No. 831,496. PATENTED SEPT. 18, 1906.

H. H. BELL.

ADVERTISING DEVICE.

APPLICATION FILED FEB. 26, 1906.

Fig. 2.



Fig. 3.

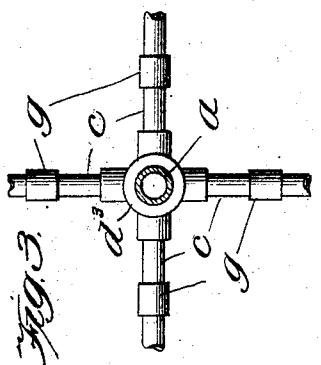


Fig. 4.

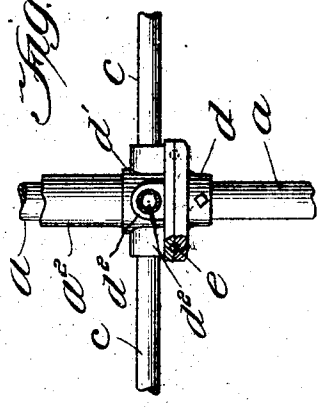
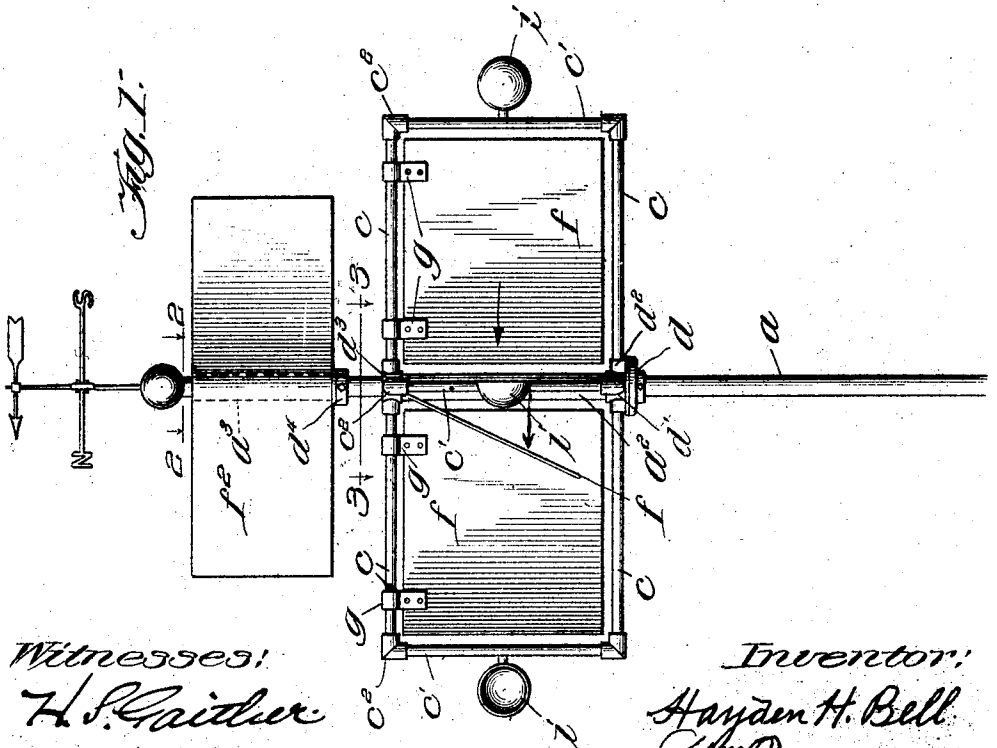


Fig. 1.



Witnesses:

H. S. Gaither.

Frank S. Graham.

Inventor:

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Atty

UNITED STATES PATENT OFFICE.

HAYDEN H. BELL, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO RICHARD O'NEILL.

ADVERTISING DEVICE.

No. 831,496 Specification of Letters Patent. Patented Sept. 18, 1906.

Application filed February 26, 1906. Serial No. 302,950.

To all whom it may concern:

Be it known that I, HAYDEN H. BELL, a citizen of the United States, residing in Chicago, Illinois, have invented certain new and useful Improvements in Advertising Devices, of which the following is a specification.

My invention relates to that class of advertising mechanism in which the advertising is done by the use of signs; and my device relates to movable signs actuated by some force, as wind, for the purpose of attracting the attention of those who pass by such signs. I attain said desirable ends by means of mechanism such as is shown and described in the hereto accompanying drawings, in which—

Figure 1 shows my said device in side elevation. Fig. 2 shows the top sign-board f^2 in plan view below the cutting plane 2 2 of Fig. 1. Fig. 3 shows fragments of the upper arms c and their support in plan view below the cutting plane 3 3 of Fig. 1. Fig. 4 shows the lower hub or arm-holder of the arms c in side elevation.

Like reference-letters denote like parts throughout.

The object of my invention is to produce signs which shall be in motion and at the same time easily legible and which may be actuated by the wind or any other suitable agency. To attain said desirable ends I construct my said new device in substantially the following manner, namely: I use, preferably, a gas-pipe of suitable diameter and length planted firmly in the ground. At a suitable height above the ground is secured a collar d, provided with ballways and balls e, and upon said balls rides an arm-hub or socket-piece d', provided with a desired number of sockets d^2, into which are screwed horizontal arms c, and into the upper end of said hub is screwed a pipe a^2, forming a sleeve which fits loosely over the pipe a, and at its upper end is a hub d^3 for the upper arms c, constructed substantially like said lower hub and arms. The ends of said arms are connected by pieces of pipe c', screwed into pipe-elbows c^2, thus forming a frame of the parts a^2, c, and c', within which is a sign f, hung on straps g on the upper arm c. As seen from the drawings, a limited number of arms c may be provided, as two, three, or four; but a greater number would cause the swinging signs to interfere, and also cause more or less difficulty in reading the signs. The stem a may extend above said rotary mechanism and be provided with a collar d^4 held by a set-bolt to form a shoulder, and on said collar rests a sleeve a^3, fitting loosely over the pipe a, and on said sleeve is secured a sign f^2 consisting of two opposite boards of thin material of which the ends are brought together and fastened, thereby holding said boards firmly on said sleeve. The signs f will be in motion, swinging back and forth as the arms turn to and from the wind. To make said rotation of the arms c, I apply to some part, as to c', hemispherical cups i, arranged, as shown, so as to catch the wind on one side of the rotary mechanism.

By hanging each sign, as shown, it is enabled to yield to strong wind and to thereby relieve the stress that would otherwise press against the stem, and thus save it from injury from storms, while in gentle wind the slight motion of the signs will tend to increase attention to the signs.

All the supporting mechanism being made of metal it is a fire-proof device, which at the same time is also less liable to be injured by mischievous parties than it would be if made of wood.

What I claim is—

1. The combination with a stem provided with a shoulder, of sleeve-connected socket-pieces on said stem provided with end-connected arms forming a frame, and a swinging sign within such frame.

2. The combination with a stem provided with a shoulder, of sleeve-connected socket-pieces on said stem provided with end-connected arms, swing-signs on the upper of said arms, and means to secure rotary action to said mechanism.

HAYDEN H. BELL.

Witnesses:
WM. ZIMMERMAN.
H. R. GRAHAM.