

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>Eldie Berger</td><td>06/11/2007</td></tr><tr><td>Maureen Elizabeth Louw</td><td>06/11/2007</td></tr><tr><td>Michael Craig Crampton</td><td>06/11/2007</td></tr></tbody></table>	Name	Execution Date	Eldie Berger	06/11/2007	Maureen Elizabeth Louw	06/11/2007	Michael Craig Crampton	06/11/2007	
Name	Execution Date								
Eldie Berger	06/11/2007								
Maureen Elizabeth Louw	06/11/2007								
Michael Craig Crampton	06/11/2007								
RECEIVING PARTY DATA									
Name:	CSIR								
Street Address:	Scientia								
City:	Pretoria								
State/Country:	SOUTH AFRICA								
Postal Code:	0002								
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>11792242</td></tr></tbody></table>	Property Type	Number	Application Number:	11792242					
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Application Number:	11792242								
CORRESPONDENCE DATA									
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Total Attachments: 2 source=SFX3F6#page1.tif source=SFX3F6#page2.tif									

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ASSIGNMENT

This Assignment made by ELDIE BERGER of Pretoria, South Africa; MAUREEN ELIZABETH LOUW of Pretoria, South Africa; and MICHAEL CRAIG CRAMPTON of Pretoria, South Africa; Assignors, to CSIR, Assignee, having a place of business at Scientia, Pretoria 0002, South Africa.

WHEREAS, Assignors have invented a new and useful GRAM POSITIVE BACTERIAL CELLS COMPRISING A DISRUPTED FLAGELLIN GENE, FLAGELLIN-BASED FUSION PROTEINS AND USE IN REMOVAL OF METAL IONS FROM A LIQUID for which an International Application under the Patent Cooperation Treaty was filed on 2 December 2005, as Application No. PCT/IB2005/054022, and as amended through and on 26 March 2007, for which a U.S. National Phase application is being filed; and

WHEREAS, Assignors believe themselves to be the original, first and sole inventors of the invention disclosed and claimed in said International Application No. PCT/IB2005/054022; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee, the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States.

Further, Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and his legal representative(s) and assigns will do all lawful acts,

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including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the date written herein below.

Assignors:

Date: June 11, 2007

Eldie Berger
ELDIE BERGER

Date: June 11, 2007

Maureen Elizabeth Louw
MAUREEN ELIZABETH LOUW

Date: June 11, 2007.

Michael Craig Crampton
MICHAEL CRAIG CRAMPTON

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