

No. 810,488.

PATENTED JAN. 23, 1906.

G. W. JARVIS.
SHOVEL GUARD.

APPLICATION FILED AUG. 2, 1905.

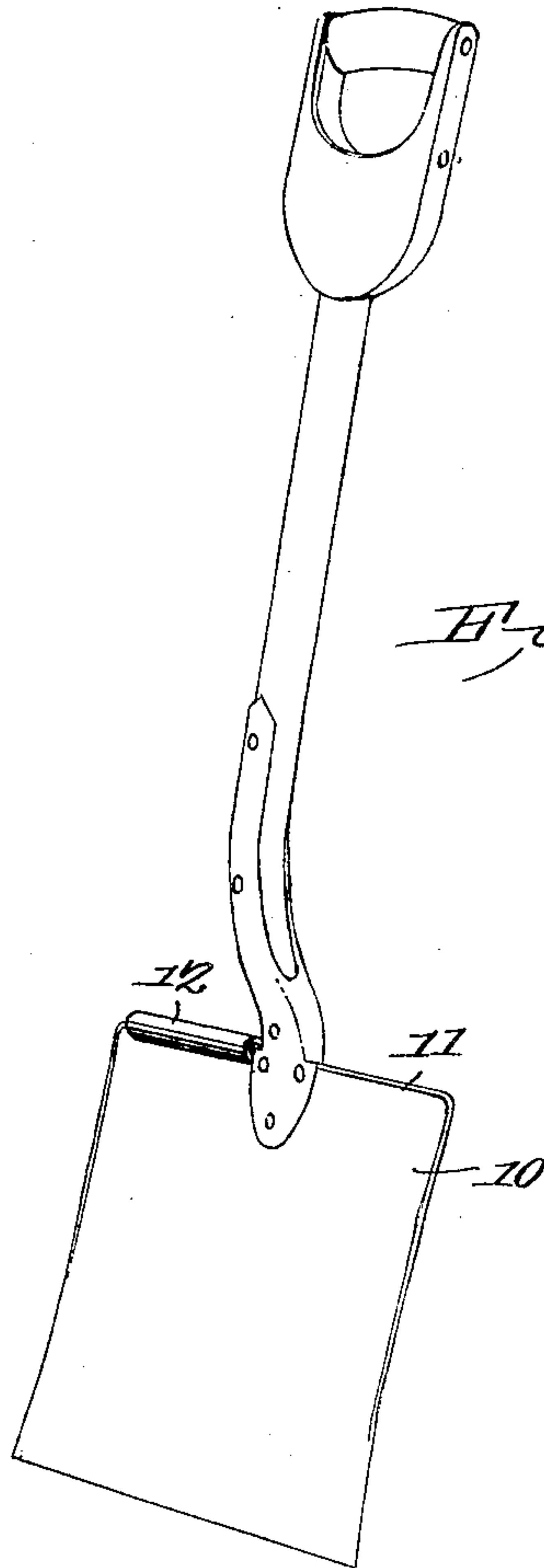
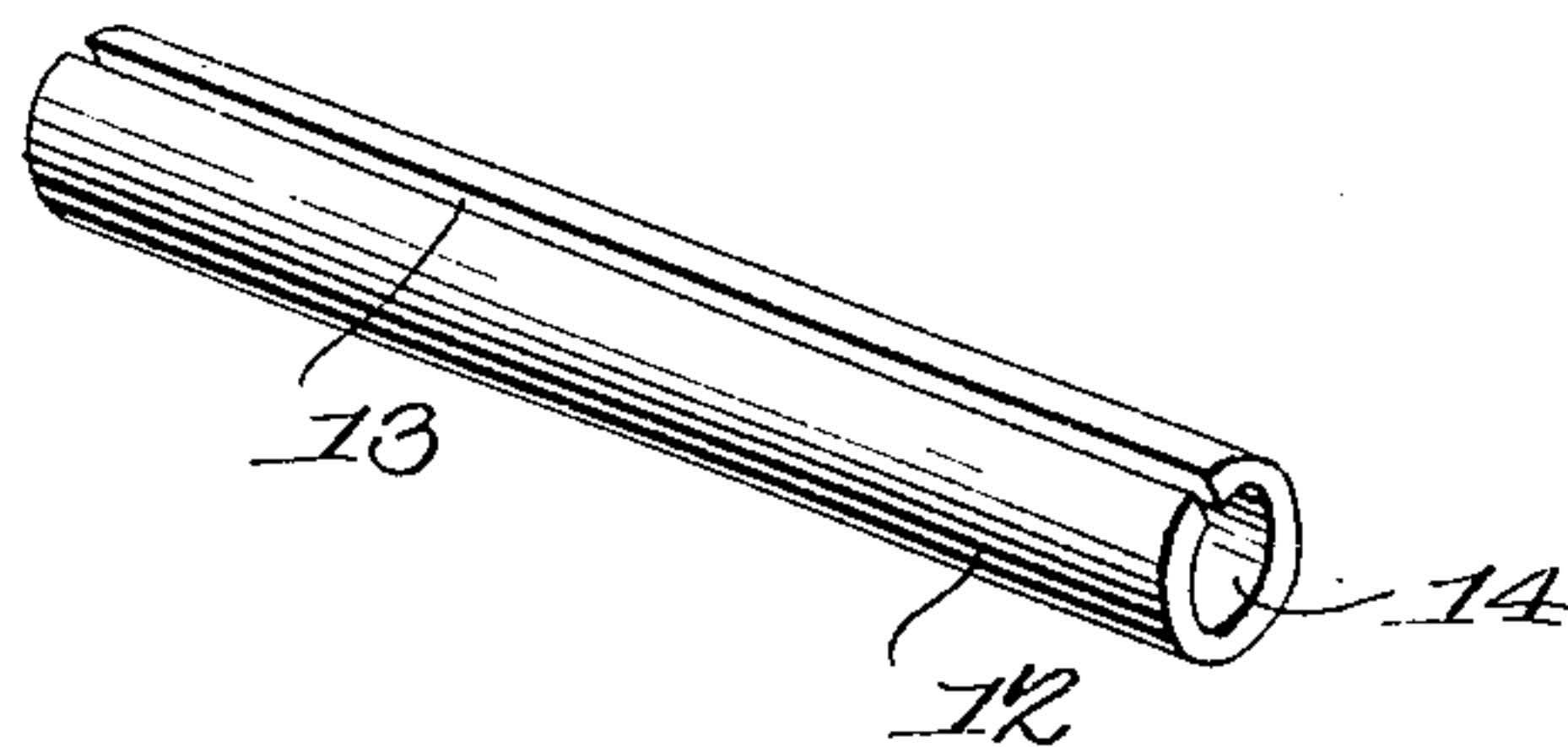


