

8/19/05

Docket No.:

34

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(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV. 1

08-29-2005

U.S. DEPARTMENT OF COMMERCE
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To the Director of the United States Patent and Trademark Office

attached original documents or copy thereof.

1. Name of conveying party(ies):

Adam C. Schmidt
Richard A. Schmidt

2. Name and address of receiving party(ies):

Name: J Integral Engineering, Inc

Internal Address: _____

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 165 SW Tualatin Loop

City: West Linn State: OR ZIP: 97068

Execution Date: August 16, 2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(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)

11/161,113

Additional numbers attached? ☐ Yes ☒ No

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

Name: Timothy E. Siegel

Internal Address: _____

6. Total number of applications and patents involved: 1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number: _____

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

08/24/2005 HSETACHE 00000026 11161113

01 FC:8021

(40.00 OP)

Street Address: 1868 Knapps Alley, Suite 206

City: West Linn State: OR ZIP: 97068

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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 E. Siegel

August 16, 2005

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 1

Mail documents to be recorded with required cover sheet information to:

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PATENT

REEL: 016915 FRAME: 0182

Docket No.
J11.001.US

☒ *United States of America rights, title and interest in the invention*

Foreign rights, title and interest in the invention

☐ *United States Patent Application Serial No.*

Date of Execution:

Date of Filing:

☐ **United States Provisional Patent Application Serial No.**

☐ *United States Patent No(s).*

☐ *International (PCT) Patent Application Serial No.*☐ *Other (specify)*

HIGH ENERGY GAS FRACTURING CHARGE DEVICE AND METHOD OF USE

[illegible]

<i>Name</i>	<i>Address</i>
J Integral Engineering, Inc.	165 S.W. Tualatin Loop West Linn, OR 97068

Docket No.
J11.001.US

AUG 19 2005

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

[illegible]

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
J11.001.US

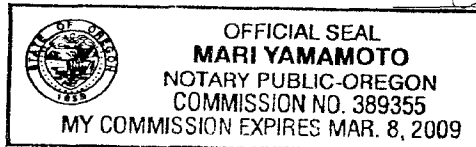
Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 22 day of July, in the year 2005
at West Linn

State of Oregon

County of Clackamas



(Signature of Inventor)

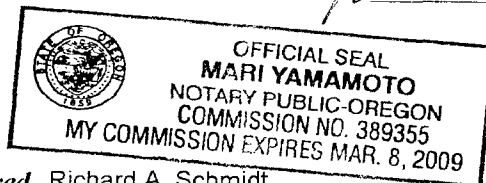
Before me personally appeared Adam C. Schmidt
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 22 day of July, in the year 2005

(Notary Public)

Executed this 22 day of July, in the year 2005
at West Linn

State of Oregon

County of Clackamas



(Signature of Inventor)

Before me personally appeared Richard A. Schmidt
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 22 day of July, in the year 2005

(Notary Public)

Executed this day of, in the year
at

State of

County of

Before me personally appeared
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this day of, in the year

(Notary Public)