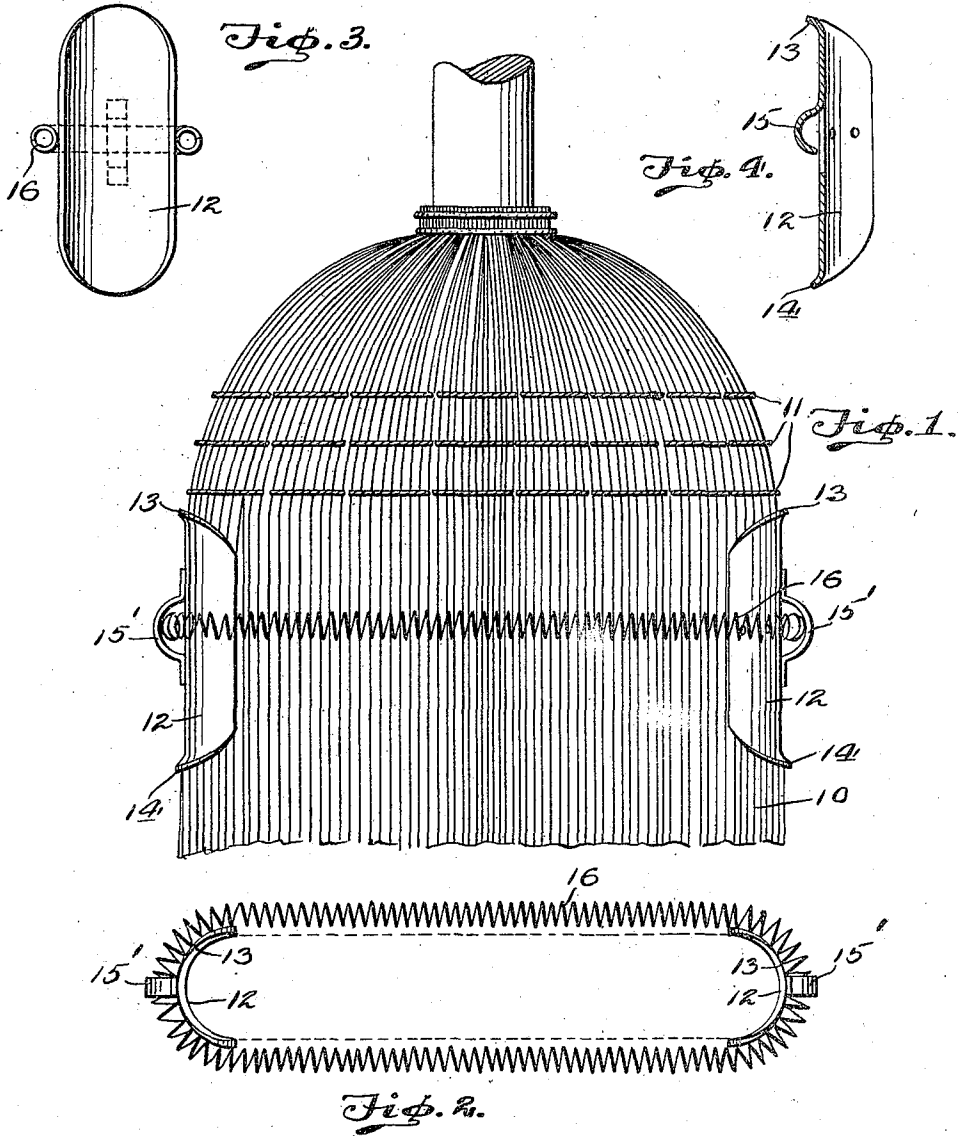


J. E. HEWETT,
BROOM BRIDLE,
APPLICATION FILED JULY 15, 1915.

1,201,299.

Patented Oct. 17, 1916.



WITNESSES

Edw. S. Hall.

Boas J. Woodward.

BY

Richard C. Owen.