Fig. 1.

Fig. 2.



Witnesses

E. J. Stewart
L. J. Merrill.

George W. Jarvis,

Inventor,

by

C. A. Snow & Co.

Attorneys

UNITED STATES PATENT OFFICE.

GEORGE W. JARVIS, OF TOWNSEND, MONTANA.

SHOVEL-GUARD.

No. 810,488.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed August 2, 1905. Serial No. 272,408.

To all whom it may concern:

Be it known that I, GEORGE W. JARVIS, a citizen of the United States, residing at Townsend, in the county of Broadwater and State of Montana, have invented a new and useful Shovel-Guard, of which the following is a specification.

This invention relates to shovel-guards, and has for its object to provide a device of the class embodying new and improved features of cheapness, durability, and utility.

A further object of the invention is to provide a shoe-guard which may be placed on either side of the shovel and changed at will from one shovel to another, said guard being held in position on the shovel by the clamping action of its spring-jaws.

A further object of the invention is to provide a shoe-guard for a shovel presenting a smooth exterior surface for contact with the shoe.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made without departing from the spirit or sacrificing any of its advantages.

In the drawings, Figure 1 is a perspective view of a shovel with the guard mounted thereon in operative position. Fig. 2 is an enlarged perspective view of the guard removed from the shovel.

Like characters of reference designate corresponding parts throughout the several views.

The shoe-guard forming the subject-matter of this application is adapted to be applied to the upper end of the bit 10 of any shovel provided with a substantially straight edge 11. In its preferred form the guard com-

prises a cylindrical tube 12, split longitudinally, as at 13, to form a pair of parallel spring clamping-jaws and leaving a substantially cylindrical interior opening 14. The tube 12 is preferably formed of spring metal and when placed on the shovel is retained in position by the clamping action of the spring-jaws and presents a smooth rounded exterior surface to the shoe. When desired, the guard may be removed and placed on the other side of the shovel-bit or upon another shovel and, being practically indestructible, may be changed from an old shovel to a new one as often as desired.

Having thus described the invention, what is claimed is —

1. A shoe-guard for shovels comprising a tube split longitudinally to form a pair of inwardly-extending spring clamping-jaws having smooth continuous gripping-faces for engagement with the bit of the shovel.

2. A shoe-guard for shovels comprising a cylindrical tube of uniform width split longitudinally to form a pair of parallel spring-jaws having smooth continuous gripping-faces for engagement with the bit of the shovel.

3. A shoe-guard for shovels comprising a reversible tube having curved exterior walls provided with a longitudinal slot defining a pair of inwardly-extending spring clamping-jaws the gripping-faces of which are smooth and continuous and adapted to engage the bit of the shovel, said gripping-faces being of equal length and disposed flush with the curved exterior walls of the tube.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GEORGE W. JARVIS.

Witnesses:

FRANK X. DOLENTY,
P. H. MURPHY.