

## 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>Grant Ashley Wellwood</td> <td>03/06/2013</td> </tr> <tr> <td>Damien Harding</td> <td>03/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Grant Ashley Wellwood	03/06/2013	Damien Harding	03/06/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Technological Resources Pty Ltd</td> </tr> <tr> <td>Street Address:</td> <td>120 Collins Street</td> </tr> <tr> <td>City:</td> <td>Melbourne, Victoria</td> </tr> <tr> <td>State/Country:</td> <td>AUSTRALIA</td> </tr> <tr> <td>Postal Code:</td> <td>3000</td> </tr> </table>		Name:	Technological Resources Pty Ltd	Street Address:	120 Collins Street	City:	Melbourne, Victoria	State/Country:	AUSTRALIA	Postal Code:	3000
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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>13885819</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13885819						
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Application Number:	13885819										
CORRESPONDENCE DATA											
<p>Fax Number: 2028243001  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028243000        Email: BWPTOPAT@bannerwitcoff.com, lhudgins@bannerwitcoff.com        Correspondent Name: Banner &amp; Witcoff, Ltd.        Address Line 1: 100 13th Street, N.W.        Address Line 2: Suite 1200        Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	007989.00005 SAW/VLH										
NAME OF SUBMITTER:	Susan A. Wolfe										
Signature:	/Susan A. Wolfe/										
Date:	08/02/2013										

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Total Attachments: 5

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## Deed of Confirmatory Assignment – PCT Application

<b>Date</b>	<u>6 MARCH 2013</u> , being the first date on which all parties had executed this Deed.
<b>Parties</b>	
1.	Grant Ashley WELLWOOD of 32 Marks Road, Pheasant Creek, Victoria 3757 Australia ( <i>Inventor</i> )
2.	Damien HARDING of 1 Research Avenue, Bundoora, Victoria 3083 Australia ( <i>Inventor</i> )
3.	Technological Resources Pty Ltd (ACN 002 183 557) of 120 Collins Street, Melbourne, Victoria, Australia ( <i>Assignee</i> )
<b>Recitals</b>	
A	The Inventors are named inventors in respect of the patent application described in the schedule to this Deed ( <i>PCT Application</i> ).
B	At the time when the Inventors' inventive contributions in relation to the PCT Application were made, the Inventors were employed by the Assignee and the inventions were made in the course of the Inventors' employment.
C	Pursuant to the Inventors' contracts of employment, the Assignee is entitled to ownership of inventions made by the Inventors in the course of their employment, including the inventions the subject of the PCT Application ( <i>Invention</i> ).
D	The parties now wish to formalise the assignment of the Inventions from the Inventors to the Assignee or, in the case that such formalisation has been previously given, confirm the assignment of the Invention described in Recital C from the Inventors to the Assignee, and confirm the inclusion of the PCT Application in that assignment.

It is agreed as follows.

### 1. Assignment

To the extent that such an assignment has not previously validly been given by the Inventors to the Assignee, the Inventors assign to the Assignee all their right, title and interest in and to the Invention, including but not limited to the PCT Application and any application for patents, granted patents, divisional patents, innovation patents, continuations in part, and any other intellectual property rights arising from the Invention anywhere in the world together with the right to sue for any infringement occurring prior to the date of this Deed and the right to recover damages for that infringement.

## **2. Further Assurances**

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At the request of the Assignee, the Inventors must do anything (including executing agreements and documents) necessary to give full effect to this Deed and the transactions contemplated by it, including, without limitation, enabling the Assignee and any subsequent assignee of the PCT Application to become registered as the proprietor of the rights in the PCT Application.

## **3. Operation alongside existing arrangements**

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This Deed operates alongside any existing arrangements, including the contract of employment, between the Inventors and the Assignee. The terms of this Deed apply to the extent of any inconsistency with existing arrangements.

## **4. General**

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### **4.1 Governing law and jurisdiction**

This Deed is governed by the laws of Victoria, Australia. Each party submits to the jurisdiction of courts exercising jurisdiction there, and waives any right to claim that those courts are an inconvenient forum.

### **4.2 Enurement**

The provisions of this Deed will enure for the benefit of, and be binding on, the parties and their respective successors and permitted substitutes and assigns and (where applicable) legal personal representatives.

### **4.3 Amendment**

No amendment or variation of this Deed is valid or binding on a party unless made in writing executed by all parties.

### **4.4 Counterparts**

This Deed may be executed in any number of counterparts. All counterparts together will be taken to constitute one instrument.

