(Model.)

H. F. SEYBERT.

MINER'S PICK.

No. 271,929. Patented Feb. 6, 1883.

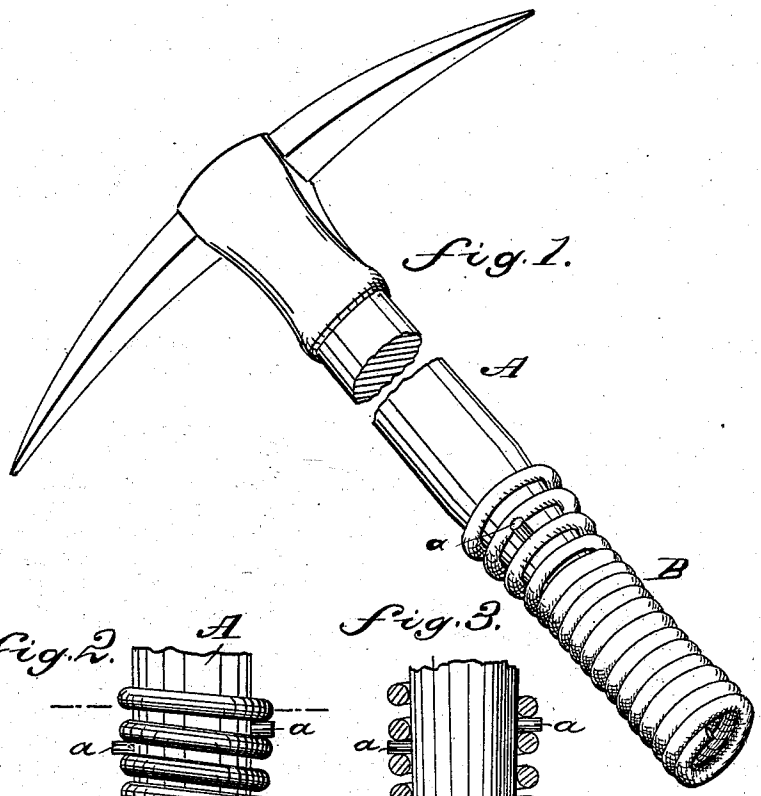


Fig. 1.

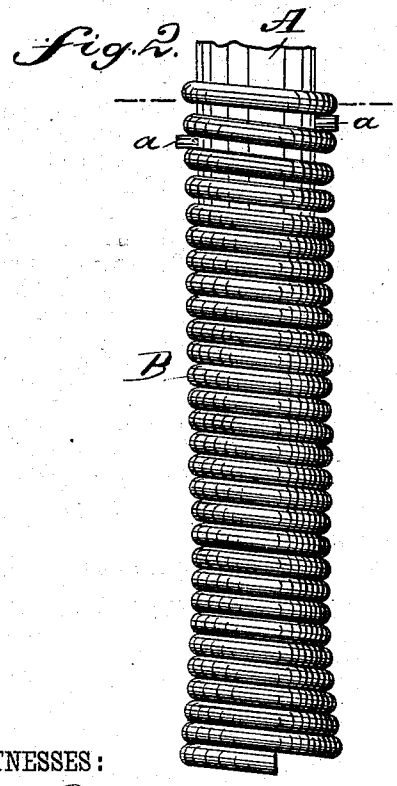


Fig. 2.

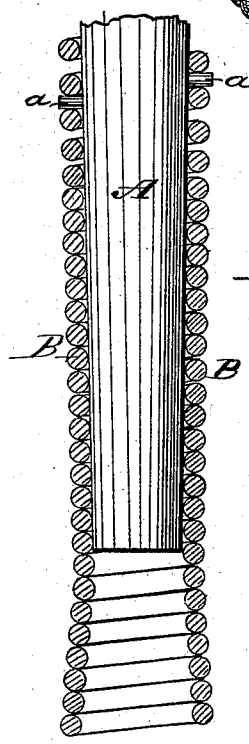


Fig. 3.

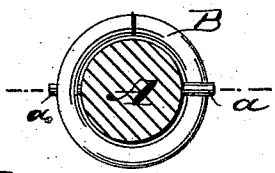


Fig. 4.

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UNITED STATES PATENT OFFICE.

HARVEY F. SEYBERT, OF BRADY'S BEND, PENNSYLVANIA.

MINER'S PICK.

SPECIFICATION forming part of Letters Patent No. 271,929, dated February 6, 1883.
Application filed September 20, 1882. (Model.)

To all whom it may concern:

Be it known that I, HARVEY F. SEYBERT, of Brady's Bend, in the county of Armstrong and State of Pennsylvania, have invented a new and useful Improvement in Miners' Tools, of which the following is a full, clear, and exact description.

My invention relates to picks and other tools used by coal-miners; and it consists in a spring-handle, having the object to relieve the workman from the jar and shock of striking blows with the tool, and also to insure more effective action by the tool, as set forth hereinafter.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a pick with my improvement applied. Fig. 2 is a side view of the spring attachment. Fig. 3 is a longitudinal section, and Fig. 4 is a cross-section, of the handle and spring.

The handle A of the pick is slightly reduced in size at its outer end, and to that end is applied a spiral spring, B. The spring B is made of strong wire and is wound closely, except at the inner end, or the end passing upon the handle, where two or three coils are separated slightly in order that they may engage the projecting pins *a* on the handle, by which the spring is prevented from slipping off the handle. The spring is shaped to the handle for about two-thirds the length of the spring, and its outer end increases slightly in diameter. This enlarged end projects from the end of the handle and assists in the holding of the tool and increases the elasticity. This spring may be applied to the handle of any tool, one spring serving for a set. In use the spring serves as the means by which the tool is held, and when a blow is struck, instead of the force being checked by the handle being held rigidly, the spring gives way at the same time the hand and arm of the workman are relieved from jar caused by the blow.

This device is inexpensive and can be readily applied to mining and other tools.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In combination with the handle of a pick or other analogous implement, a spiral-spring extension which is adapted to snugly fit the handle at its inner end, as and for the purpose set forth.

2. The spiral spring B, formed with an enlarged end and held upon the end of handle A by pins *a*, as shown and described.

HARVEY F. SEYBERT.

Witnesses:
FRANK SEYBERT,
R. R. MCGREGOR.