

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Peter B. Kelemen	08/17/2010
Juerg M. Matter	08/15/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Trustees of Columbia University in the City of New York
<b>Street Address:</b>	110 Low Memorial Library
<b>Internal Address:</b>	535 West 116th Street
<b>City:</b>	New York
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10027
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12810153
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	Anthony P. Gangemi
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif	

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**PATENT**  
**REEL: 024945 FRAME: 0429**

ASSIGNMENT

WHEREAS, We, Peter B. Kelemen, residing at 2 Nichols Drive, Hastings on Hudson, NY 10706, and Juerg M. Matter, residing at 415 Riverside Drive, Apt. #2A, New York, NY 10025, have invented certain new and useful improvements in SYSTEMS AND METHODS FOR ENHANCING RATES OF IN SITU CARBONATION OF PERIDOTITE for which we:

- have executed an application for Letters Patent of the United States of even date herewith;
- have filed an application for Letters Patent of the United States on June 23, 2010 under Serial No. 12/810,153; and

WHEREAS, The Trustees of Columbia University in the City of New York, organized under the laws of the State of New York, having its principal place of business at 110 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, NY 10027, is desirous of obtaining the entire right, title, and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents to hereby sell, assign, transfer and set over, unto the said The Trustees of Columbia University in the City of New York, its successors, legal representatives, and assigns the entire right, title, and interest in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon or claim priority therefrom and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for

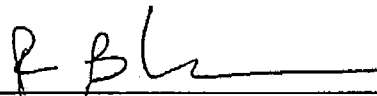
said improvement to the said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

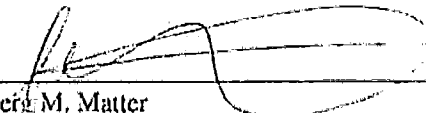
AND WE HEREBY further covenant and agree that we will communicate to said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said The Trustees of Columbia University in the City of New York, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our signatures.

Date: August 17, 2010

  
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Peter B. Kelemen

Date: August 19, 2010

  
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Juerg M. Matter

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