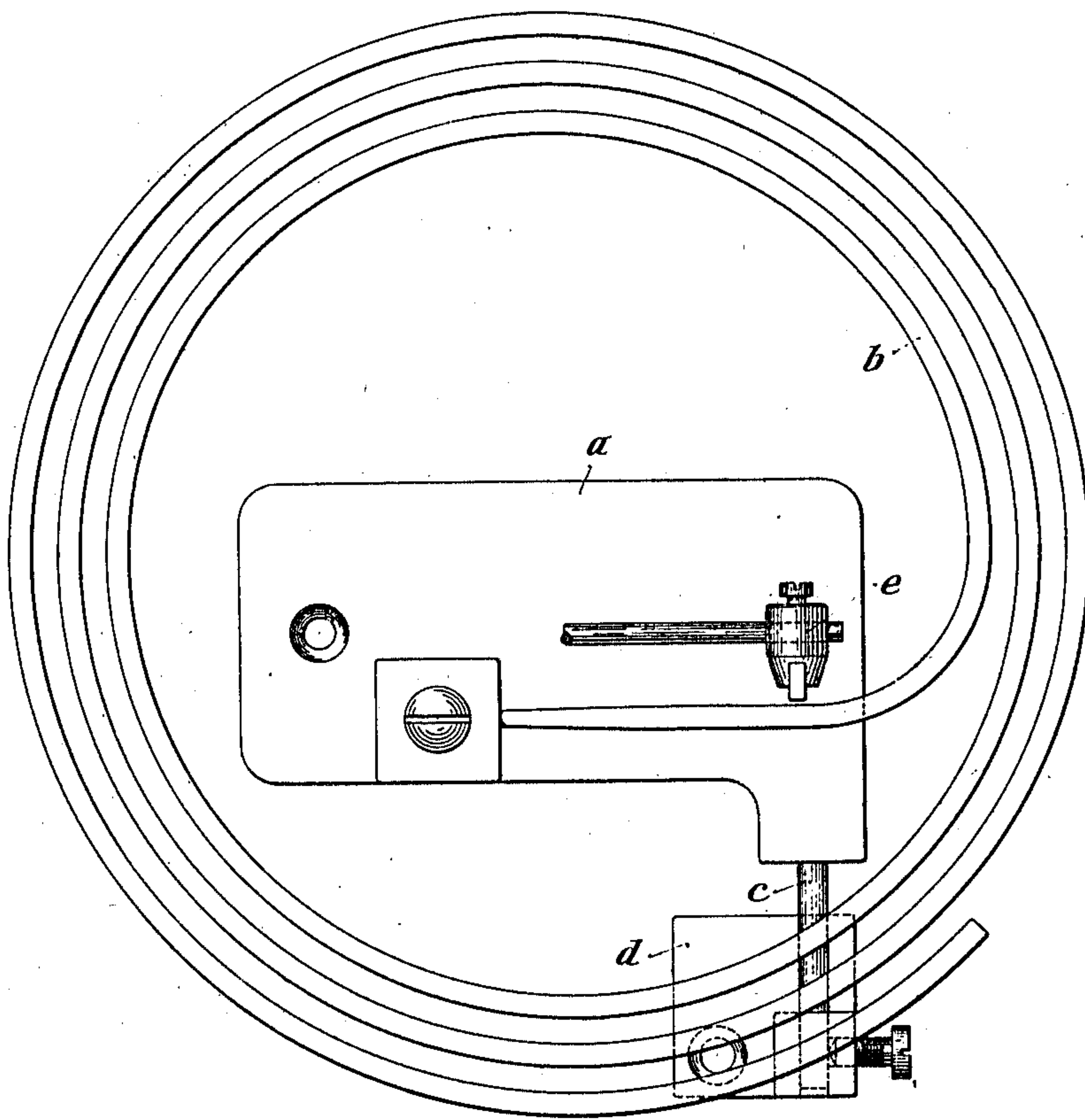


M. BÜGE.
CLOCK GONG.

APPLICATION FILED JUNE 17, 1910.

993,022.

Patented May 23, 1911.



Witnesses
C. Schallinger
C. Rehn.

Inventor
Max Büge
By J. P. Singer
Att'y

UNITED STATES PATENT OFFICE.

MAX BÜGE, OF SCHRAMBERG, GERMANY.

CLOCK-GONG.

993,022.

Specification of Letters Patent.

Patented May 23, 1911.

Application filed June 17, 1910. Serial No. 567,446.

To all whom it may concern:

Be it known that I, MAX BÜGE, watchmaker, a subject of the King of Würtemberg, residing at Schramberg, in the Kingdom of Würtemberg, Germany, have invented certain new and useful Clock-Gongs, of which the following is a full, clear, and exact description.

The present invention relates to gong supports for striking clocks in which the plate carrying the gong spring is not fixed directly to the rear wall of the clock case but is carried by a support preferably consisting of a wire rod which is then fixed to a plate screwed to the rear wall of the casing. In gong carriers of this kind the support for the gong plate is screwed into it exactly beneath the place at which the gong spring is secured to the gong plate. Now it has been found that in gong carriers of this kind a much better tone is obtained when the support for the gong plate is screwed in away from the point at which the gong spring is secured and underneath that place in the gong plate at which the hammer encounters the spring when the clock is striking. An arrangement of this kind forms the object of the present invention.

An embodiment of the invention is illustrated in front elevation in the accompanying drawing.

The gong carrier consists in the known manner of the gong plate *a*, the gong spring *b* secured thereto, the support *c* and the fixing plate *d* by means of which the gong carrier is screwed to the rear wall of the clock casing in the usual manner.

In the gong carrier here illustrated the support *c* is screwed to the right hand end of the gong plate *a*, beneath that part of the gong spring against which the hammer *e* strikes. By means of this arrangement a tone is obtained which as regards its fullness and softness is greatly superior to that obtained when the known forms of gong carriers are used.

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

1. A clock gong construction comprising in combination, a gong composed of a strip

of material formed into a plurality of convolutions having a centrally disposed opening therein, a hammer for said gong operating within said opening, an element supporting said gong, and a support for said element disposed in alinement with the point of engagement of said hammer with said gong, tangent to the path of movement of the hammer, substantially as described and for the purposes set forth.

2. A clock gong construction comprising in combination, a gong composed of a strip of material formed into a plurality of convolutions having one end portion thereof bent horizontally and inwardly therefrom, a horizontally disposed hammer arranged to strike downwardly on said portion at a point remote from the convolutions, an element for supporting said gong, and a support for said element disposed in vertical alinement and beneath the point of engagement of said hammer on said portion, tangent to the path of movement of the hammer, substantially as described and for the purposes set forth.

3. A clock gong construction comprising in combination, a gong composed of a strip of material formed into a plurality of spiral convolutions having one end portion thereof bent inwardly therefrom, a hammer arranged to strike said portion at a point remote from said convolutions, an element for supporting said gong, and a support for said element disposed in alinement with the point of engagement of said hammer with said portion, tangent to the path of the movement of the hammer, substantially as described and for the purposes set forth.

4. The combination with a gong, of a hammer therefor, an element supporting the gong, and a support for said element disposed in alinement with the point of engagement of the hammer with the gong and tangent to the path of movement of the hammer.

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

MAX BÜGE.

Witnesses:

GUSTAV ADOLF EDBERT,
EDMUND SPECHT.