

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Edwin Glinsky	04/25/2007
Jerome Kalifa	04/30/2007
Stephane Mallat	04/30/2007

RECEIVING PARTY DATA

Name:	BHP Billiton Innovation Pty Ltd.
Street Address:	180 Lonsdale Street
City:	Melbourne, Victoria
State/Country:	AUSTRALIA
Postal Code:	3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11584316

CORRESPONDENCE DATA

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Correspondent Name: Koppel, Patrick, Heybl & Dawson

Address Line 1: 555 St. Charels Dr., Suite 107

Address Line 4: Thousand Oaks, CALIFORNIA 91360

ATTORNEY DOCKET NUMBER:

830-2F-010

NAME OF SUBMITTER:

James K. Dawson

Total Attachments: 4

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PATENT

REEL: 019262 FRAME: 0080

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CH \$40.00 11584316

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A S S I G N M E N T

We, MICHAEL EDWIN GLINSKY, residing at 4209 Case Street, Houston, Texas 77005 U.S.A., JÉRÔME KALIFA, residing at 4 rue Froidevaux, 75014 Paris, France, and STÉPHANE MALLAT, residing at 11 rue Bonaparte 75006 Paris, France, represent that we have invented improvements in a new and useful "METHOD FOR DETERMINING IMPEDANCE COEFFICIENTS OF A SEISMIC TRACE". The Invention is covered by patent application Serial No. 11/584,316 filed October 20, 2006.

BHP Billiton Innovation Pty Ltd., an Australian company, has a place of business at 180 Lonsdale Street Melbourne, Victoria 3000, Australia, and desires to acquire the entire right, title and interest in and to the invention, application and letters patent to be granted and issued thereon.

For valuable consideration, the receipt and legal sufficiency of all of which we acknowledge, we have sold and do hereby sell, assign, transfer and set over unto BHP Billiton Innovation Pty Ltd., its successors and assigns, the entire right, title and interest in and to the invention and all improvements thereon, in and to the application for letters patents thereon, in and to applications pertaining to or based upon the invention and application, including divisional and continuing applications and continuations-in-part, and in and to any and all letters patent which may be granted and issued on the invention and applications, or any of them, in the United States of America, its territories and possessions, and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

We also agree that we will, at the request of BHP Billiton Innovation Pty Ltd., execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that BHP Billiton Innovation Pty Ltd. may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in BHP Billiton Innovation Pty Ltd. the undivided interests in the right, title and interest in the invention, applications and letters patent.

We also authorize and empower BHP Billiton Innovation Pty Ltd., its successors and assigns to apply for and obtain, in its or their own names, letters patent for the invention before competent International Authorities and in any and all countries foreign to the

United States in which applications for letters patent can be so made
or letters patent so obtained.

Date: 9-25-07

Michael E. Glinsky
MICHAEL EDWIN GLINSKY

WITNESS

Linda E. Deal
(Type or print name below line)
LINDA E. DEAL

WITNESS

Sandra M. Gara
(Type or print name below line)
Sandra M. Gara

Date: _____

JÉRÔME KALIFA

WITNESS

(Type or print name below line)

WITNESS

(Type or print name below line)

Date: _____

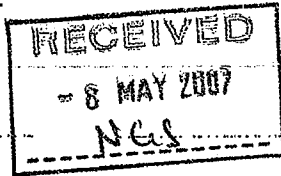
STÉPHANE MALLAT

WITNESS

(Type or print name below line)

WITNESS

(Type or print name below line)



Docket No. 830-42-010

(A.A. Thornton Ref.
PAC/NGS/250520S)

A S S I G N M E N T

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We also agree that we will, at the request of BHP Billiton Innovation Pty Ltd., execute any and all applications for letters patent for the invention, execute any and all other papers and documents and do all other and further lawful acts that BHP Billiton Innovation Pty Ltd. may deem necessary or desirable to obtain letters patent on the invention, to secure the grant of such letters patent and to protect and vest in BHP Billiton Innovation Pty Ltd. the undivided interests in the right, title and interest in the invention, applications and letters patent.

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Docket No. 830-42-010

(A.A. Thornton-R&E-
PAC/NGS/25052US)

United States in which applications for letters patent can be so made
or letters patent so obtained.

Date: _____

MICHAEL EDWIN GLINSKY

WITNESS

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(Type or print name below line)

Date:

30/4/07

JÉRÔME KALIFA

WITNESS

ERWAN LE PENNEC
(Type or print name below line)

WITNESS

ALBAN D'HALLUIN
(Type or print name below line)

Date:

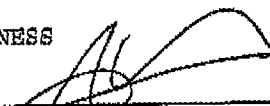
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STÉPHANE MALLAT

WITNESS

ERWAN LE PENNEC
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WITNESS

ALBAN D'HALLUIN
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