,	Docket No.: Uber 635,270
FORM PTO-1595 (Modified) 10 - 10 - 200 (Rev. 03-01)	3 R SHEET U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp.5/31/2002) P08/REV03	Patent and Trademark Office
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Name of conveying party(ies):	Name and address of receiving party(ies):
Robert E. Uber	Name: Mine Safety Appliances Company
	Internal Address:
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3. Nature of conveyance:	
	Street Address: 121 Gamma Drive
☐ Security Agreement ☐ Change of Name	0 7 8
☐ Other	City: Pittsburgh State: PA ZIP: 15238
Execution Date: August 5, 2003	Additional name(s) & address(es) attached?  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:	
A. Patent Application No.(s)	B. Patent No.(s)
10/635,270	
Additional numbers attached? ☐ Yes 🏿 No	
Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: James G. Uber, Esq.	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Mine Safety Appliances Company	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
10/09/2002 ECORPER 00000016 133635 10635270	Credited of depited to deposit account
60-FC10001 40.00 BA	Authorized to be charged to deposit account as well any excess or insufficiency.
Street Address: P.O. Box 426	8. Deposit account number:
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City: Pittsburgh State: PA ZIP: 15230	(Attach duplicate copy of this page if paying by deposit account)
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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.	
Stephanie J. Cassidy Stepha	onie J. Cassely October 6, 2003
Name of Person Signing	Signature J Date
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## ASSIGNMENT OF INVENTION

For certain sufficiently valuable considerations, receipt of which are acknowledged, I hereby assign to MINE SAFETY APPLIANCES COMPANY, PITTSBURGH, PENNSYLVANIA, a corporation of Pennsylvania, its successors and assigns, all of my right and interest in, to and under the invention or inventions disclosed in an application for United States Patent executed by me under even date therewith for improvements in

## PHOTOACOUSTIC GAS SENSOR UTILIZING DIFFUSION

together with all of my right and interest in said application and all reissues, divisions, renewals, continuations, or continuations-in-part thereof, and my rights in, to and under all patents granted on said invention or inventions by any countries. I warrant that I have unconditional right to make this assignment, that no license has been granted thereunder by me, and that no other application for United States patent on the same invention or inventions has been or will be executed by me as of this date. I agree upon request, without further consideration, but without expense to me, to execute all papers and generally to do everything necessary to obtain and maintain patent protection for and exclusive enjoyment of said invention or inventions by and for said assignee everywhere in the world.

Signed and sealed this  $\frac{546}{6}$  day of

COMMONWEALTH OF PENNSYLVANIA

) SS:

COUNTY OF ALLEGHENY

On this 5th day of Wegust, 2003 before me a Notary Public in and for said County and State, came the above named Robert E. Uber and acknowledged the foregoing assignment to be his voluntary act and deed, and desired the same to be recorded as such.

Notarial Seal Carol Y. Ribnicky, Notary Public O'Hara Twp., Allegheny County My Commission Expires Mar. 8, 2006

Member, Pennsylvania Association of Notaries

**PATENT RECORDED: 10/08/2003** REEL: 014564 FRAME: 0738