

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL P. SMITH	02/04/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FOSBEL, INC.
<b>Street Address:</b>	20600 SHELDON ROAD
<b>City:</b>	BROOK PARK
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44142
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15013330
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	BHD-6141-50
<b>NAME OF SUBMITTER:</b>	BRYAN H. DAVIDSON
<b>SIGNATURE:</b>	/Bryan H. Davidson/
<b>DATE SIGNED:</b>	02/04/2019
<b>Total Attachments: 2</b>	
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ASSIGNMENT FOR PROVISIONAL APPLICATION  
(All Rights)

WHEREAS Lou CAROLLA, Michael P. SMITH and Alan E. BOWSER, Jr., (hereinafter ASSIGNORS) all of 20600 Sheldon Road, Brook Park, OH 44142, respectively, have made invention(s) disclosed in a provisional application entitled **INTEGRAL SELF-SUPPORTING REFRACTORY CHECKER BRICK MODULES FOR GLASS FURNACE REGENERATOR STRUCTURES, AND METHODS OF FORMING SAME** for which a so-entitled application is being filed concurrently herewith/was filed in the United States Patent and Trademark Office on February 3, 2015, under Application No. 62/111,460;

WHEREAS, FOSBEL, INC. (hereinafter ASSIGNEE), a corporation of the State of OH, having an office and place of business at 20600 Sheldon Road, Brook Park, OH 44142 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

02/04/15  
Date

Witnessed by:

*Karen Gallagher*  
Name:

02/04/15  
Date

Witnessed by:

*Karen Gallagher*  
Name:

02/04/15  
Date

Witnessed by:

*Karen Gallagher*  
Name:

*Lou Carolla*  
Lou CAROLLA

02/04/15  
Date:

*Michael P. Smith*  
Michael P. SMITH

02/04/15  
Date:

*Alan E. Bowser, Jr.*  
Alan E. BOWSER, Jr.

02/04/15  
Date: