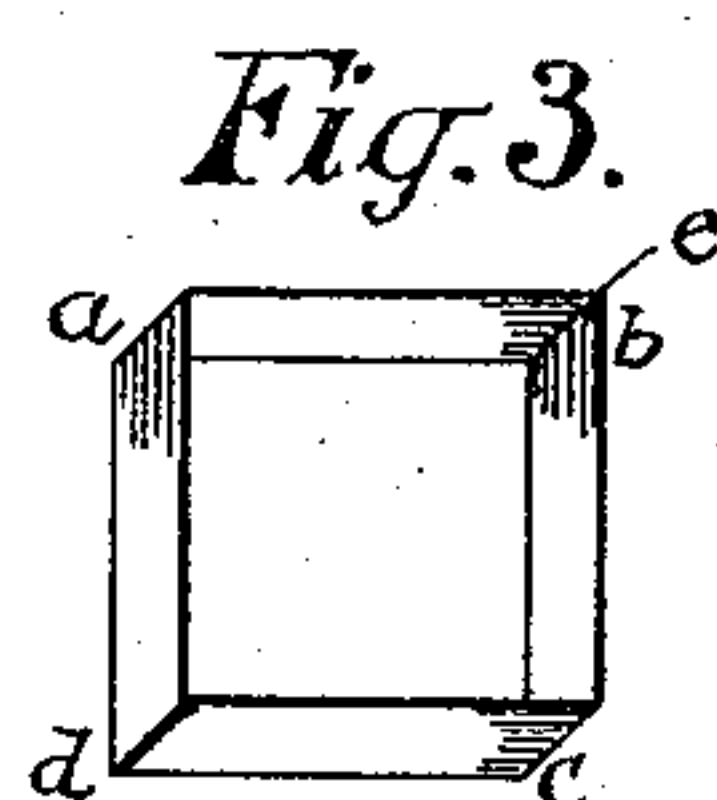
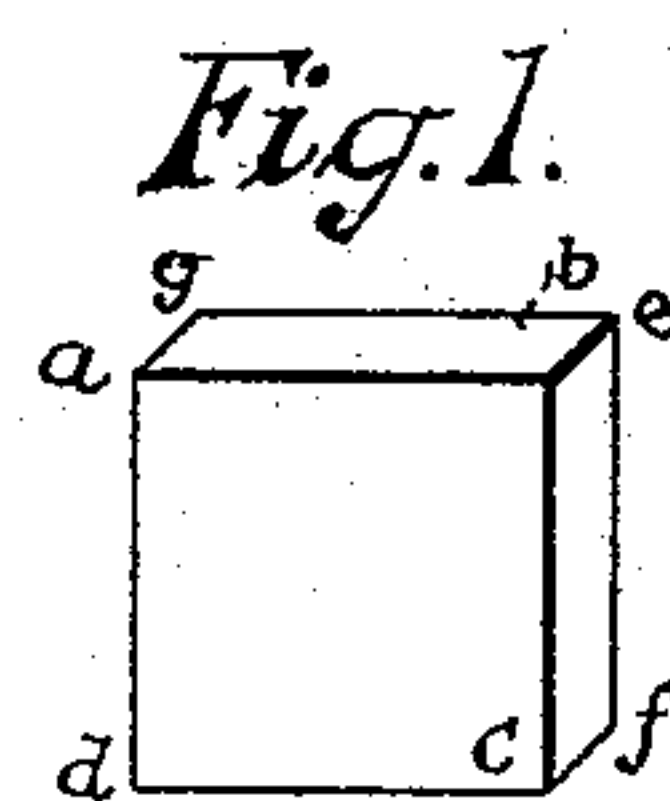
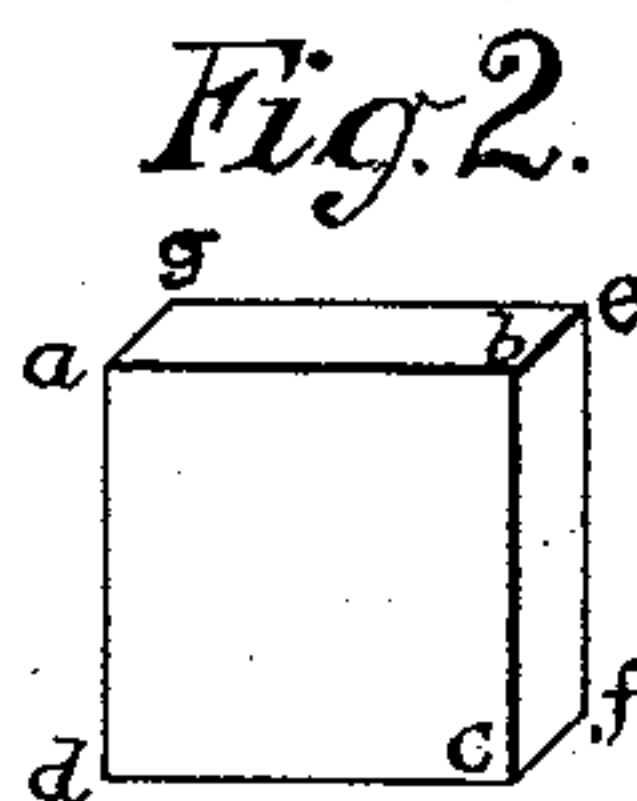
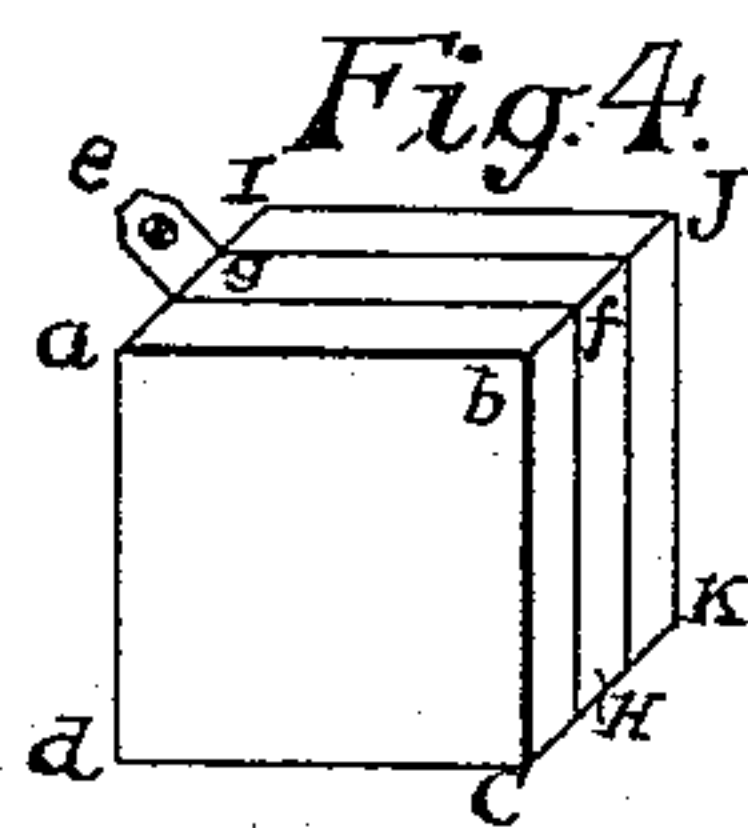


