d original documents or copy thereof.

No

To the Director, U.S. Patent and Trac

103167399

Name of conveying parties: Name and address of receiving party:

Charles C. Hill

2. Theodore B. Hill

Additional name(s) of conveying party(ies)

attached?

() Yes (X)

3. Nature of conveyance:

(X) Assignment

() Security Agreement () Change of Name

No

() Merger () Other:

Execution Date:

1. January 18, 2006

2. January 18, 2006

5. Party to whom correspondence concerning document should be mailed:

Customer No. 20,995

Address: Knobbe, Martens, Olson & Bear, LLP

2040 Main Street, 14th Floor

Irvine, CA 92614 **Return Fax: (949) 760-9502**

Attorney's Docket No.: HILLEN.001A

7. Total fee (37 CFR 1.21(h)): \$40

(X)Enclosed

Name: Hill Engineering

Street Address: 6349 Nancy Ridge Drive, Suite A

City: San Diego State: CA

T

ZIP: 92121

Additional name(s) of receiving party(ies) attached?

() Yes (X)

4. US or PCT Application number(s) or US Patent number(s):

Application(s) filed herewith (X)

Additional numbers attached?

Yes (X) No

Total number of applications and patents involved: 1

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

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.

Signature

Thomas R. Arno Name of Person Signing

> 40,490 Registration No.

01/23/2006 KBETEMA1 00000016 1133528

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

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PATENT REEL: 017503 FRAME: 0910

PATENT

Client Code: HILLEN.001A

Page 1

ASSIGNMENT

WHEREAS, We, Charles C. Hill, a U.S. citizen, residing at 2518 Via Merano, Del Mar, CA 92014 and, Theodore B. Hill, a U.S. citizen, residing at 7516 Raven Ridge Point, San Diego, CA 92126, have invented certain new and useful improvements in a HIGH EFFICIENCY FLUID MOVERS for which we have executed an application for Letters Patent in the United States, herewith;

AND WHEREAS, Hill Engineering (hereinafter "ASSIGNEE"), a partnership, with its principal place of business at 6349 Nancy Ridge Drive, Suite A, San Diego, CA 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of JANUARY, 20 0.6

Charles C. Hill

PATENT REEL: 017503 FRAME: 0911

PATENT Client Code: HILLEN.001A

Page 2

STATE OF California | ss. COUNTY OF San Diego | ss.

On June 18 1200 before me, Karla Darl Wary wolf personally appeared Charles C. Hill personally known to me (or proved to me on the basis of satisfactory evidence) to be the person in whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ics), and that by his signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of JANUALY,

2006

Theodore B. Hill

STATE OF California COUNTY OF San Diego ss.

On January 18 206 before me, Karla Bara Notary fubic, personally appeared Theodore B. Hill personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(185), and that by his signature(x) on the instrument the person(x) or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

KARLA BARE
Commission # 1835638
Notary Public - California
San Diego County
My Comm. Expires Dec 17, 2008

Notary Signature

2184990 120805

PATENT

Client Code: HILLEN.001A

Page 1

ASSIGNMENT

WHEREAS, Wc, Charles C. Hill, a U.S. citizen, residing at 2518 Via Merano, Del Mar, CA 92014 and, Theodore B. Hill, a U.S. citizen, residing at 7516 Raven Ridge Point, San Diego, CA 92126, have invented certain new and useful improvements in a HIGH EFFICIENCY FLUID MOVERS for which we have executed an application for Letters Patent in the United States, herewith;

AND WHEREAS, Hill Engineering (hereinafter "ASSIGNEE"), a partnership, with its principal place of business at 6349 Nancy Ridge Drive, Suite A, San Diego, CA 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and extensions thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of JANUARY, 20 0.6

Charles C. Hill

COPY
DO NOT RECORD

PATENT REEL: 017503 FRAME: 0913

-17-2006 11:03PM

PATENT

Client Code: HILLEN.001A

Page 2

STATE OF California | ss. COUNTY OF San Diego | ss.

On June 18, 1870 before me, Karla Bare Wharp bersonally appeared Charles C. Hill personally known to me (or proved to me on the basis of satisfactory evidence) to be the person (a) whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity (ies), and that by his signature (x) on the instrument the person (x), or the entity upon behalf of which the person (x) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of JANUARY,

بان 20

Theodore B. Hill

STATE OF California COUNTY OF San Diego ss

On Jamery & Defore me, Karla Bare Noticy fubic, personally appeared Theodore B. Hill personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(x) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ks), and that by his signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

2184990 120805

COPY
DO NOT RECORD

PATENT REEL: 017503 FRAME: 0914

RECORDED: 01/19/2006