

OMB No. 0651-0011 (exp. 4/94)

Tab settings



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To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Vaughn H. MARTIN
Daniel G. LUKAS
Bryan P. GENTILE
Matthew C. CROWELL

07/24/02

2. Name and address of receiving party(ies)

Name: Vamco International, Inc.

Internal Address:

Street Address: 555 Epsilon Drive

City: Pittsburgh

State: PA ZIP: 15238

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

3. Nature of conveyance:

- Assignment Merger
Security Agreement Change of Name
Other

Execution Date: July 8, 2002

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)

PCT/US01/43698, filed November 16, 2001

B. Patent No.(s)

Additional numbers attached? Yes No

RECORDS SECTION
JUL 27 11:4
2002

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

Name: Richard L. Byrne

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

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

- Enclosed
Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Reg. No. 28,498

Richard L. Byrne

Name of Person Signing

Signature

July 19, 2002

Date

Total number of pages including cover sheet, attachments and document 4

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office Office of Public Records, Crystal Gateway 4, Room 335 Washington, D.C. 20231

07/25/2002 LMUELLER 00000169 PCT/US01/43698

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(W0006945.1)

ASSIGNMENT

WHEREAS, WE, Vaughn H. MARTIN, Daniel G. LUKAS, Bryan P. GENTILE and Matthew C. CROWELL, residing at the addresses below our signatures, have invented certain new and useful improvements in METHOD AND APPARATUS FOR DETERMINING AND SETTING MATERIAL RELEASE MECHANISM TIMING FOR A MATERIAL FEED MECHANISM for which an international patent application was filed under the Patent Cooperation Treaty (the PCT Application) on 16 November 2001 bearing Application No. PCT/US01/43698;

AND, WHEREAS VAMCO INTERNATIONAL, INC., a corporation of Pennsylvania, having a place of business at 555 Epsilon Drive, Pittsburgh, Pennsylvania 15238, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said PCT application and the inventions and improvements therein disclosed and claimed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said PCT application and the inventions and improvements therein disclosed and claimed for all countries designated therein and any Letters Patent which may issue therefor in each of said designated countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

We covenant that we are the lawful owners of said PCT application, said inventions, and said improvements, that the same are unencumbered, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful declarations and oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce

full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date: 7/8, 2002.

V. H. Martin

Vaughn H. Martin
187 Wedgewood Drive
Gibsonia, PA 15044

COMMONWEALTH OF PENNSYLVANIA :
: ss:
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Vaughn H. Martin, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 8th day of July, 2002.

[NOTARIAL SEAL]

Notarial Seal
Bonnie M. Hemphill, Notary Public
O'Hara Twp., Allegheny County
My Commission Expires May 4, 2006
Member, Pennsylvania Association Of Notaries

Bonnie M. Hemphill
Notary Public

Date: July 8, 2002.

Daniel G. Lukas

Daniel G. Lukas
617 Ravencrest Road
Pittsburgh, PA 15215

COMMONWEALTH OF PENNSYLVANIA :
: ss:
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Daniel G. Lukas, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 8th day of July, 2002.

[NOTARIAL SEAL]

Bonnie M. Hemphill
Notary Public

Notarial Seal
Bonnie M. Hemphill, Notary Public
O'Hara Twp., Allegheny County
My Commission Expires May 4, 2006
Member, Pennsylvania Association Of Notaries

Date: 7/8/02, 2002.

Bryan P. Gentile
Bryan P. Gentile
226 Sweet Gum Road
Pittsburgh, PA 15238

COMMONWEALTH OF PENNSYLVANIA :
: ss:
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Bryan P. Gentile, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 8th day of July, 2002.

[NOTARIAL SEAL]

Notarial Seal Bonnie M. Hemphill, Notary Public O'Hara Twp., Allegheny County My Commission Expires May 4, 2006 Member, Pennsylvania Association Of Notaries
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Bonnie M. Hemphill
Notary Public

Date: July 8, 2002.

Matthew C. Crowell
Matthew C. Crowell
109 Carousel Drive
Delmont, PA 15626

COMMONWEALTH OF PENNSYLVANIA :
: ss:
COUNTY OF Allegheny :

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Matthew C. Crowell, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 8th day of July, 2002.

[NOTARIAL SEAL]

Notarial Seal Bonnie M. Hemphill, Notary Public O'Hara Twp., Allegheny County My Commission Expires May 4, 2006 Member, Pennsylvania Association Of Notaries
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Bonnie M. Hemphill
Notary Public

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