

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Erez Allouche</td> <td>05/02/2011</td> </tr> <tr> <td>Arun Prakash Jaganathan</td> <td>05/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Erez Allouche	05/02/2011	Arun Prakash Jaganathan	05/02/2011
Name	Execution Date						
Erez Allouche	05/02/2011						
Arun Prakash Jaganathan	05/02/2011						
RECEIVING PARTY DATA							
Name:	Louisiana Tech University Research Foundation, a Division of Louisiana Tech University Foundation, Inc.						
Street Address:	900 Tech Drive						
City:	Ruston						
State/Country:	LOUISIANA						
Postal Code:	71270						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13434308</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13434308		
Property Type	Number						
Application Number:	13434308						
CORRESPONDENCE DATA							
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Correspondent Name:	Lance A. Foster						
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ATTORNEY DOCKET NUMBER:	16675/112571-01						
NAME OF SUBMITTER:	Lance A. Foster						
Total Attachments: 2 source=Assignments#page1.tif source=Assignments#page2.tif							

CH \$40.00 13434308

PATENT

INVENTION ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Erez Allouche** ("ASSIGNOR"), 161 Heather Lane, Ruston, Louisiana 71270, hereby sells, assigns, transfers and conveys to **Louisiana Tech University Research Foundation; A Division Of Louisiana Tech University Foundation, Inc.** ("ASSIGNEE"), 900 Tech Drive, Ruston, Louisiana 71270, and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest, for all the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in the following patents and patent applications, including the inventions which are the subject thereof:

United States Patent Application No. 61/468,879 filed on March 29, 2011, entitled "Universal Impedance Probe For Detection of Side-Connections Through Thermoplastic, Thermosetting and Cementitious Liners" (the "Application").

This assignment includes all other patents to be obtained for said inventions and improvements thereof, and any patent application claiming the inventions and improvements disclosed in the Application, and any patents issuing thereon, by any provisional, non-provisional, continuation, foreign counterpart, continuations-in-part, division, renewal, substitute, re-issue or re-examination or design application thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions, said applications, and/or said patents and legal equivalents thereof as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said inventions, said applications, and/or said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have executed this Assignment on the date given below.

ASSIGNOR:

Erez Allouche
Erez Allouche

Date: 05/02/2011

ASSIGNEE:

Louisiana Tech University Research Foundation; a Division of Louisiana Tech University Foundation, Inc.

Corre Stegall
Name: Corre Stegall

Its: VP

Date: 5/5/11

INVENTION ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, Arun Prakash Jaganathan ("ASSIGNOR"), 306 Homer Apt. # 13, Ruston, Louisiana 71270, hereby sells, assigns, transfers and conveys to Louisiana Tech University Research Foundation; A Division Of Louisiana Tech University Foundation, Inc. ("ASSIGNEE"), 900 Tech Drive, Ruston, Louisiana 71270, and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest, for all the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in the following patents and patent applications, including the inventions which are the subject thereof:

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IN WITNESS WHEREOF, we have executed this Assignment on the date given below.

ASSIGNOR:

Arun Prakash Jaganathan
Arun Prakash Jaganathan

Date: May 2 2011

ASSIGNEE:

Louisiana Tech University Research Foundation; a Division of Louisiana Tech University Foundation, Inc.

Carre Stegall
Name: Carre Stegall

Its: VP

Date: 5/5/11

(B0719844.1)