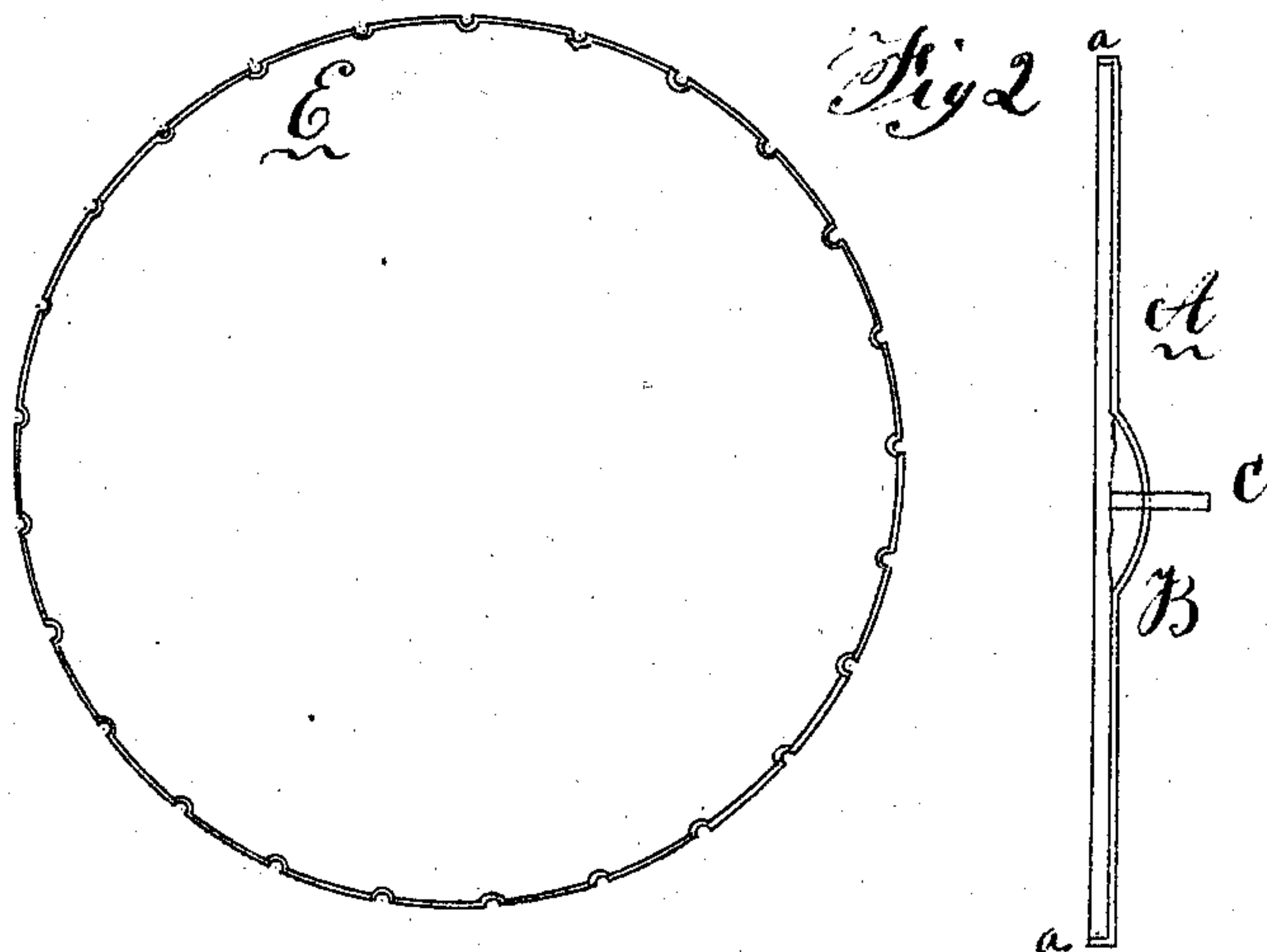
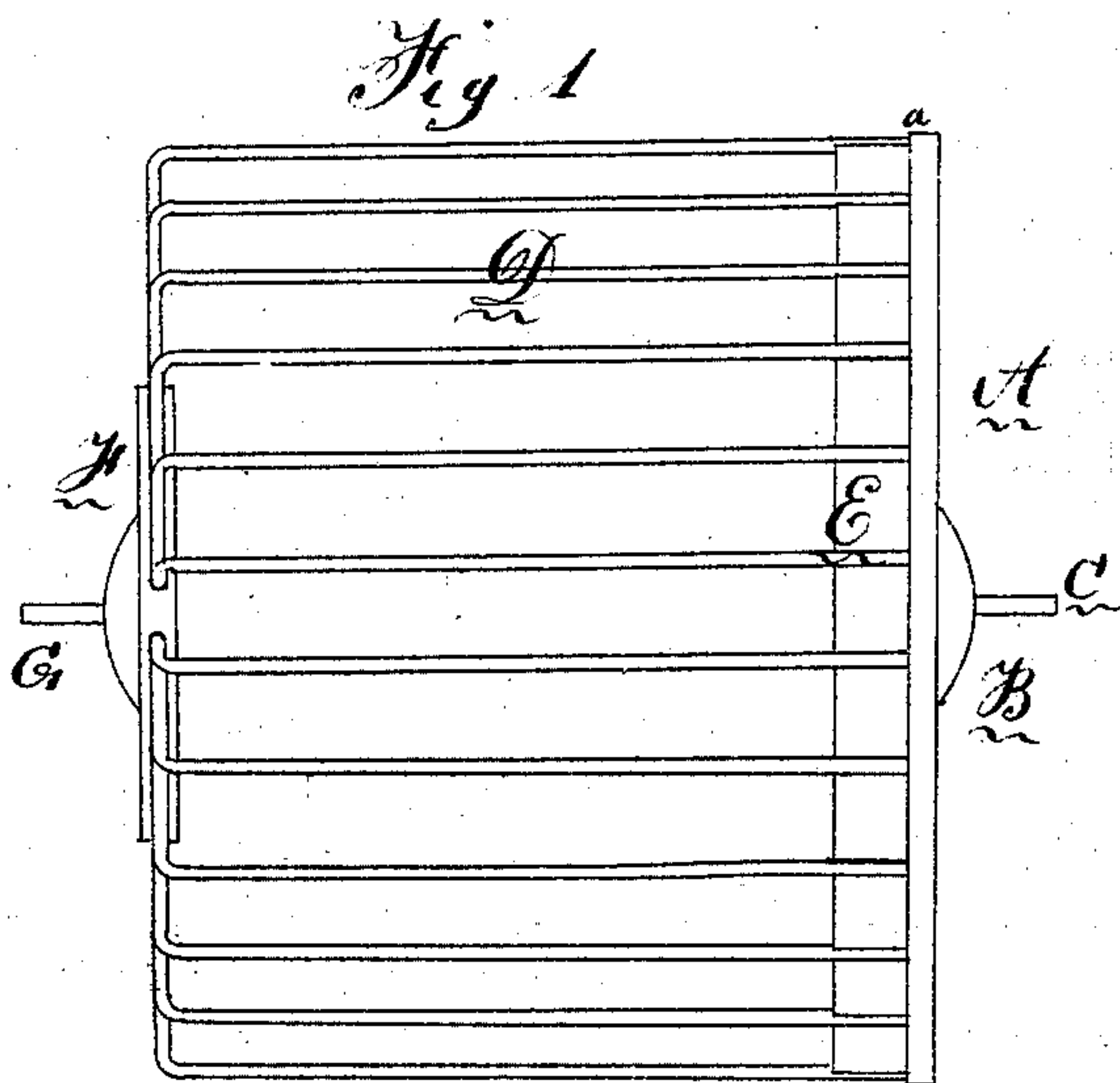


