

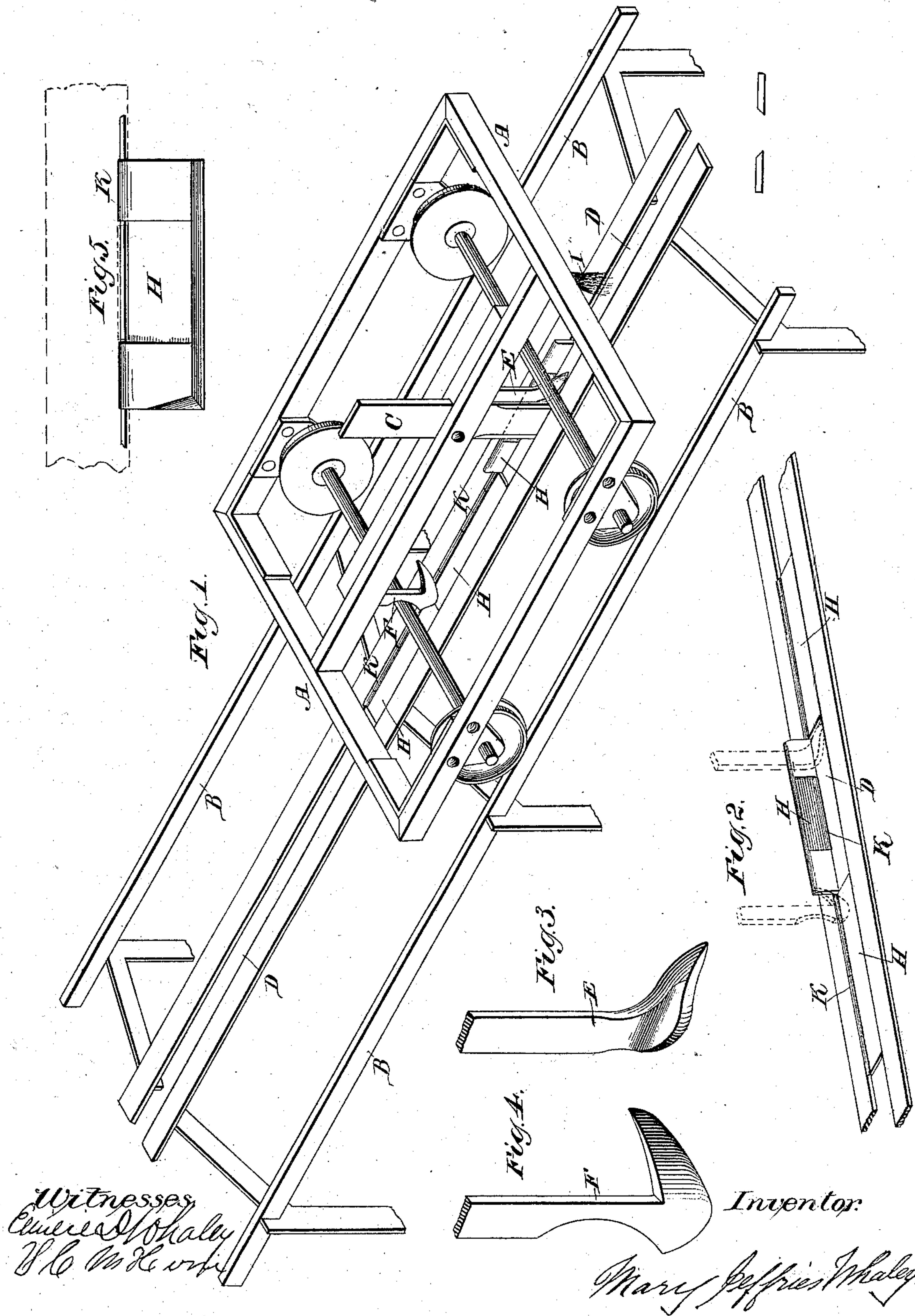
(No Model.)

M. J. WHALEY.

COVERING THE SLOT OF CABLE ROADS.

No. 254,854.

Patented Mar. 14, 1882.



UNITED STATES PATENT OFFICE.

MARY JEFFRIES WHALEY, OF LINCOLN, NEBRASKA.

COVERING THE SLOT OF CABLE-ROADS.

SPECIFICATION forming part of Letters Patent No. 254,854, dated March 14, 1882.

Application filed November 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, MARY JEFFRIES WHALEY, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented a new and useful Closing for Slots of Cable-Roads, of which the following is a specification.

My invention relates to a cover for the slot or opening that accommodates the clutch on cable-roads and opening and shutting plows for operating the same.

The objects of my improvement are, first, to provide a covering for the slot; second, to afford the facilities for the proper opening and closing of the covering. I attain these objects by the mechanism illustrated in the accompanying drawings, which consists of a series of plates hinged on a rod at one side and opened and shut by means of adjustable plows attached to the car before and behind the clutch, the plates to be the length of the clutch and opening-plow, with a small space between to permit the operating of the clutch. The sides of the slot are to be beveled to accommodate the beveled plates, which plates fit next each other and in the slot, so as to leave a smooth surface and no opening.

Figure 1 represents the frame of platform of car A A A A resting on rails B B B B, and shows the clutch C passing through the slot D, left open by means of the opening-plow E. The letters H represent the plates. F shows

the closing-plow, which follows the clutch C at one plate distant. The opening-plow E and closing-plow F are to be bolted to the car proper, so that if the car is not turned at the ends of the road they can be adjusted so as to fulfill their object. Letter I represents cleaning-brush, running along the hinge K, and preceding the opening-plow E.

Fig. 2 is a view of the slot D as it appears after the removal of the car, with three plates, H, one open and two closed, and the beveled sides of the slot D.

Fig. 3 is a view of the opening-plow E.

Fig. 4 is a view of the closing-plow F.

Fig. 5 shows one of the plates H with beveled side and hinging-rod K.

The need of the slot-covering is to prevent the entry of dirt, ice, snow, &c., incident to our colder climates from impeding the working of the cable on cable-roads.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with a covering made by the plates H, fastened on hinging-rod K, for the beveled slot D of cable-roads, of the opening plow E and closing-plow F, for operating the same.

MARY JEFFRIES WHALEY.

In presence of—

CHAS. O. WHEDON,
CHAS. E. MAGOON.