

07-23-1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ReSub.



100773073

To the Honorable Commissioner of

1. Name of conveying party(ies):
PENNELLE, Kurt D.MRP
7-22-98

Check original documents or copy thereof

2. Name and address of receiving party(ies):
Name: Georgia Tech Research Corporation
Internal Address: Additional name(s) of conveying party(ies) attached: ☐ Yes ☒ No

3. Nature of Conveyance:

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

Street Address: 400 Tenth StreetCity Atlanta State Georgia Zip 30332-0415

Additional name(s) & address(es) attached?

☐ Yes ☒ NoExecution Date: 07 April 1998

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)

09/056,487

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Todd DeveauInternal Address: DEVEAU, COLTON & MARQUISTwo Midtown Plaza, Suite 1400Street Address: 1360 Peachtree Street, N.E.City Atlanta State Georgia Zip 30309-32096. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41): \$ 0.00

- ☒ Enclosed \$ 20.00 by check
☐ Authorized to be charged to deposit account

8. Deposit account number: 04-0925

(Attach duplicate 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.*Todd Deveau

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

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

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04/07/98

JCS87 U.S. PTO

04-14-1998

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

100685750

Attorney Docket No.

10133-220A

Total Pages

First Named Inventor or Application Identifier

PENNEL, Kurt D.

Express Mail Label No.

EL007555092US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 14]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s) (2 pages)
 - Abstract of the Disclosure (1 page)
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
(Note Box 5 below)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submissions
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☐ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ Small Entity ☐ Statement filed in prior application,
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

006980

or ☐ Correspondence address: below

(Insert Customer No. or Attach bar code label here)

NAME	Todd Deveau				
	Deveau, Colton & Marquis				
ADDRESS	Two Midtown Plaza, Suite 1400				
	1360 Peachtree Street, NE				
CITY	Atlanta	STATE	GA	ZIP CODE	30309-3209
COUNTRY	US	TELEPHONE	(404) 875-3555	FAX	(404) 875-8505

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PATENT
REEL: 9339 FRAME: 0489

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
10733-220A

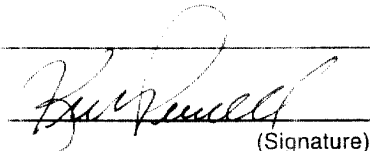
Whereas, I, Kurt D. Pennell of Atlanta, Georgia, hereafter referred to as applicant, have invented certain new and useful improvements in Density Modification Displacement to Remediate Contaminated Aquifers

- ☐ for which an application for a United States Patent was filed on _____
Application Number _____ / _____
- ☒ for which an application for a United States Patent was executed on April 7, 1998, and

Whereas, Georgia Tech Research Corp. of Atlanta, Georgia herein referred to "assignee" whose post office address is 400 Tenth Street, Atlanta, GA 30332-0415 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

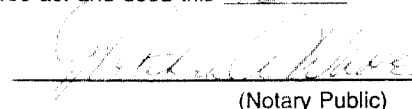
Executed this 7th day of April, 1998,
at Atlanta, GA


(Signature)

State of Georgia) SS:
County of Fulton)

Before me personally appeared said Kurt D. Pennell
and acknowledged the foregoing instrument to be his free act and deed this 7th
day of April, 1998

Seal


(Notary Public)

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PATENT
REEL: 9339 FRAME: 0490

DEVEAU, COLTON & MARQUIS

TWO MIDTOWN PLAZA

SUITE 1400

1360 PEACHTREE STREET, N.E.

ATLANTA, GEORGIA 30309-3209

U.S.A.

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PATENT, TRADEMARK AND COPYRIGHT LAW
AND RELATED MATTERS EXCLUSIVELY

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21 July, 1998

Via Express Mail

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Assignment Division
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1213 Jefferson Davis Highway, Suite 320
Washington, DC 20231

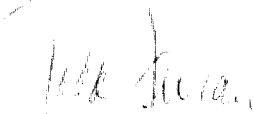
Re: U.S. Patent Application
**DENSITY MODIFICATION DISPLACEMENT
TO REMEDIATE CONTAMINATED AQUIFERS**
Serial No.: 09/056,487
Filed: 07 April 1998
Our File: 10733-220A

Dear Sir:

Enclosed for recording is the resubmitted Assignment assigning all right, title and interest in and to the above-identified patent application. As the Assignment is now accompanied with an Assignment cover sheet, it is respectfully requested that the Assignment document is now in condition to be recorded.

As the \$40.00 recordation fee was received by the U.S. Patent and Trademark Office on 13 April 1998, it is believed that no further fee is required. However, the Commissioner is hereby authorized to charge any deficiency in fees or credit any overpayment to PTO Deposit Account No. 04-0925.

Respectfully submitted,



Todd Deveau

FP'g. 1998, corr. 005, 13 In

Enclosures: Assignment; New Cover Sheet; Return Post Card

RECORDED: 07/22/1998

PATENT
REEL: 9339 FRAME: 0491