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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

SWEAT, Samuel Franklin  
BREED, Claude E.  
McGILL, Kenneth E.

3-4-02

2. Name and address of receiving party(ies)

Name: HE Extraction, LLC

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: 325 Virginia Shores

City: Muscle Shoals State: Alabama Zip: 35660

Execution Date: 02282002

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) 09690842

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jacobson Holman PLLC

Internal Address: \_\_\_\_\_

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: \_\_\_\_\_

Street Address: 400 Seventh Street, N.W.

City: Washington State: D.C. Zip: 20004

DO NOT USE THIS SPACE

9. Signature.

Irwin M. Aisenberg/19,007

Name of Person Signing

Harvey B. Aisenberg Jr.  
RN Signature 20,857

March 4, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 012647 FRAME: 0493

## ASSIGNMENT

WHEREAS, Samuel Franklin Sweat, a U.S. citizen residing at 4612 Holloway Road, Plant City, Florida 33567, Claude E. Breed, a U.S. citizen residing at 192 Chaparral Drive, Florence, Alabama 35630 and Kenneth E. McGill, a U.S. citizen residing at 325 Virginia Shores, Muscle Shoals, Alabama 35660 (hereinafter "Assignors"), have invented certain new and useful improvements in PREPARATION OF CALCIUM SILICATE AND SULFUR DIOXIDE, for which an application for United States Letters Patent, was filed on October 18, 2000, and assigned U.S. Serial No. 09/690,842 (Atty. Dkt. No. P65953US0); and

WHEREAS, HF Extraction, LLC, an Alabama corporation located at 325 Virginia Shores, Muscle Shoals, Alabama 35660 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the said invention, and in and to the said application and any Letters Patent that may issue thereon, and Assignors are desirous of assigning their entire right, title and interest in and to the said invention and in and to the said application, and any Letters Patent that may issue thereon.

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and

all divisions, reissues, substitutions, reexaminations, continuations and extensions thereof; and Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, to Assignee.

Assignors hereby covenant and agree that, at the time of execution and delivery of this instrument, they are the lawful owner of the complete right, title and interest in and to said Letters Patent above mentioned, and the invention thereof, and their interest is unencumbered and that they have good and full right and lawful authority to sell and convey its interest in the manner set forth herein.

Assignors hereby further agree to communicate to Assignee, its successors, assigns and representatives, any facts known respecting any improvements, and at the request and expense of Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexamination and substitute applications, make all lawful oaths, and generally do everything possible to aid Assignee, its successors, assigns and representatives to obtain and enforce proper patent protection for said invention in all countries.

Assignors hereby grant Harvey B. Jacobson, Jr.; John C. Holman; Michael R. Slobasky; Jonathan L. Scherer; and Irwin M. Aisenberg (Registration Nos. 20,851, 22,769, 26,421, 29,851, and 19,007, respectively) the power to insert on this Assignment any

further identification which may be necessary or desirable in order to identify the related application, or otherwise comply with the rules of the United States Patent and Trademark Office, for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 28<sup>th</sup> day of FEBRUARY, 2002



Samuel Franklin Sweat  
Samuel Franklin Sweat

State of Florida       )  
                                  ) ss  
County of                )

28 day of February, 2002 Subscribed and sworn to before me, a Notary Public, this

Clarissa Markham  
NOTARY PUBLIC

My Commission Expires:

Claude E. Breed

State of Alabama       )  
                                  ) ss  
County of                )

Subscribed and sworn to before me, a Notary Public, this  
\_\_\_\_\_ day of \_\_\_\_\_, 200  .

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

SIGNATURES CONT'D

Kenneth E. McGill  
Kenneth E. McGill

State of Alabama     )  
County of Albert    ) ss

28<sup>th</sup>     Subscribed and sworn to before me, a Notary Public, this  
day of February, 2002.

Susan P. Gary  
NOTARY PUBLIC

My Commission Expires: 02-16-05

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further identification which may be necessary or desirable in order to identify the related application, or otherwise comply with the rules of the United States Patent and Trademark Office, for recordation of this document.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this \_\_\_\_ day of \_\_\_\_\_, 200\_\_.

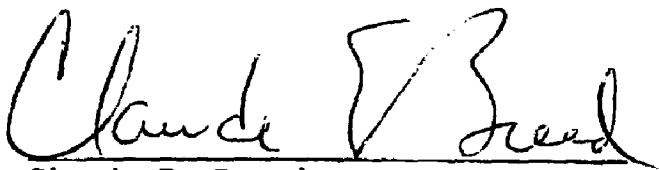
\_\_\_\_\_  
Samuel Franklin Sweat

State of Florida       )  
                              ) ss  
County of               )

Subscribed and sworn to before me, a Notary Public, this \_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

  
Claude E. Breed

State of Alabama       )  
                              ) ss  
County of Colbert     )

Subscribed and sworn to before me, a Notary Public, this 28<sup>th</sup> day of February, 2002

  
NOTARY PUBLIC

My Commission Expires: 02-16-05

SIGNATURES CONT'D

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