Rév. 03-01) DMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office	2. C	<u> </u>	<u>^</u>	Docket No.: Bromhead 32			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.         1. Name of conveying party(les):       Name         Dr. Utrich Paschedag       Additional names(s) of conveying party(les):         Name of conveying party(les):       Yes         Additional names(s) of conveying party(les):       Yes         3. Nature of conveyance:       Sasignment         Basignment       Change of Name         Other       Country: Germany         ZIP:       D-44534         Additional name(s) & address(s):       If this document is being filed together with a new application, the execution date of the applicatio. is:         Patent Application No.       Filing date         9/9957.131       9/20/2001         8. Name and address of party to whom cprrespondence       6. Total numbers         concerning document should be mailed:       Yes       8 No.         Name:       Edward M. Keating       7. Total fee (37 CFR 3.41)	FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03			ET			
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3. Nature of conveyance:         33. Other         33. Other         34. Application number(s) or patent numbers(s):         11 this document is being filed together with a new application, the execution date of the application is:         Patent Application No.         9/20/2001         //65/2002 fb1821         00000107 09957131         Patent Application No.         1         Name: Edward M. Keating	1. Name of conveying party(ies): Dr. Ulrich Paschedag Harry Martin	2	Name: DBT Deutsche Bergbau-Technik GmbH				
S Assignment       □ Merger         □ Security Agreement       □ Change of Name         □ Other       □ Change of Name         □ Other       □ Country: Cermany         Execution Date:       9/21/2001         Additional name(s) & address(es)       □ Yes         If this document is being filed together with a new application, the execution date of the application, is:         Patent Application No.       Filing date         9/20/2001       B. Patent No.(s)         /05/2002 TDIA21       9/20/2001         /05/2002 TDIA21       00000107 09957131         FC:501       40.60 IP         Additional numbers       □ Yes ⊠ No         6. Total number of applications and patents involved:       1         Name:       Edward M. Keating         Registration No.       20.646         City:       Chick frame         200 West Adams Street	Additional names(s) of conveying party(ies)	🗆 Yes 🛛 No					
□ Security Agreement       □ Change of Name       City: Lunen       State/Prov.:         □ Other       Country: Germany       ZIP: D-44534         Additional number(s) or patent numbers(s):       Additional name(s) & address(cs)       Yes       B No         4. Application number(s) or patent numbers(s):       If this document is being filed together with a new application, the execution date of the application is:       Patent Application No.       Filing date       B. Patent No.(s)         09/957,131       9/20/2001       8. Patent No.(s)       9/20/2001         /05/2002 TDI&Z1       0000007 09957131       Additional numbers       Yes       Yes       No         5. Name and address of party to whom correspondence       6. Total number of applications and patents involved:       1         7. Total fee (37 CFR 3.41):	3. Nature of conveyance:	i					
□ Other       Country: Germany       ZIP: D-44534         Execution Date: 9/21/2001       Additional name(e) & address(es)       □ Yes       ⊠ No         4. Application number(s) or patent numbers(s):       If this document is being filed together with a new application, the execution date of the application is:       Patent Application No.       Filing date       B. Patent No.(s)         9/9957,131       9/20/2001       8. Patent No.(s)       B. Patent No.(s)         /05/2002 TDIAZ1       9/20/2001       6. Total number of applications and patents involved:       1         /05/2002 TDIAZ1       0000 0P       Additional numbers       G. Total number of applications and patents involved:       1         /05/2002 TDIAZ1       0000107 09557131       6. Total number of applications and patents involved:       1         /05/2002 TDIAZ1       000000       Additional numbers       I Yes ⊠ No       1         5. Name and address of party to whom chrrespondence       6. Total number of applications and patents involved:       1         Name:       Edward M. Keating       7. Total fee (37 CFR 3.41):	🛛 Assignment 🗌 Mer	ger		······	······		
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If this document is being filed together with a new application, the execution date of the application is:         Patent Application No.       Filing date         99/957,131       9/20/2001         /05/2002 TDIA21       00000107 09957131         FC:501       40.00 0P         Additional numbers       Pres X No         5. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved:       1         Name:       Edward M. Keating       7. Total fee (37 CFR 3.41):	Execution Date: _9/21/2001		Additional name	(s) & address(es)	C Yes	X No	
FE:501       40.00 0P       Additional numbers       □ Yes ⊠ No         5. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved:       1         Name:       Edward M. Keating       6. Total number of applications and patents involved:       1         Name:       Edward M. Keating       7. Total fee (37 CFR 3.41):\$ 40.00         Registration No.       20.646       Enclosed - Any excess or insufficiency should be credited to deposit account         Address:       COOK, ALEX, McFARRON, MANZO,       □         CUMMINGS & MEHLER, LTD.       200 West Adams Street - Suite 2850       8. Deposit account number:         Solontry:       USA       ZIP: 60606       (Attach duplicate copy of this page if paying by deposit account)         O 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.         Edward M. Keating       Signature       Date	0/20/200	1	B. Pa	tent No.(s)	•		
concerning document should be mailed:       7. Total fee (37 CFR 3.41):\$ 40.00         Registration No. 20,646       Enclosed - Any excess or insufficiency should be credited or debited to deposit account         Address: COOK, ALEX, McFARRON, MANZO,       Image: Address of the credited or debited to deposit account         CUMMINGS & MEHLER, LTD.       Image: Address of the credited or debited to deposit account         200 West Adams Street - Suite 2850       8. Deposit account number:         City: Chicago       State/Prov.: IL         Country: USA       ZIP: 60606         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.         Edward M. Keating       Signature         Name of Person Signing       Signature         Name of Person Signing       Signature	FC:581 40.00 DP				,		
Registration No.       20,646         Address:       COOK, ALEX, McFARRON, MANZO,         CUMMINGS & MEHLER, LTD.	<ol> <li>Name and address of party to whom corres</li> <li>concerning document should be mailed:</li> </ol>	spondence	6. Total numb	er of application	ns and patents ir	volved: 1	
Registration No.       20,646               Enclosed - Any excess or insufficiency should be credited or debited to deposit account           Address:       COOK, ALEX, McFARRON, MANZO,              Authorized to be charged to deposit account          CUMMINGS & MEHLER, LTD.              Authorized to be charged to deposit account          200 West Adams Street - Suite 2850              8. Deposit account number:          City:       Chicago       State/Prov.: IL         Country:       USA       ZIP: 60606         O NOT USE THIS SPACE              Authorized and any attached copy is a true copy             of 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.          Edward M. Keating              Signature               October 26, 2001	Name: Edward M. Keating		7. Total fee (3	7 CFR 3.41):	\$ 40.0	)0	
CUMMINGS & MEHLER, LTD.       Image: Cummings and the second and the second account of the second account.       8. Deposit account number:         200 West Adams Street - Suite 2850       8. Deposit account number:         City:       Chicago       State/Prov.: IL         Country:       USA       ZIP: 60606         ONOT 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.       October 26, 2001         Edward M. Keating       Signature       Date	Registration No. 20,646	ANZO,	credited or debited to deposit account				
200 West Adams Street - Suite 2850       8. Deposit account number:         City:       Chicago       State/Prov.:       IL       50-1039         Country:       USA       ZIP:       60606       (Attach duplicate copy of this page if paying by deposit account)         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.         Edward M. Keating       Signature       October 26, 2001         Name of Person Signing       Signature       Jate							
City:       Chicago       State/Prov.:       IL       50-1039         Country:       USA       ZIP:       60606       (Attach duplicate copy of this page if paying by deposit account)         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.         Edward M. Keating       Signature       October 26, 2001         Name of Person Signing       Signature       Jate			8. Deposit account number:				
City:       USA       ZIP:       60606       (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.         Edward M. Keating       October 26, 2001         Name of Person Signing       Signature         Table number of pages including cover sheet, attachments, and       Date		Prov.: IL					
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## DEED OF ASSIGNMENT

