hereby acknowledged, I, Scott R. Williams, by these presents do sell, assign, and transfer to the said Harrison R. Cooper Systems, Inc. my entire right, title and interest in and to the invention for the United States of America, its territories and possessions, and for all foreign countries, in and to the application for patent, including any divisional, substitute, or continuation application which may grow out of or replace the said application for patent, in and to any Letters Patent issuing from the said application or applications and any reissues or extensions of said Letters Patent, and in and to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property; the invention, application or applications, Letters Patent, and any reissues or extensions thereof to be held and enjoyed by the said Harrison R. Cooper Systems, Inc. for its own use and behoof and for its legal representatives, successors, or assigns, to the full end of the term or terms for which said Letters

for which said Letters Patent and any reissues or extensions thereof may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

And I covenant and agree that, at the request of the said Harrison R. Cooper Systems, Inc., its legal representatives, successors, or assigns, I will, without demanding any further consideration therefor and without expense to me do all lawful and just acts, including the execution and acknowledgment of instruments which may be or may become necessary for sustaining, reissuing or extending said Letters Patent, and for maintaining and perfecting the said Harrison R. Cooper Systems, Inc.'s right to the invention and Letters Patent and will testify in cases of interference and litigation when requested to do so by the said Harrison R. Cooper Systems, Inc.

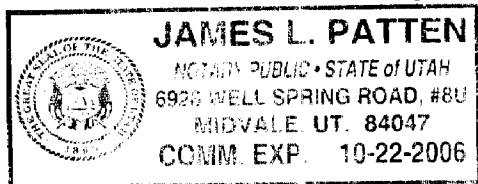
Executed this 19 day of March, 2002.

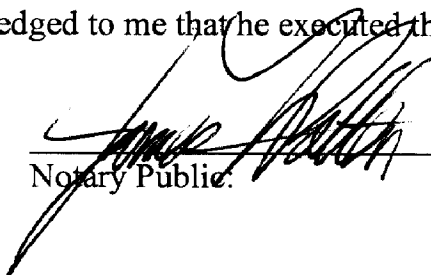


Scott R. Williams

STATE OF UTAH)
 :SS
County of SALT LAKE)

On this 19th day of March, 2002, personally appeared before me, Scott R. Williams, the signer of the above instrument, who duly acknowledged to me that he executed the same.





Notary Public.