

10/451093

DT15 Rec'd PGT/PTC 18 JUN 2003

10-23-2003

FILE NO. A35864 PCT USA

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Peter Leonard John Mayfield Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: BHP Billiton Innovation Pty Ltd. Address: 600 Bourke Street Melbourne, Victoria 3000 Australia City: _____ State: _____ Zip: _____ Additional name(s) and address(es) attached? Country: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: May 26, 2003	

4. Application number(s) or patent number(s) **10451093**

If this document is being filed together with a new application, the execution date of the application is May 26, 2003

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: BAKER BOTTS L.L.P. 30 Rockefeller Plaza - 44 Fl. New York, NY 10112	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number : 02-4377 (Charge any additional fees to this account) (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature

To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.

James J. Maune, PTO#26,946 **6-18-2003**

 Name of Person Signing Signature Date

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Total number of pages including cover sheet, attachments and document:

06/30/2003 GFREY1 00000043 024377 10451093
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PATENT
REEL: 014606 FRAME: 0047

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and other good and valuable consideration, receipt of which is hereby acknowledged,

Peter Leonard John Mayfield of 3 Webster Street, Hamilton, New South Wales 2303, Australia

HEREBY SELL ASSIGN AND TRANSFER to:

BHP Billiton Innovation Pty Ltd of 600 Bourke Street, Melbourne, Victoria 3000, Australia

its successors, assigns and legal representatives the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent and is entitled

“Method for determining sticking and flow properties of particulate solids”

which application was executed by the undersigned on the _____ day of _____ and in and to any said application and all divisional, continuations, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and in any and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorised and request that the Commissioner of Patents and Trademarks issue any and all said Letters Patent, when granted to said Assignee.

Further it is agreed that when requested, without charge to and at the expense of said Assignee, it successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and on all patents on said improvements, in said Assignee, its successors, and legal representatives.

We covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNED at NEWCASTLE
this 2nd day of May

2003

P. Mayfield
Peter Leonard John Mayfield

[Signature]

Witness Signature

Name: D. CHANFORD

Melbourne\004296753