*B. B. & J. R. Hill,*  
*Wheel for Animal Traps*

116592

PATENTED JUL 4 1871



Witness  
*A. Greene*  
*D. Brown*

Joint Inventors  
*B. B. & J. R. Hill*  
 by their attorney  
*James G. Arnold*

# UNITED STATES PATENT OFFICE.

BENJAMIN B. HILL AND JOHN R. HILL, OF WORCESTER, MASSACHUSETTS.

## IMPROVEMENT IN WHEELS FOR ANIMAL-TRAPS.

Specification forming part of Letters Patent No. 116,592, dated July 4, 1871.

*To all whom it may concern:*

Be it known that we, BENJAMIN B. HILL and JOHN R. HILL, of Worcester, county of Worcester, State of Massachusetts, have invented certain Improvements in Wheels for Animal-Traps, of which the following is a specification:

Our invention relates to that class of traps in which a revolving wheel is used. Its object is to simplify the construction and make it efficient. Its nature is fully exhibited in the following description:

In the drawing, Figure 1 shows a side view of a wheel embodying our invention. Fig. 2 shows the corrugated band and a section through the center of the plate A.

The body of our wheel is made of wires D, bent near one end in the common form, and the other end secured by means of a corrugated band, E, whose corrugations hold the wires, and a cap-plate, A, forming a head, whose edge *a* projects over the wires, and is soldered with them to the band E. The middle of A is struck up or made with a boss, B, which makes both a brace and

cup to hold the solder inside, and thus secures the pivot C. The bent ends of the wires are brought near the center and secured by casting a solid head, F, which holds them and the pivot G, around which a boss or brace is cast corresponding to the opposite one. These projections on the pivots both strengthen them and also make a guard to keep the wheel from hitting its supports, and the solid head gives additional weight, which steadies its motion and makes a more durable fastening for the wires than has heretofore been used.

We claim—

1. The combination of the plate A, having a hub and rim, *a*, with the wires and corrugated band inside the wires, as set forth.

2. The combination of the solid head with its hub, and pivot with the bent wires, as above described.

Witnesses:

AARON GREENE,  
JAS. G. ARNOLD.

B. B. HILL.  
JOHN R. HILL.