

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| HENRY W. BRANDHORST JR. | 05/19/2016 |
| ULLRICH H. ENGEL | 05/20/2016 |
| CHARLES T. LUDWIG | 05/19/2016 |
| ERNEST J. ZAVORAL SR. | 05/20/2016 |
| RECEIVING PARTY DATA | |
| Name: | CHZ TECHNOLOGIES, LLC |
| Street Address: | 5547 MAHONING AVE. |
| Internal Address: | SUITE 340 |
| City: | AUSTINTOWN |
| State/Country: | OHIO |
| Postal Code: | 44515 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17654085 |
| CORRESPONDENCE DATA | |
| Fax Number: | (515)288-1338 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
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| ATTORNEY DOCKET NUMBER: | P11605US04 |
| NAME OF SUBMITTER: | JILL N. LINK |
| SIGNATURE: | /JILL N. LINK/ |
| DATE SIGNED: | 03/09/2022 |
| Total Attachments: 5 | |

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A S S I G N M E N T

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **CHZ Technologies**, an Alabama corporation, having an address of 5547 Mahoning Ave, Suite 340, Austintown, OH 44515, its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 15/163,199, filed in the United States Patent and Trademark Office on the 24th day of May, 2016, entitled **MULTISTAGE THERMOLYSIS METHOD FOR SAFE AND EFFICIENT CONVERSION OF E-WASTE MATERIALS** and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said **CHZ Technologies, LLC**.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all

affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assigns to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agrees upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.


Henry W. Brandhorst, Jr.

Henry W. Brandhorst, Jr., appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: Faye Kirk

Date: 5/19/2016

Name Printed: FAYE KIRK

Signature: T. Paul Ruckelshaus

Date: 5/19/2016

Name Printed: T. Paul Ruckelshaus

U. Engel

Ullrich H. Engel

Ullrich H. Engel, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: Sabine J. Engel
Name Printed: Sabine J. Engel

Date: 5-20-2016

Signature: Margareta Rucker
Name Printed: Margareta Rucker

Date: 5-20-2016

Charles T. Ludwig
Charles T. Ludwig

Charles T. Ludwig, appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: Faye Kirk

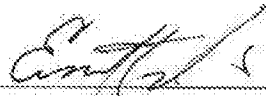
Date 5/19/2016

Name Printed: FAYE KIRK

Signature: T. M. D. [unclear]

Date 5/19/2016

Name Printed: T. M. D. [unclear]


Ernest J. Zavoral, Sr.

Ernest J. Zavoral, Sr., appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand.

Signature: Louann Basista Date 5/20/16

Name Printed: Louann Basista

Signature: Kim R Zavoral Date 5/20/16

Name Printed: Kim R ZAVORAL