

09-16-2008

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103524881

To the Director of the U.S. Patent and

documents or the new address(es) below.

1. Name of conveying party(ies)

LARRY E. BEETS

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) AUGUST 20, 2008 (08-20-2008)

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: DIVERSIFIED TECHNOLOGIES SERVICES, INC.

Internal Address: _____

Street Address: 2680 WESTCOTT BOULEVARD

City: KNOXVILLE

State: TENNESSEE

Country: U.S.A. Zip: 37931

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/648,819

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: M. ALEX BROWN, PATENT ATTORNEY

Internal Address: ALEX BROWN LAW FIRM

Street Address: P.O. BOX 70501

City: KNOXVILLE

State: TENNESSEE Zip: 37938-0501

Phone Number: (865) 531-3430

Fax Number: (865) 694-0848

Email Address: suasponter911@hotmail.com

6. Total number of applications and patents involved: ONE (1)

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

M. Alex Brown
Signature

09/12/2008
Date

M. ALEX BROWN, PATENT ATTORNEY
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450
09/15/2008 MJM/AL 00000016 11648819

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40.00 UP

PATENT
REEL: 021537 FRAME: 0752

ASSIGNMENT

WHEREAS, I, Larry E. Beets of KNOX County, Tennessee (TN), USA (hereinafter referred to as ASSIGNOR); whose mailing address is 1816 Pinestraw Lane, Knoxville, TN 37932; as the original co-inventor, and I own the subject matter, by virtue of an undivided ½ (one-half) interest, which is claimed and for which a patent is sought on the invention (hereinafter referred to as the INVENTION); entitled: "Method and device for evaporate/reverse osmosis concentrate and other liquid solidification"; the specification of which was filed on 12/30/2006 (December 30, 2006), as U.S. Application Number 11/648,819 (hereinafter referred to as the APPLICATION); do hereby desire to assign all of my rights, title and interest in and to the APPLICATION, the INVENTION, and all interests, documents and patent applications related thereto, and all other financial, property, patent or intellectual property interests related to said APPLICATION and INVENTION in this Assignment document, in accordance with the DTS PATENT EMPLOYMENT AGREEMENT ("PEA") executed by me on 10/27/2006 (October 27, 2006);

WHEREAS, Diversified Technologies Services, Incorporated ("DTS") HAVING A POSTAL ADDRESS OF 2680 Westcott Boulevard, Knoxville, Tennessee 37931 (hereinafter referred to as ASSIGNEE) desires to acquire the entire right, title and interest in and to the APPLICATION and INVENTION in the United States and all foreign countries of the world; and to exercise its rights under said PEA;

NOW, THEREFORE, in consideration of amounts and consideration provided to ASSIGNEE under the PEA, and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the ASSIGNOR by these presents does sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the INVENTION in the United States of America, its territories, dependencies and possession, and all foreign countries; and the entire right, title and interest in and to the INVENTION, APPLICATION or any related application or filing, and to any and all Letters Patent(s) or grants of patent protection which may be granted therefore in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries; and, without limitation, to any and all applications, divisions, reissues, continuations, continuations-in-part, renewals, substitutes, conversions and extensions thereof for the full term or terms of which the same may be granted; and all other financial, property, patent or intellectual property interests related in any way to said APPLICATION and INVENTION.

ASSIGNOR hereby represents, warrants and covenants that he has the full right as co-owner and co-inventor in said APPLICATION, and of said INVENTION, to convey this entire interest, constituting said undivided ½ (one-half) interest, which is herein assigned; that he is the co-inventor of the INVENTION and that no assignment, sale, agreement, or encumbrance has been made or will be made or entered into by ASSIGNOR which would conflict with this ASSIGNMENT; and the Rights assigned herein are not otherwise encumbered by any grant, license or right, except those set forth in said PEA.

