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• -	VI TIVI OTAL I		
To The Honorable Commissioner of Patents		h a va a f	Docket No.:
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Michael J. NESBITT	pl4101		000
2. Name and address of receiving party(ies	s):		S. O. A.
Name: VALE STATUTO Street Address: Lot 11, Vale Roa City + Address: New South Wale		VICES PTY. LTD.	000 P
3. Nature of conveyance:			- p
X Assignment	Merger	Security Agreeme	nt
Change of Name	Other:	1	
Execution Date: 9/19/01		09/469	604
4. Application number(s) or patent number	(s)		* 6 /
X This document is filed together with	a new application whose	e execution date is: 9/19/01	
A. Patent Application No.(s)		B. Patent No.(s)	
5. Name and address of party to whom cor Name: MARVIN PETRY LARSON & TAYLOR, PLC • 119		Te	l.: 703-739-4900 22314-1437
6. Total number of applications and patents	s involved:		#1
7. Total fee (37 CFR 3.41)  X Enclosed  (8. Any insufficiency in fee is authorized to	be charged to Deposit Ad	ccount No. 12-0555.)	\$40.00
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Douglas E. Jackson		October 4,	
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10/05/2001

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**PATENT REEL: 012231 FRAME: 0747** 

## ASSIGNMENT OF U.S.A.PATENT APPLICATION (U.S.A. rights only: all U.S.A rights assigned by inventors to a single assignce)

WHEREAS.

(Inventors:)						
(1) MICHAEL JOHN NESBITT						
(2)						
(3)						
(4)						
residing respectively ar						
(Addresses:)						
(1) 97 Kangaroo Point Road, Kangaroo Point 2224, New South Wales, Australia (2)						
(4)						
(hereinafter referred to as the "ASSIGNOR") have invented certain new and useful improvements	ia:					
(title)						
for which ASSIGNOR has  [X] executed on even date herewith						
[ ] executed on						
[ ] filed on, 19						
an application for Letters Patent of the United States of America, Serial No.						
(hereinafter referred to as "said Application").						
And WHEREAS, Vale Statutory & Mining Services Pty, a company organized under						
the laws of Australia and having a principal place of business at: Lo Vala Road, Moss Vale, New South Wales 2577, Australia (hereinafter referred to as	دا					
the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said						
Application and the inventions and improvements disclosed therein, and in and to any and all Lette	ers					
Patent of the United States which may issue therefor, including any and all divisions, continuations,						
reexaminations, reissues, renewals and/or extensions thereof.						
NOW THEREFORE in consideration of the sum of one U.S. dollar (\$1.00) and other goo	d					
and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the						

**PATENT REEL: 012231 FRAME: 0748** 

RECORDED: 10/04/2001

ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said Application and the inventions and improvements disclosed therein, and in and to any and all Letters Patent of the United States which may issue therefor, and any and all divisions, continuations, reexaminations, reissues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full end of the term of any and all of such Letters Patent and of any and all divisions, continuations, reexaminations, reissues, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal and/or extension applications, make all rightful paths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

I hereby authorize and request any attorney of record in said Application or any attorney of Larson & Taylor, Transpotomac Plaza, 1199 North Fairfax Street, Suite 900, Alexandria, Virginia, 22314, to insert above any information concerning the identity of the parties or of said Application including the Serial No. and filing date of said Application.

(1)	Date:	19-27- 61	Signature:	Jahra
(2)	Date:		Signature:	
(3)	Date:		Signature:	•
(4)	Date:		Signature:	

PATENT REEL: 012231 FRAME: 0749