### **4.5 Costs and stamp duty**

The Assignee will bear all costs arising out of the preparation and execution of this Deed. All stamp duty (including fines, penalties and interest) that may be payable on or in connection with this Deed and any instrument executed under this Deed must be borne by the Assignee.

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**Schedule**

PCT Number PCT/AU2011/001480

Entitled Controlling Froth Flotation

Filed in: Australia

Inventors: Parties 1 and 2 to this deed, Andrew THORNTON of c/o MiPac Pty Ltd, 39 Navigator Place, Hendra, QLD 4011 Australia, Bruce NORTHWAY of c/o MiPac Pty Ltd, 39 Navigator Place, Hendra, QLD 4011 Australia, and Kevin KROPF of c/o MiPac Pty Ltd, 39 Navigator Place, Hendra, QLD 4011 Australia

Date of filing: 16 November 2011

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Hendra, QLD 4011 (AU). KROPP, Kevin [AU/AU]; c/o  
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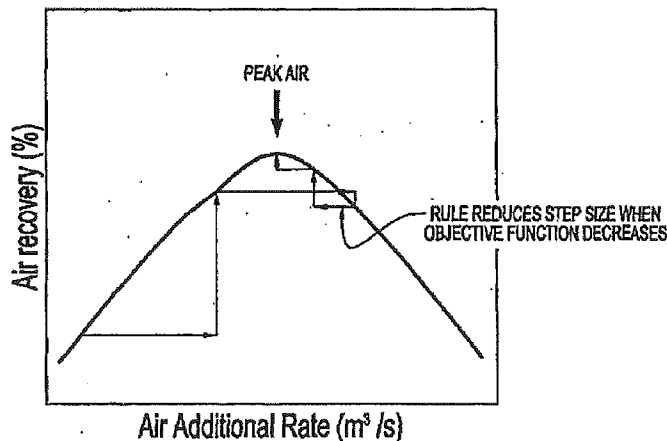
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Melbourne, Victoria 3004 (AU).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,  
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,  
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,  
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,  
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,  
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,  
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,  
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UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU,

[Continued on next page]

(54) Title: CONTROLLING FROTH FLOTATION



**FIG. 5**

(57) Abstract: A method of controlling a froth flotation cell in a froth flotation circuit for separating substances comprises periodically carrying out a control routine to maximise froth stability during the operation of the cell. The control routine comprises changing the gas flow rate to the cell in a series of steps and assessing the froth stability at each gas flow rate and continuing the step changes in the gas flow rate until the froth stability is a peak froth stability or is within a predetermined range of the peak froth stability of the cell.

**Executed and delivered as a Deed**

**Signed Sealed and Delivered as a Deed by**

**Grant Ashley WELLWOOD at**

[location]: BUNDABERG, VIC 3083, AU

on [date]: 6/03/2013

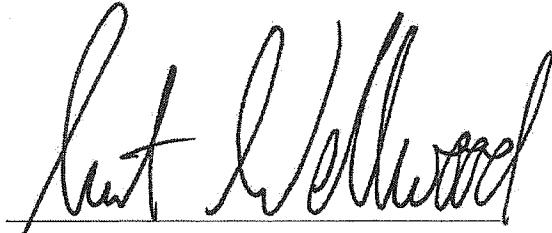
in the presence of:



Witness Signature

MELINDA COOPER

Print Name



Signature

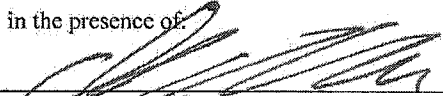
**Signed Sealed and Delivered as a Deed by**

**Damien HARDING at**

[location]: 4700 Daybreak Parkway, South Jordan, UT, USA

on [date]: 12 Nov 2012

in the presence of:



Witness Signature

CHRIS SMITH

Print Name

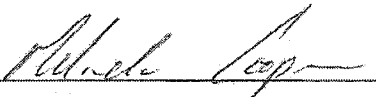


Signature

**Signed Sealed and Delivered as a Deed for**

**Technological Resources Pty Ltd by its attorney**

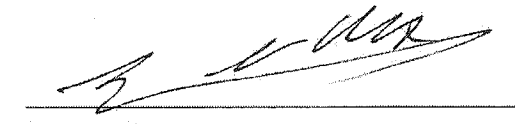
in the presence of:



Witness Signature

MELINDA COOPER

Print Name



Attorney Signature

Ernest Le Roux

Print Name Advisor-IP