UTILIZATION AND IMPLEMENTATION OF ATMOSPHERIC MONITORING SYSTEMS IN UNITED STATES UNDERGROUND COAL MINES AND APPLICATION OF RISK ASSESSMENT

Kenneth Reed Griffin

Dissertation submitted to the faculty of Virginia Polytechnic Institute and State University in partial fulfillment of the requirements for the degree of

Doctor of Philosophy

In

Mining Engineering

Kray Luxbacher
Michael Karmis
Zach Agioutantis
Gerald Luttrell
Anu Martikainen
Stanley Suboleski
Erik Westman

June 6, 2013
Blacksburg, Virginia

Keywords: mining atmospheric monitoring, underground monitoring, mine health and safety, mine explosions
Hello Kenneth:

As long as you mention in your thesis that part of this section was presented in the 14th USMVS I do not see any problem.

I hope that helps. Let me know.

Thanks,

Felipe

From: Kenneth Griffin [mailto:kegriffi@vt.edu]
Sent: Tuesday, May 14, 2013 6:11 PM
To: Felipe Calizaya
Subject: Copyright Permission for Griffin, 14th Mine Ventilation Symposium

Dear Mr. Felipe Calizaya,

I am completing a doctoral dissertation at Virginia Polytechnic Institute and State University (Virginia Tech) entitled "Comprehensive Design and Utilization of Atmospheric Monitoring Systems in United States Underground Coal Mines and Application of Risk Assessment." I would like your permission to reprint in my dissertation the following paper:

Comprehensive ventilation simulation of atmospheric monitoring sensors in underground coal mines


The requested permission extends to any future revisions and editions of my dissertation, including non-exclusive world rights in all languages, and to the prospective publication of my dissertation. These rights will in no way restrict republication of the material in any other form by you or by others authorized by you.

If these arrangements meet with your approval, please response to this letter in the affirmative.

Thank you very much,

Kenneth Griffin
Kathi Noland <noland@smenet.org>  
To: "kegriffi@vt.edu" <kegriffi@vt.edu>  

November 20, 2012  

Kenneth Griffin  
kegriffi@vt.edu  

Dear Kenneth Griffin:  

This acknowledges receipt of your manuscript, *Ventilation Risk Management in Underground Coal Mines: Atmospheric Monitoring in the United States*, for the 2013 SME Annual Meeting and Exhibit.  

Your manuscript will be preprinted prior to this meeting in digital copy, which will be available to you at the meeting. The number assigned to your paper is 13-118. Please use this number in any correspondence with SME headquarters for faster service.  

A copy will be available to you for shipment after the meeting if you do not attend. SME must receive a written request from you for this.  

Sincerely,  

Tara Davis  
Membership and Marketing Manager  

Kenneth Griffin <kegriffi@vt.edu>  
To: Kathi Noland <noland@smenet.org>  
Bcc: Kenneth Griffin <kegriffi@vt.edu>  

Dear Kathi Noland,
I am completing a doctoral dissertation at Virginia Polytechnic Institute and State University (Virginia Tech) entitled "Comprehensive Design and Utilization of Atmospheric Monitoring Systems in United States Underground Coal Mines and Application of Risk Assessment." I would like your permission to reprint in my dissertation the following papers:


and


The requested permission extends to any future revisions and editions of my dissertation, including non-exclusive world rights in all languages, and to the prospective publication of my dissertation. These rights will in no way restrict republication of the material in any other form by you or by others authorized by you.

If these arrangements meet with your approval, please response to this letter in the affirmative.

Thank you very much,
Kenneth Griffin
kegriffi@vt.edu
Virginia Tech Mining and Minerals Engineering

---

Tara Davis <davis@smenet.org> Thu, May 16, 2013 at 11:29 AM
To: "kegriffi@vt.edu" <kegriffi@vt.edu>

Hello
unless these were published elsewhere in SME—Mining Engineering or Minerals and Metallurgical Processing Journal, we do not hold copyright—not on individual preprints. So you are free to reprint at will. We do ask that you include a line stating where the paper was initially presented and published. Let me know if you have questions. Thank you.

Tara Davis
Society for Mining, Metallurgy, and Exploration Inc.
Membership and Marketing Manager

12999 E Adam Aircraft Cir.
Englewood, CO 80112
davis@smenet.org
303-948-4215
www.smenet.org
From: Kathi Noland
Sent: Thursday, May 16, 2013 7:03 AM
To: Tara Davis
Subject: FW: Your Annual Meeting Manuscript Preprint Number

From: Kenneth Griffin [mailto:kegriffi@vt.edu]
Sent: Wednesday, May 15, 2013 4:32 PM
To: Kathi Noland
Subject: Re: Your Annual Meeting Manuscript Preprint Number

[Quoted text hidden]

Kenneth Griffin <kegriffi@vt.edu> Thu, May 16, 2013 at 4:27 PM
To: Tara Davis <davis@smenet.org>

Tara,

Thank you very much for the quick response! I will mention the SME conference it was first presented at and include the preprint number.

Thanks again!
Kenny Griffin
kegriffi@vt.edu
Virginia Tech Mining and Minerals Engineering

[Quoted text hidden]
Virginia Tech ETD Fair Use Analysis Results

This is not a replacement for professional legal advice but an effort to assist you in making a sound decision.

Name: Kenneth Griffin


Based on the information you provided:

Factor 1

Your consideration of the purpose and character of your use of the copyright work weighs: in favor of fair use

Factor 2

Your consideration of the nature of the copyrighted work you used weighs: in favor of fair use

Factor 3

Your consideration of the amount and substantiality of your use of the copyright work weighs: in favor of fair use

Factor 4

Your consideration of the effect or potential effect on the market after your use of the copyrighted work weighs: in favor of fair use

Based on the information you provided, your use of the copyrighted work weighs: in favor of fair use