THIS ASSIGNMENT is made the 2t

day/Two thousand ad Ore

BETWEEN Dr Ulrich Paschedag of Aschoffweg 5, 59387 Ascheberg-Herbern, Germany and Harry Martin of 6 Reedmoor Lane, Cranberry Township, Pennsylvania 16066, United States of America (hereinafter called "the Assignors") of the first part,

AND DBT Deutsche Bergbau-Technik GmbH a German Company of, Industriestraße 1, D-44534 Lünen, Germany (hereinafter called "the Assignees") of the second part.

WHEREAS the Assignors are the Applicants for the United States Patent Application claiming priority from German Patent Application No. 10046497.1 filed 20 September 2000 with the text attached hereto (Hereinafter called "The Patent").

AND WHEREAS the Assignors have agreed to assign the said Patent to the Assignee.

NOW THEREFORE be it known to all whom it may concern that for and in consideration of the sum of \$1.00 (One United States Dollar) paid by the Assignee to the Assignors (the receipt of which the Assignors hereby acknowledge) the Assignors as beneficial owners HEREBY ASSIGN unto the Assignee the entire right, title and interest in and to the said Patent.

> PATENT REEL: 012623 FRAME: 0033

IN WITNESS whereof the Assignors have executed these presents the day and year first above written.

Dr Ulrich Paschedag

Harry Marsin

We accept the above assignment of the said Patant

DBT Deutsche Bergbau-Technik GmbH

By: <u>i.V. bollint</u> Name Wollon Raupt Position Head of Fat. - Dep.

Name Huna Position Specialist

**RECORDED: 02/12/2002**