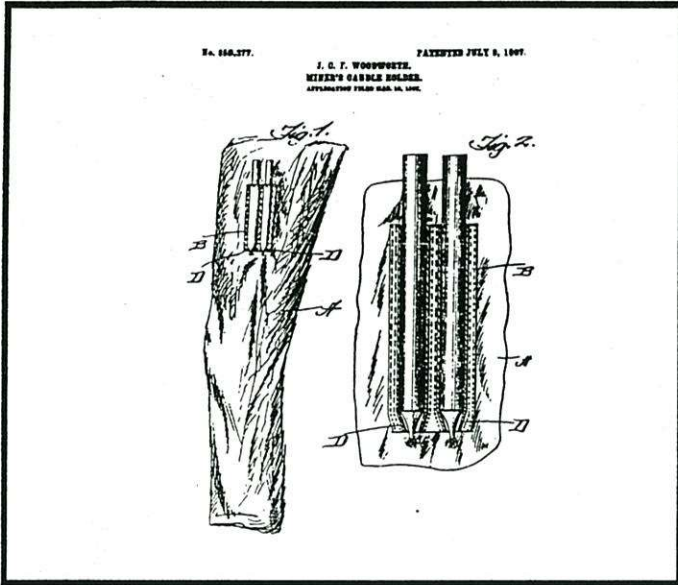


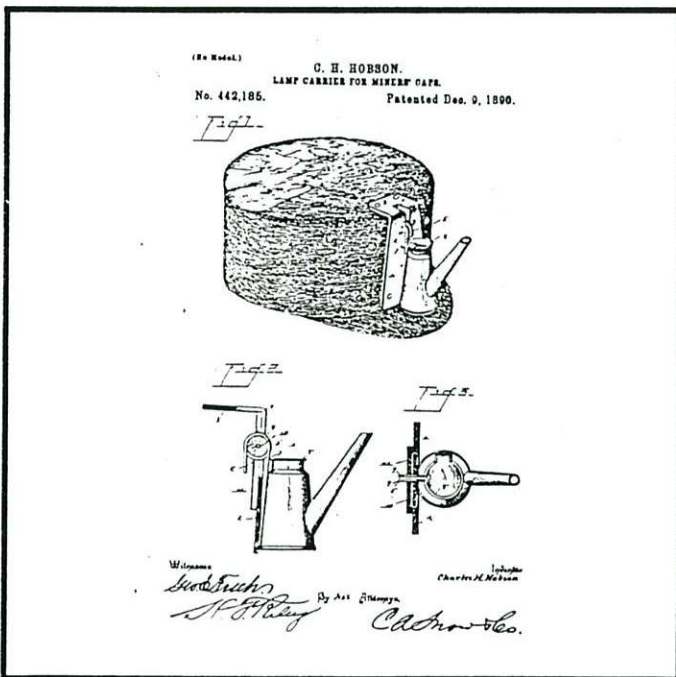
He Used a Pantload of Candles

Jack Ramsdell of Carson City, NV sends two interesting patents. The first is a holster for carrying candles. A piece of fabric is sewn onto a trouser leg in such a way as to form two tubes. Both are open at the bottom end to allow foreign matter to fall through. The inventor, John Woodworth, lived in Silverbell, Arizona. It was patented July 9, 1907, a time when Arizona was still a territory and lone prospectors roamed about. Mr. Woodworth must have spent one too many lonely nights with the mules to think of this one.



An Oil Lamp Pulley?

This invention prevented the common problem of oil spilling from the lamp when a miner stooped over. The lamp hung in a notched wheel (or pulley as it is described). No matter what forward angle the miner's cap tilted, the pivoting wheel kept the lamp upright.



Fuse Lighters

Leo Stambaugh, of Georgetown, Colorado, came up with a very unique item from his home town. The Matthews Fuse Lighters, made in Denver, Colorado, Pat. Sept 5, 1893. The round tin has a light blue paper label on the top and around the side. Leo had two of these tins mint and unopened. Curious to find out what the fuse lighters looked like, he opened one of the tins up, and to his surprise, found the instruction paper inside with all the tack size fuse lighters. Reading the instructions explains how they were used.

MATTHEWS' FUSE LIGHTERS

PATENTED SEPT. 5, 1893

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MADE BY
W. C. MATTHEWS
DENVER
COLO.

MATTHEWS' FUSE LIGHTERS

DIRECTIONS FOR USING

Insert sharp point of Fuse Lighter into the small hole in end of freshly cut fuse, FIRMLY WITH THE FINGERS, far enough so that covering on tack will go a short distance into fuse.

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ADVANTAGES OF USING THESE FUSE LIGHTERS :

They are cheap.
Are easily and quickly applied.
Save a great deal of time and bother, in which way they pay for themselves many times over as well as being a great convenience.
ALWAYS SURE TO GO, and do not require watching to see that fuse spits.
Require nothing in applying them but the fingers.
Will not run out of fuse, no matter which way turned.
They are water-proof, to some extent, so that handling with damp hands will not injure them; only see that small end inserted in fuse is not wet to keep from dampening the powder in the fuse.
Where a number of shots are to be fired at once make pieces of fuse all the same length, hold in a bunch, apply candle and they will all light at once.
Or, if shots are wanted to go regularly in rotation, by lighting Fuse Lighters in rotation they will be sure to spit fuse as desired and put off shots as wanted.
For open air blasting or in strong draft they are sure to go, as they light easily and wind cannot blow them out.

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DEALERS IN MINING SUPPLIES