12-04-1998 FORM PTO-1594 U.S. DEPARTMENT OF COMMERCE EET (Rev. 6-93) Patent and Trademark Offi 100913944 OMB No. 0651-0011 Tab settir∷s ⇒ ⊸ ⇒ ▼ To the Assistant Commissioner for Trademarks: 4 1998 Please record the attached original documents or copy 2. Name and address of 1. Name of conveying party(ies): ving party(ies) Name: Arch Technology Corporation Arch Coal, Inc. Internal Address: □ Individual(s) □ Association Street Address: CityPlace One, Suite 300 □ General Partnership □ Limited Partnership Corporation-State City: St. Louis\_ State: MO ZIP: 63141 Other \_ □ Individual(s) citizenship \_ Association \_ Additional name(s) of conveying party(ies) stracked? E Yes 8 No General Partnership □ Limited Partnership ■ Corporation-State 3. Nature of conveyance: □ Other ■ Assignment □ Merger If assignee is not domiciled in the United States, a domestic  $$\rm C^{*} \to \rm C^{*} \to \rm$ □ Security Agreement □ Change of Name (Designations must be a separate document from assignment) □ Other \_\_\_ Additional name(s) & address(es) at:ached? □ Yes ☑ No Execution Date: \_\_\_October 19, 1998 4. Application number(s) or Registration number(s): B. Trademark Registration No.(s) A. Trademark Application No.(s) 1,999,823, issued September 10, 1996 Additional numbers attached? E Yes 🛛 No 5. Name and address of party to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: registrations involved: Richard L. Byrne Internal Address: Webb Ziesenheim Bruening 7. Total fee (37 CFR 3.41)......\$ 40.00 Logsdon Orkin & Hanson, P.C. ■ Enclosed Street Address: 700 Koppers Building □ Authorized to be charged to deposit account 436 Seventh Avenue 8. Deposit account number: City: Pittsburgh State: PA ZIP: 15219-1818 12/02/1998 IMBUYEN 00000155 1999823 (Attach triplicate copy of this page if paying by deposit account) 01 FÜ<del>r 481</del> 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

Mail documents to be recorded with required cover sheet information to:
U.S. Patent and Trademark Office, Office of Public Records
Crystal Gateway 4, Room 335, Washington, D.C. 20231

Total number of mages including cover sheet, attachments and document

Richard L. Byrne

Name of Person Signing

Registration No. 28,498

November 24,

Date

## TRADEMARK ASSIGNMENT

WHEREAS, ARCH COAL, INC., a Delaware corporation, having a place of business at CityPlace One, Suite 300, St. Louis, Missouri 63141, has adopted, used, is using and is the owner of the following trademark and registration in the United States Patent and Trademark Office:

Mark ARCHVEYOR Registration No. 1,999,823

Issue Date September 10, 1996

WHEREAS, ARCH TECHNOLOGY CORPORATION, corporation, having a place of business at CityPlace One, Suite 300, St. Louis, Missouri 63141, has acquired certain of the assets of Arch Coal, Inc. and is desirous of acquiring said trademark, the goodwill associated therewith and the registration thereof;

NOW, THEREFORE, intending to be legally bound hereby, and for good and valuable consideration, receipt of which is hereby acknowledged, said Arch Coal, Inc. does hereby assign unto said Arch Technology Corporation all rights, title and interest in and to the trademark and the said registration, together with the goodwill of the business symbolized by the trademark.

The assignment is executed this 19th day of October , 1998.

ARCH COAL, INC.

Vice President

STATE OF MISSOURI

SS:

COUNTY OF ST. LOUIS

Before me, a Notary Public in and for said County and State, personally appeared David B Daugh who acknowledged that he/she is the person who executed the foregoing assignment and acknowledged it to be his/her free and voluntary act and deed.

Witness my hand and notarial seal this

\_, 1998.

(Notarial Seal)

**RECORDED: 11/24/1998** 

JOHNNA HUGGINS Notary Public - Notary Seal STATE OF MISSOURL ST. LOUIS COUNTY MY COMMISSION EXP. MAY 14,2000

> TRADEMARK REEL: 1821 FRAME: 0910