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COVER SHEET

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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):
FOURIE, Dirk B.; VAN EEDEN, Christiaan H.B.; H.
 Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)
 Name: **ESKOM**

Address: **Megawatt Park
 Maxwell Drive
 Sandton 2196**

City: **Gauteng** State: **Rep. S**
 Additional name(s) and address(es) attached? Yes No

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 FINANCE SECTION

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: March 12, '02; Nov. 28, '02; Nov. 28, '02

4. Application number(s) or patent number(s) 10/276,745, filed November 18, 2002

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: **Paul A. Ragusa, Esq.**
BAKER BOTTS L.L.P.
30 Rockefeller Plaza - 44 Fl.
New York, NY 10112

6. Total number of applications and patents involved: **one**

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number :
02-4377 (Charge any additional fees to this account)
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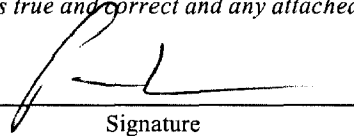
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9. Statement and signature

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.

Paul A. Ragusa, PTO Reg. No. 38,587

Name of Person Signing



Signature

March 21, 2003

Date

Page 1 of 4

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10. Additional Names of assigning party(ies):

JORDAAN, Jacobus H.

10a. Additional Names of receiving party(ies):

C

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

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**Commissioner of Patents and Trademarks
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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) **DIRK B FOURIE; CHRISTIAAN H B VAN EEDEN and JACOBUS H JORDAAN**

HEREBY SELL, ASSIGN AND TRANSFER TO

(2) **ESKOM** having a place of business at

(3) Megawatt Park, Maxwell Drive, Sandton 2196, Gauteng, Republic of South Africa
(hereinafter called "ASSIGNEE" the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) **UNDERGROUND MINING METHOD**

which application was:

- (a) executed by the undersigned on (5a)
- (b) filed on (5b) 18 November 2002
and assigned Application No: 10/276,745

including any an all United States patents which may be granted on said application, and any and all extensions and divisions, reissues, substitutes, renewals or continuations of said application and patents and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted to said ASSIGNEE, its assigns or its successors in interest of its designee.

Upon said consideration, it is further agreed that when requested without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, substitute, renewal, and reissuc patent applications, execute all rightful other papers and generally do everything possible which said ASSIGNEE, shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

It is further agreed that the undersigned hereby grant(s) the firm of **BAKER BOTTS L L P** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

DATE:

3/12/02
(mm/dd/year)

11/28/2002
(mm/dd/year)

28/11/2002
(mm/dd/year)

WITNESSES

Alice Pretorius
Full Name: Alice Pretorius

INVENTORS:

Dirk B Fourie
INVENTOR

Christiaan HB Fourie
INVENTOR

Jacobus H Jordaan
INVENTOR

Hilary Hadfield
Full Name: HILARY HADFIELD