

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Corney Van Rooyen</td> <td>03/01/2010</td> </tr> <tr> <td>Herman Burger</td> <td>03/01/2010</td> </tr> <tr> <td>Philip Doubell</td> <td>02/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Corney Van Rooyen	03/01/2010	Herman Burger	03/01/2010	Philip Doubell	02/04/2010
Name	Execution Date								
Corney Van Rooyen	03/01/2010								
Herman Burger	03/01/2010								
Philip Doubell	02/04/2010								
RECEIVING PARTY DATA									
Name:	CSIR								
Street Address:	Scientia, 0002								
City:	Pretoria								
State/Country:	SOUTH AFRICA								
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>13140736</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13140736				
Property Type	Number								
Application Number:	13140736								
CORRESPONDENCE DATA									
Fax Number:	(972)367-2002								
Phone:	9723672001								
Email:	butz@cclaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Carstens & Cahoon, LLP								
Address Line 1:	P.O. Box 802334								
Address Line 4:	Dallas, TEXAS 75380-2334								
ATTORNEY DOCKET NUMBER:	CADAM.00008								
NAME OF SUBMITTER:	Colin P. Cahoon, USPTO Reg. No. 38,836								
<p>Total Attachments: 7</p> <p>source=Assignment_1_inventors_to_CSIR#page1.tif</p> <p>source=Assignment_1_inventors_to_CSIR#page2.tif</p> <p>source=Assignment_1_inventors_to_CSIR#page3.tif</p> <p>source=Assignment_1_inventors_to_CSIR#page4.tif</p> <p>source=Assignment_2_inventor_to_CSIR#page1.tif</p> <p>source=Assignment_2_inventor_to_CSIR#page2.tif</p> <p>source=Assignment_2_inventor_to_CSIR#page3.tif</p>									

CH \$40.00 13140736

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

VAN ROOYEN, Corney
BURGER, Herman

hereby sell, assign and transfer to

CSIR

of Scientia, 0002 PRETORIA, South Africa

(hereinafter called the Assignee)

the entire right, title, and interest in and to any and all improvements which are disclosed in the PCT International Application designating the United States entitled

METHOD OF REPAIRING A METALLIC ARTEFACT

which application was

filed on 10 December 2009, under No. PCT/IB2009/055651

including any and all applications for United States Letters Patent based thereon and any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property


it is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightfully other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at PRETORIA this 1st day of MARCH 2010

INVENTOR(S):


VAN ROOYEN, Corney



BURGER, Herman

WITNESSES:




**UNDERTAKING AND RATIFICATION OR ACKNOWLEDGEMENT OF
ASSIGNMENT AND POWER OF ATTORNEY**

A&A Ref: P43323ZP00 LVDW

Between 1. **VAN ROOYEN, Corney**
 2. **BURGER, Herman**

of 1. 948 Premier Street, Rayton, 1001, Gauteng Province, Republic of South
 Africa
 2. 57 Gordon Verster Avenue, The Willows, Pretoria, 0184, Gauteng Province,
 Republic of South Africa

(hereinafter referred to as the "Inventor/s")

and **CSIR**

a body corporate duly incorporated in the Republic of South Africa by virtue of Act of Parliament No 46 of 1988, and having its registered office address at Scientia, PRETORIA, Gauteng, Republic of South Africa

(hereinafter referred to as "CSIR")

WHEREAS

the Inventor/s have/has made an invention entitled

METHOD OF REPAIRING A METALLIC ARTEFACT

(hereinafter called the "Invention")

WHEREAS

the Inventor/s at all material times was an/were employee/s of CSIR so that by virtue of Section 13 of Act 46 of 1988 of the Republic of South Africa, the Invention vested in CSIR;

WHEREAS

the Inventor/s and CSIR desire that patent protection should be obtained for the Invention in the name of CSIR or its assigns at least in South Africa and possibly in various other countries; and

WHEREAS

it is expedient to set down in this Deed, the relationship between the parties hereto.

NC

NOW THEREFORE

(1)

The Inventor/s acknowledge/s that no right of whatever nature in the Invention vests in him/them and that CSIR is the owner of all right and title to the Invention in respect of all countries.

(2)

The Inventor/s undertake/s promptly to execute all such documents as may be necessary to enable CSIR, its successors and assigns through, independently of, or in conjunction with himself/themselves to acquire patent protection for the Invention at the discretion of and in the countries selected by CSIR, its successors and assigns.

(3)


In order to give effect to the terms and conditions embodied herein, the Inventor/s irrevocably grant/s unto CSIR, its successors and assigns, his/their Power of Attorney with Power of Substitution and Revocation to act on his/their behalf as if personally acting in the execution of such papers and documents envisaged in Clause (2) above, such Power of Attorney incorporated in this agreement being dated as of the date set out hereunder above the signature/s of the Inventor/s.

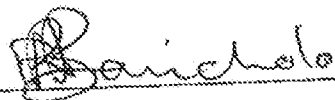
(4)


The law governing this Agreement is the law of the Republic of South Africa.