(No Model.)

D. A. SMITH & C. E. GRAPEWINE.
WATCH CHARM.

No. 483,949.

Patented Oct. 4, 1892.



Witnesses:

James C. Shirley
James C. Blackledge

Inventors.

Daniel A. Smith
Charles E. Grapevine

UNITED STATES PATENT OFFICE.

DANIEL A. SMITH AND CHARLES E. GRAPEWINE, OF KOKOMO, INDIANA.

WATCH-CHARM.

SPECIFICATION forming part of Letters Patent No. 483,949, dated October 4, 1892.

Application filed March 17, 1892. Serial No. 425,350. (No model.)

To all whom it may concern:

Be it known that we, DANIEL A. SMITH and CHARLES E. GRAPEWINE, citizens of the United States, residing at Kokomo, in the
5 county of Howard and State of Indiana, have invented a new and useful Watch-Charm, of which the following is a specification.

Our invention relates to a certain novel construction and arrangement of two pieces
10 of plate-glass held together by a metallic band in such a way as to form a "cube" to be worn as a pendant to watch chains and "fobs," the pieces of glass to inclose between them any picture, device, legend, or print and form
15 a mounting for the same.

The object of our invention is to supply an attractive and novel mounting, as above indicated, for either a picture, legend, or device, or all of them, to suit the taste of the wearer,
20 such picture, legend, or device being thoroughly protected from exposure to the air or moisture by the tablets of glass and yet being fully exposed to view in divers and curious ways. The prismatic effect of the glass
25 and the arrangement of picture, print, or device within serve to apparently change the position of the latter according to the point of view, and with each turn of the cube different views or effects are produced pleasing
30 and startling, according to the variety of the matter therein. We attain these objects by the mechanism illustrated in the accompanying drawings.

Figures 1 and 2 are tablets of plate-glass perfectly clear and having six smooth polished
35 sides. Fig. 3 represents a band either of gold, brass, tin, or other metal. Fig. 4 represents the complete device, showing the tablets of glass properly adjusted and held in
40 position by the metallic band.

The tablets represented by Figs. 1 and 2 are brought together upon their sides *a b c d*
45 in each figure so that the edges *g e* and *e f* in each will be precisely parallel. Between the two tablets are to be placed, facing outward both ways, the picture, legend, device, or print it is desired to mount. Upon the four edges of each tablet, facing inward, very

near the edges brought together may be arranged various words or legends in small
50 type. The two tablets are then bound together with the band illustrated by Fig. 3, which is wide enough to conceal the fine print on the four sides of each tablet mentioned above. By this means eight distinct names,
55 legends, or inscriptions may be incased, besides the two facing outward, none of which is observed except by looking inward at the edge of the tablet immediately above the band, and not more than one of which can
60 be seen at any one time, making eight distinct views, depending upon the position in which the cube is held. A very curious illusion is also produced upon the views held between the tablets by looking from the edges,
65 the effect being to "lift" them to the outward surface of the glass.

The complete device is represented by Fig. 4. *a b c d* and *I J K* represent the outward
70 surfaces of the two tablets. *e g f h* is the band surrounding the same and holding them in position with a perforated "shank" *e*, by which the whole is attached to the chain or guard.

What we claim as our invention, and upon
75 which we desire to secure Letters Patent, is—

1. A watch-charm comprising in its construction two pieces of plate-glass and a narrow metallic band uniting said pieces and concealing their point of juncture, substantially as described.
80

2. A watch-charm comprising in its construction two pieces of plate-glass laid face to face and forming a cube, and a narrow metallic band surrounding and concealing the
85 point of juncture of the two pieces and uniting the said pieces, all whereby two front faces and eight edge faces of glass are presented, through which may be seen oppositely or nearly oppositely located pictures or in-
90 scriptions, substantially as described.

DANIEL A. SMITH.

CHARLES E. GRAPEWINE.

Witnesses:

CASSIUS C. SHIRLEY,

JAMES C. BLACKLIDGE.