ATTORNEY

INVENTOR
John E. Hewett.

UNITED STATES PATENT OFFICE.

JOHN E. HEWETT, OF WILMINGTON, NORTH CAROLINA.

BROOM-BRIDLE.

1,201,299.

Specification of Letters Patent.

Patented Oct. 17, 1916.

Application filed July 15, 1915. Serial No. 40,092.

To all whom it may concern:

Be it known that I, JOHN E. HEWETT, a citizen of the United States, residing at Wilmington, in the county of New Hanover and State of North Carolina, have invented certain new and useful Improvements in Broom-Bridles, of which the following is a specification.

This invention relates to an improved broom bridle and the principal object of the invention is to provide a bridle which is so constructed that it will be very tightly held about the broom but at the same time permitted to have expansion so that if the broom is subjected to excessive strain the bridle can expand and thus be prevented being broken. This will also prevent danger of the broom straws being broken if the broom is subjected to unusual strain.

Another object of the invention is to provide improved plates forming part of the bridle, the plates being so constructed that they will conform to the contour of the broom and permit the broom straws to spread slightly without being broken.

Another object of the invention is to provide improved means for yieldably connecting these plates so the plates will be held in very tight engagement with the broom and hold the broom in the proper shape.

This invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a view in elevation of a portion of a broom showing the improved bridle mounted thereon, Fig. 2 is a top plan view of the improved bridle, the broom being indicated by dotted lines, Fig. 3 is a view in elevation of one of the plates forming part of the bridle, and Fig. 4 is a vertical sectional view through the plates shown in Fig. 3.

The bridle is mounted upon the broom 10 as shown in Fig. 1 and is positioned beneath the lines of stitches 11 and braces the broom straws so that the broom will be held in the proper shape and the straws prevented from spreading and thus preventing the broom from sweeping improperly. The plates 12 are curved transversely as shown in Fig. 2 and have their upper and lower end portions bent outwardly to form the lips 13 and

14 which permit the plates to be held in very tight engagement with the broom straws without danger of the straws being broken. The tongues are struck from the plates 12 and are bent outwardly to form the eyes 15 or if desired these eyes may be formed from separate strips of metal 15' as shown in Fig. 1 and secured to the plates by any suitable means such for instance as by being soldered or riveted to the plates. In order to yieldably connect these plates there is provided a spring 16 which passes through the eyes 15, and extends about the broom thus serving as means for holding the broom straws in the proper position as well as serving as means for yieldably connecting the plates. Therefore this spring serves as a straw binding element as well as connecting means for the plates. When using this device the broom handle will be passed through the spring between the plates and the bridle will then be slipped over the upper portion of the broom head and drawn down along the straws with the plates fitting about the edge faces of the broom and the spring extending along the side faces of the broom. The spring will have sufficient strength to hold the plates in very tight engagement with the straws but at the same time will permit the plates to move sufficiently to release the strain in case excessive strain is placed upon the broom for any reason. After the broom is worn out the bridle can be easily removed and placed upon a new broom. It will thus be seen that the bridle can be easily changed from one broom to another and therefore does not have to be thrown away with the broom when the broom is worn out.

What is claimed is:—

1. A broom bridle comprising arcuate plates for engaging the edge portions of a broom, a spring for extending about a broom and engaging the outer faces of said plates to yieldably hold the plates in tight engagement with a broom, and means for loosely connecting the spring with the central portion of the plates for permitting the plates to have pivotal movement independent of the spring.

2. A broom bridle comprising broom engaging plates arcuate in cross section for

straddling the edge portions of a broom,
outwardly extending eyes at the central
portions of said plates, and a broom encir-
cling spring extending about said plates and
5 through said eyes to yieldably connect the
plates, said eyes loosely connecting the plates
with the spring.

In testimony whereof I affix my signature
in presence of two witnesses.

JOHN E. HEWETT.

Witnesses:

IREDELL MEARES,
BURKE H. BRIDGES.