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Form PTO-595  
(Rev. 03-01)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

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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):

Meco Mining Machinery Limited  
8-12-02

2. Name and address of receiving party(ies)

Name: Jzy Mining Machinery Limited

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Street Address: Bromyard Road

City: Worchester State: \_\_\_\_\_ Zip: WR25 EG

Execution Date: 28 May, 2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

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: James Earl Lowe, Jr.

Internal Address: \_\_\_\_\_

08/15/2002 GTOM11 00000215 080757 4908284

01 FC:581 40.00 CH

Street Address: 15417 W. National

Avenue, #300

City: New Berlin State: WI Zip: 53151

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

08-0757

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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

James Lowe

Name of Person Signing

James Lowe

Signature

8-8-02

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 013184 FRAME: 0441

**Patent Numbers**

4908284

PATENT ASSIGNMENT

Dated

28 May 2002 <sup>2001.</sup>

**Parties:**

- (1) The Assignor: **MECO MINING MACHINERY LIMITED**, a company incorporated in England and Wales (registered no. 01045213), whose registered office is at Bromyard Road, Worcester WR2 5EG; and
- (2) The Assignee: **JOY MINING MACHINERY LIMITED**, a company incorporated in England and Wales (registered no. 02546087), whose registered office is at Bromyard Road, Worcester WR2 5EG.

**Recitals:**

- (A) The Assignor has made applications to register various patents (the "**Patent Applications**") and is the registered proprietor of various registered patents, (the "**Registered Patents**" and the Patent Applications and Registered Patents together being the "**Patents**"), particulars of which are set out in the Schedule attached hereto.
- (B) The parties have agreed to assign the Patents from the Assignor to the Assignee, for the consideration and under the terms and conditions below.

**Operative provisions:**

**1. Assignment**

In consideration of the sum of one pound Sterling (£1) now paid by the Assignee to the Assignor (the receipt thereof the Assignor hereby acknowledges) the Assignor hereby assigns and transfers to the Assignee absolutely with full title guarantee:

- (i) all of its right, title and interest in and to:
  - (a) the Registered Patents;
  - (b) the Patent Applications; and
  - (c) any continuations, divisions or extensions of any of the Patents and any registered patents that may be obtained on the Patent Applications;
- (ii) all the rights, powers, privileges, liberties and immunities conferred on the applicant or registered proprietor of the Patents free from all liens, charges and encumbrances;

- (iii) the right to sue for and to recover damages and other remedies in respect of any infringement of the Patents or other acts carried out by another person within the scope of the claims of any published specification of any of the Patents that may have occurred prior to the date of this Assignment; and
- (iv) all of its exclusive right to apply for, prosecute and obtain patents or similar rights or protection in respect of the inventions the subject-matter of the Patents in any country of the world.

2. **Further Assurance**

The Assignor shall on request by the Assignee and at the Assignee's expense do and execute or arrange for the doing and executing of, each necessary act, document and thing reasonably within its power to implement this Assignment and give such assurance as the Assignee may reasonably request with the prosecution to grant of the Patent Applications.

3. **Assistance with Proceedings**

If proceedings are instituted by way of claim, petition or counter-claim impugning the validity of a Registered Patent or a patent granted pursuant to a Patent Application or opposing the grant of a patent pursuant to a Patent Application the Assignor shall give all reasonable assistance to the Assignee in relation to those proceedings (including participation in proceedings) subject to the payment by the Assignee of all the Assignor's reasonable costs in relation to those proceedings.

4. **Governing Law**

This Assignment is governed by English law.

5. **Delivery**

This Assignment is delivered as a deed on the date written at the start of this Assignment.

**EXECUTED** by the parties as a deed on the date first written above.

Executed as a deed by  
**JOY MINING MACHINERY LIMITED**

P. Harding

)  
)

Signature of Director

P. Harding

Name of Director

K. J. Richardson

Signature of Director/Secretary

K. J. Richardson

Name of Director/Secretary

Executed as a deed by )  
MECO MINING MACHINERY )  
LIMITED )

*P. Harding*

Signature of Director

P HARDING

Name of Director

*K J Richards*

Signature of Director/Secretary

K J RICHARDS

Name of Director/Secretary

**SCHEDULE 1**  
**MECO MINING MACHINERY LIMITED<sup>1</sup>**

Dowty Mining Machinery Limited	USA	Patent	206350	14 Jun 1988	4908284	Material for use in composite cathode includes complex of salt formed between metal ion existing in 2 valency states of aluminium ion with anion and polymeric composition	
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<sup>1</sup> Meco Mining Machinery Limited: As evidenced by a certificate of incorporation on change of name dated 2 October 1989, Dowty Mining Machinery Limited changed its name to Meco Mining Machinery Limited.