

## 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>Naseem Shah</td> <td>01/28/2012</td> </tr> <tr> <td>Ajay Logani</td> <td>01/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Naseem Shah	01/28/2012	Ajay Logani	01/28/2012						
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<table border="1"> <tr> <td>Name:</td> <td>Department of Biotechnology</td> </tr> <tr> <td>Street Address:</td> <td>Block 2, 7th Floor</td> </tr> <tr> <td>Internal Address:</td> <td>CGO Complex, Lodi Road</td> </tr> <tr> <td>City:</td> <td>New Delhi</td> </tr> <tr> <td>State/Country:</td> <td>INDIA</td> </tr> <tr> <td>Postal Code:</td> <td>110003</td> </tr> </table>		Name:	Department of Biotechnology	Street Address:	Block 2, 7th Floor	Internal Address:	CGO Complex, Lodi Road	City:	New Delhi	State/Country:	INDIA	Postal Code:	110003
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(202)344-8300												
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ATTORNEY DOCKET NUMBER:

31446-323218

NAME OF SUBMITTER:

Keith G. Haddaway

Total Attachments: 4

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**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, by Naseem Shah and Ajay Logani (hereinafter referred to as Assignors), both residing in New Delhi, INDIA;

**WHEREAS**, Assignors have invented certain new and useful improvements in SEALBIO: A NOVEL NON-OBTURATION REGENERATIVE TECHNIQUE OF ENDODONTIC TREATMENT, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

**WHEREAS**, Department of Biotechnology and All Indian Institute of Medical Sciences, respectively organized under and pursuant to the laws of India and, respectively having their principal places of business at Block 2, 7<sup>th</sup> Floor, CGO Complex, Lodi Road, New Delhi-110003, INDIA; and Ansari Nagar, New Delhi-110029, INDIA, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**AND** for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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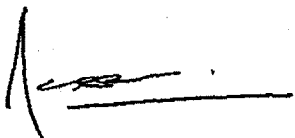
Attorney Docket No.: 31446-323218

VENABLE LLP

All practitioners at Customer Number 26694


AND Assignors acknowledge an obligation of assignment of this invention to  
Assignees at the time the invention was made.

28/01/12.  
Date

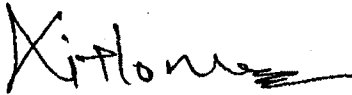
  
Naseem Shah

Witness:

30/01/12  
Date


  
Dr. CHITRA SARKAR  
Professor  
Department of Medical Sciences  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
New Delhi-110029, India

28/01/12  
Date

  
Ajay Logani

Witness:

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