DATED at PRETORIA this 25th day of FEBRUARY 2009

AS WITNESSES:

1.  _____

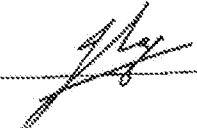
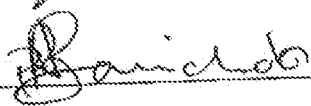

2.  _____


1. VAN ROOYEN, Corney

NC


DATED at Pretoria this 20th day of January 2009

AS WITNESSES:

1.  _____
 2.  _____
2.  _____
BURGER, Herman

DATED at PRETORIA this 20th day of January 2009

AS WITNESSES:

1.  _____
On behalf of CSIR
Full Names: NDUMISO CINGO
Capacity: CENTER MANAGER: CSIR BL
2. _____

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

DOUBELL, Philip

heraby sell, assign and transfer to

CSIR

of Scientia, 0002 PRETORIA, South Africa

(hereinafter called the Assignee)

the entire right, title, and interest in and to any and all improvements which are disclosed in the PCT International Application designating the United States entitled

METHOD OF REPAIRING A METALLIC ARTEFACT

which application was

filed on 10 December 2009, under No. PCT/IB2009/055651

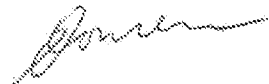
including any and all applications for United States Letters Patent based thereon and any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

it is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

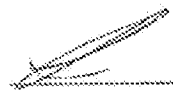
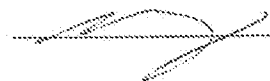
Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightfully other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at Kosherville this 4th day of February 2010

INVENTOR(S):


DOUBELL, Philip

WITNESSES:

CONFIRMATION OF ASSIGNMENT OR
ASSIGNMENT OF INVENTION, DESIGN AND COPYRIGHT

A & A Ref: P43323ZP00 LVDW

WHEREAS I/We (a) **DOUBELL, Philip**

hereinafter referred to as the ASSIGNOR(S)

of (b)

am/are the inventor(s)/author(s) or am/are joint inventor(s)/author(s) with

of an invention and/or design entitled: (c)

METHOD OF REPAIRING A METALLIC ARTEFACT

hereinafter referred to as 'the invention', and of certain literary and artistic works relating to the invention and including any notes, memoranda, reports, sketches, drawings, plans, photographs and all associated illustrations and handwritten, typewritten and printed matter, of whatever description, regarding the invention, hereinafter collectively referred to as 'the work';

AND WHEREAS (d) **1. CSIR**

hereinafter referred to as the ASSIGNEE(S)

of (e) **1. Scientia, Pretoria, 0002, Gauteng Province, Republic of South Africa**

has/have for good and sufficient consideration agreed to acquire/has/have acquired all my/our right, title and interest in and to the invention, the design, and the copyright in the work from me/us in respect of all countries in the world.

NOW THEREFORE, for one US \$ or other good and valuable consideration,

(f) I/we hereby assign to the ASSIGNEE(S)

OR

(g) I/we hereby confirm that by virtue of a previous agreement the ASSIGNEE(S) has/have acquired,

OR

(h) I/we hereby confirm that the ASSIGNEE(S) has/have acquired by virtue of my/our having been an employee/director/member of the ASSIGNEE(S) and the invention and/or design and/or work having been made in the course and scope of my/our being an employee/director/member of the ASSIGNEE(S)

for all countries in the world all my/our right, title and interest in and to the invention, in and to the design, and the copyright in the work, including any further developments and improvements in respect thereof, for all countries in the world with the right to apply for a patent, or one or more design and copyright registrations in his/their own name(s); and I/we hereby undertake at any time when called upon by the assignee(s), his/their successors or assigns to render every assistance and to execute promptly all papers, forms or documents required to secure the filing of patent and/or design and/or copyright applications in other countries in the name of the assignee(s), his/their successors or assigns, or, in countries where such applications can only be filed by inventors, to do so in my/our

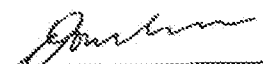
NC

own name(s) and then to secure the formal registration of such assignments there in accordance with the laws of the countries concerned as are needed to transfer the applications or any patents granted thereon, to the ASSIGNEE; and generally I/we undertake, without requiring any further consideration, to render every assistance which may be needed to ensure that patent, design and copyright registrations are granted in favour of the assignee(s), his/their successors or assigns, on all patent and/or design and/or copyright applications filed for the work and for any further developments and improvements in respect thereof; and in order to give effect to the terms and conditions embodied herein, I/we hereby irrevocably grant unto the assignee(s), his/their successors or assigns, my/our Power of Attorney with power of substitution and revocation to act on my/our behalf, as if personally acting in the execution of such papers, forms or documents envisaged above, such Power of Attorney incorporated in this agreement being dated as of the date set out hereunder above my/our signatures; and I/we agree that the law governing the agreement and Power of Attorney incorporated therein, shall be the law of the Republic of South Africa;

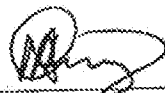
and I/we, the Assignee(s), hereby accept(s) the above undertakings and assignment/confirm the undertaking and assignment as set out above.

The assignment/agreement(s) above is made effective from the date of execution, or the date of filing of the application for the invention in the Republic of South Africa, or the date of execution of the Form P3 for the invention, whichever date is earliest.

DATED this (i) 25th day of February 2009

(i) 

DOUBELL, Phillip

(ii) 

Company Name: CSIR
Full Names of Signatory: NDUMISO CINGO
Capacity: CENTER MANAGER: CSIR-NLC

NOTE: No witness or legalisation is necessary

ADAMS & ADAMS
Patent and Trade Mark Attorneys
PRETORIA

- (a) Inventor's(s)/Author's(s) full name(s).
- (b) Inventor's(s)/Author's(s) address(es) (not PO Box number).
- (c) Title of Invention.
- (d) Assignee's(s) name or names.
- (e) Assignee's(s) address(es) (not PO Box number but a residential address or a registered office address of a company).
- (f), (g), (h) Delete whichever is inapplicable.
- (i) Date of Execution.
- (j), (k) Signature(s) of Inventor(s)/Author(s).
- (l), (m) Signature(s) of Assignee(s).