

11-19-1998



100902841

Date:

1030-13904

November 10, 1998

ASSIGNMENT (DOCUMENT) COVER SHEET - PATENT

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

1. Name of conveying party(ies) (Assignor):

James C. Minikus, Chris E. Cawthorne,
Stephen C. Steinke, Gary R. Portwood,
Gary E. Garcia and David P. Moran

2. Name and address of party(ies) to whom transfer is made:

Smith International, Inc.
16740 Hardy Street
Houston, Texas 77032

3. Nature of conveyance:

☒ Assignment ☐ Change of Name ☐ Other _____

Execution Date: October 20, 1998 and October 21, 1998

4. Identification of application:

Inventor(s): James C. Minikus, Chris E. Cawthorne, Stephen C. Steinke,
Gary R. Portwood, Gary E. Garcia and David P. Moran
Serial/Patent No.: 09/146,154
Filing Date: September 3, 1998
Title of Invention: Cutter Element with Non-Rectilinear Crest

5. Address to which document should be returned after recordal:

MARCELLA D. WATKINS
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267


6. Total number of pages including cover sheet, attachments and document: 6

7. Fee payment is provided for as follows:

- ☐ New Application Transmittal (Item 13)
☐ FWC Transmittal (Item VIII)
☒ Attached is a check in the sum of \$40.
☒ Charge account No. 03-2769 if any additional fee is due or credit account No. 03-2769 with any overpayment.
☐ Charge account No. 03-2769 for any fees due..

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.


MARCELLA D. WATKINS
Reg. No. 36,962
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
Tel. No. (713) 238-8000

40.00
09146154
JWATKINS 00000107
01/18/1998
FC-581

Total Number of Pages: 6
PATENT

REEL: 9585 FRAME: 0461

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by Smith International, Inc., the receipt and sufficiency of which are hereby acknowledged, we, **James C. Minikus, Chris E. Cawthorne, Stephen C. Steinke, Gary R. Portwood, Gary E. Garcia and David P. Moran** ("ASSIGNORS"), having made an invention in **Cutter Element with Non-Rectilinear Crest**, while in the employ either as an employee or consultant of Smith International, Inc., a corporation organized and existing under the laws of the State of Delaware, doing business at 16740 Hardy Street, Houston, Texas 77032 (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said Smith International, Inc. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **Cutter Element with Non-Rectilinear Crest**;
2. United States of America patent application on said invention, Serial No. 09/146,154, filed September 3, 1998, Attorney's File No. 1030-13904, entitled **Cutter Element with Non-Rectilinear Crest**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention,

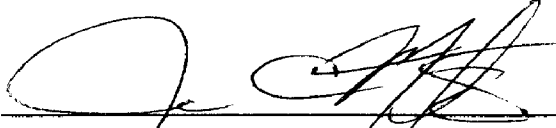
applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.


EXECUTED at Houston, Texas on the date indicated below, opposite our signatures.

ASSIGNORS

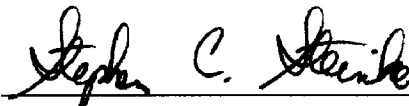
Date: 10/21/98


James C. Minikus

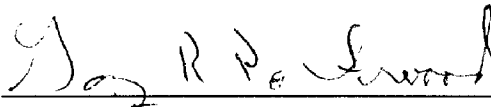
Date: 10/20/98


Chris E. Cawthorne

Date: 10/22/98


Stephen C. Steinke

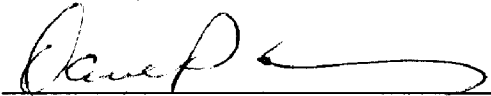
Date: 10/20/98


Gary R. Portwood

Date: 10/20/98


Gary E. Garcia

Date: 10/20/98


David P. Moran

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **JAMES C. MINIKUS**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

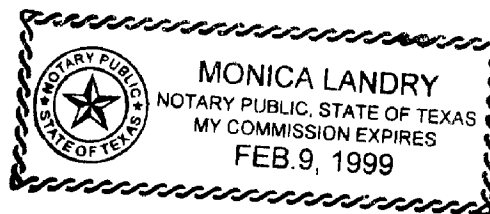
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/98

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §



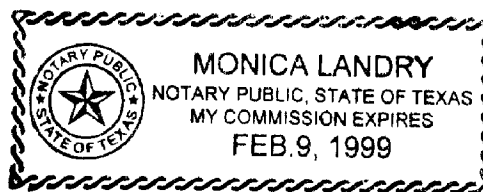
BEFORE ME, the undersigned authority, on this day personally appeared **CHRIS E. CAWTHORNE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/98



THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared **STEPHEN C. STEINKE**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

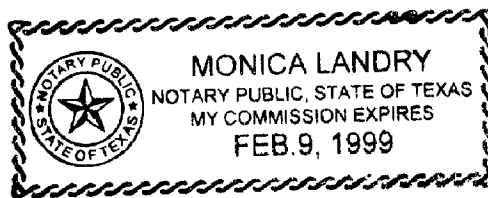
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/98

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §



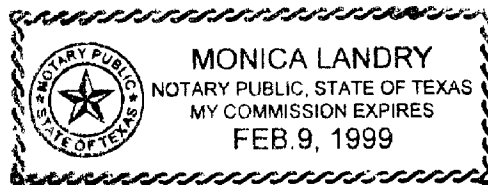
BEFORE ME, the undersigned authority, on this day personally appeared **GARY R. PORTWOOD**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/98



THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

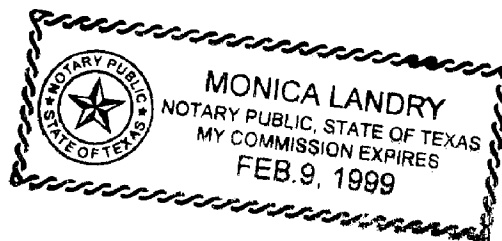
BEFORE ME, the undersigned authority, on this day personally appeared **GARY E. GARCIA**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/99



THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

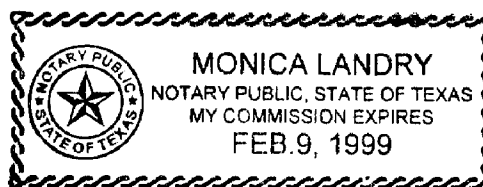
BEFORE ME, the undersigned authority, on this day personally appeared **DAVID P. MORAN**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 20 day of Oct, 1998.

[S E A L]

Monica Landry
Notary Public in and for
the State of T E X A S

My Commission Expires: 2/9/99



k:\s\si\13904\Assignment