ASSIGNOR further agrees to supply to ASSIGNEE, upon request, access to and possession of all lab notebooks and any other material or data, which contain information about the INVENTION, APPLICATION, or any other data, matter or material which relates to said INVENTION and APPLICATION;

AND ASSIGNOR further covenants and agrees that ASSIGNOR will at any time upon request made, execute and deliver without further additional separate compensation or expense, any and all other instruments in writing, including, without limitation, further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of ASSIGNEE, its successors or assigns, need to be done in furtherance of patent protection matters anywhere in the world, or to more effectively secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said INVENTION and APPLICATION and related

applications; and Rights hereby sold, assigned, transferred and/or conveyed in this ASSIGNMENT; and that ASSIGNOR will sign, without limitation, any and all applications, divisions, reissues, continuations, continuations-in-part, renewals, substitutes, conversions and extensions, or related applications, administrative documents, written materials or paper work thereof of said INVENTION, APPLICATION or any related or resulting applications, Letters Patent and/or protective patent rights or grants;

AND ASSIGNOR further covenants and agrees that ASSIGNOR will at any time upon request communicate to the ASSIGNEE, its successors, assigns or other legal representatives any facts relating to the aforesaid INVENTION, APPLICATION, or related applications or matters, known to him; and will testify as to the same in any interference, Litigation, mediation, arbitration or other proceeding, or action in any forum when requested to do so.

The ASSIGNOR hereby authorizes and requests Officials of the Patent and Trademark Office in the United States of America and such offices in any foreign countries, or in any Offices or locations operating under Treaty of member countries; to issue any and all Letters Patents or Patent Protection Papers or Documents resulting from said APPLICATION or INVENTION; or, without limitation, any related application or any continuing, divisional, conversion or reissue applications thereof, or any National, International and/or Foreign applications thereof, to the said ASSIGNEE, as same, for ASSIGNEE'S sole use, ownership and/or benefit, and for the use and benefit of ASSIGNEE'S legal representatives and successors, to the full end of the terms for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this ASSIGNMENT not been made herein; and the ASSIGNOR FURTHER authorizes and requests that all such offices communicate with the ASSIGNEE herein regarding all such matters. ASSIGNOR further hereby covenants in this regard, that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement or document in conflict herewith.

The ASSIGNOR hereby further grants the Law Offices of M. Alex Brown, Patent Attorney, or its other legal representatives, the power to insert on or with this ASSIGNMENT any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office, or any foreign Patent Office, for recordation of this ASSIGNMENT.

Executed this 20TH day of AUGUST, 2008.

DATE: 08/20/08


Larry E. Beets, ASSIGNOR

STATE OF TENNESSEE)
) SS:
COUNTY OF KNOX)

Before me personally appeared Larry E. Beets, known to me, or who properly identified himself, as the individual described in and who executed the foregoing instrument as the ASSIGNOR therein, for the purposes indicated in the foregoing instrument; and who acknowledged the foregoing instrument to

be of his free act and deed, this 20th day of August, 2008.

(SEAL) 
NOTARY PUBLIC

My Commission Expires: 6-6-2011

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that this attached correspondence including the following items:

Recordation Form Cover Sheet PATENTS ONLY (Form PTO-1595) (1 pg.)
FEE, Check No. 6861, drawn to Commissioner for Patents, in amount of \$40.00
ASSIGNMENT (Beets-DTS)(2 pgs.)
This **CERTIFICATE OF MAILING BY "EXPRESS MAIL" (1 p.)**,
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Return Receipt Postcard, properly addressed & postage-stamped, FOR RETURN.

is being deposited, under 37 C.F.R. Section 1.10, with the United States Postal Service with sufficient postage as "U.S. Express Mail Post Office

to Addressee," with regard to U.S. Patent Application No. 11/648,819,

under "Express Mail," mailing label number EB 264476668 US.

On September 12, 2008, in an envelope addressed to:

**"Mail Stop Assignment Recordation Services
Director Of The USPTO
P.O. Box 1450
Alexandria, VA 22313-1450 "**

M. Alex Brown
M. Alex Brown, Patent Attorney
Reg. No. 33,109

DATE: 09/12/2008