

No. 860,204.

PATENTED JULY 16, 1907.

H. W. FISHEL.
JEWEL MOUNTING.
APPLICATION FILED MAY 4, 1907.

Fig. 1.

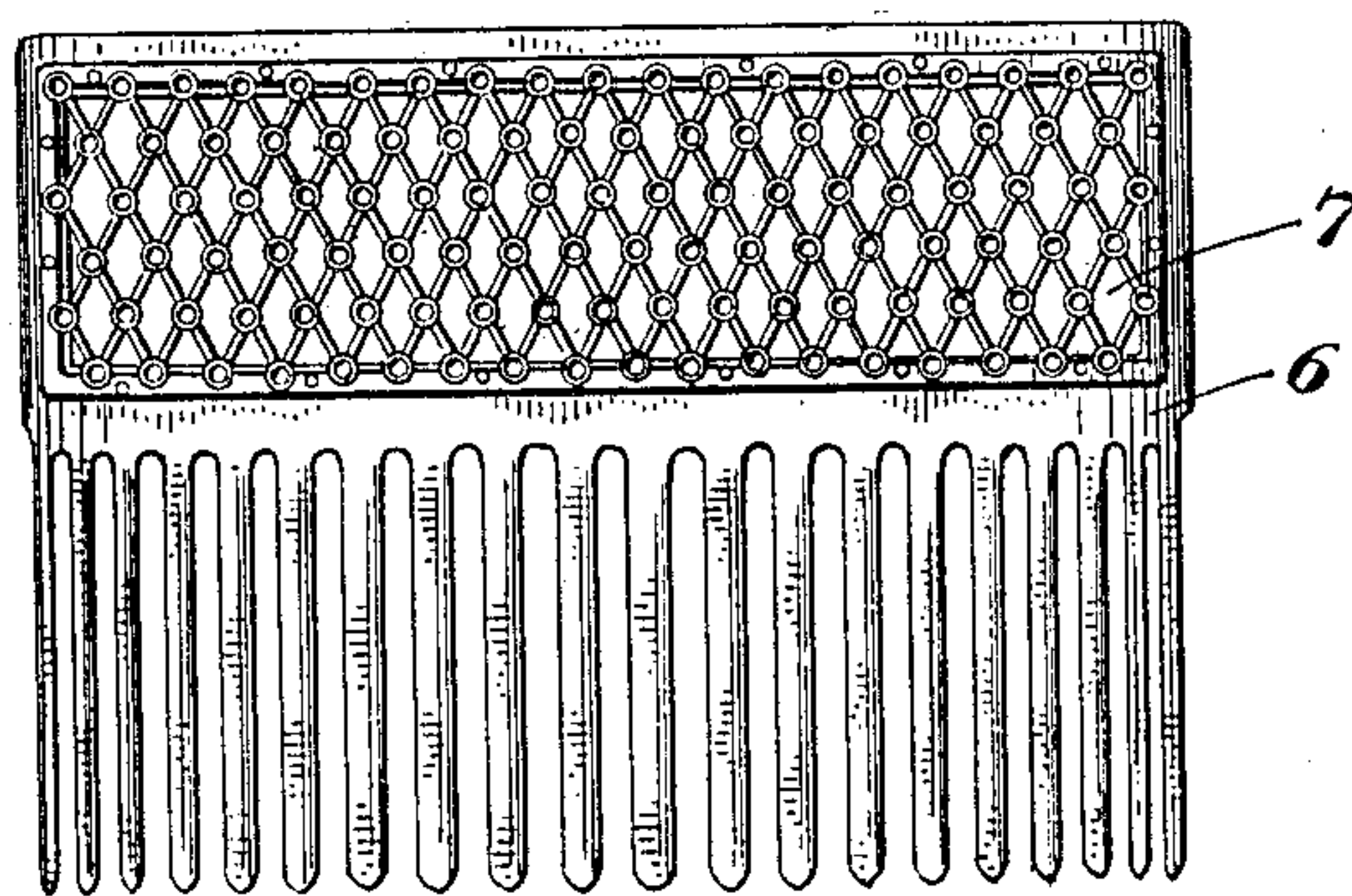


Fig. 2.

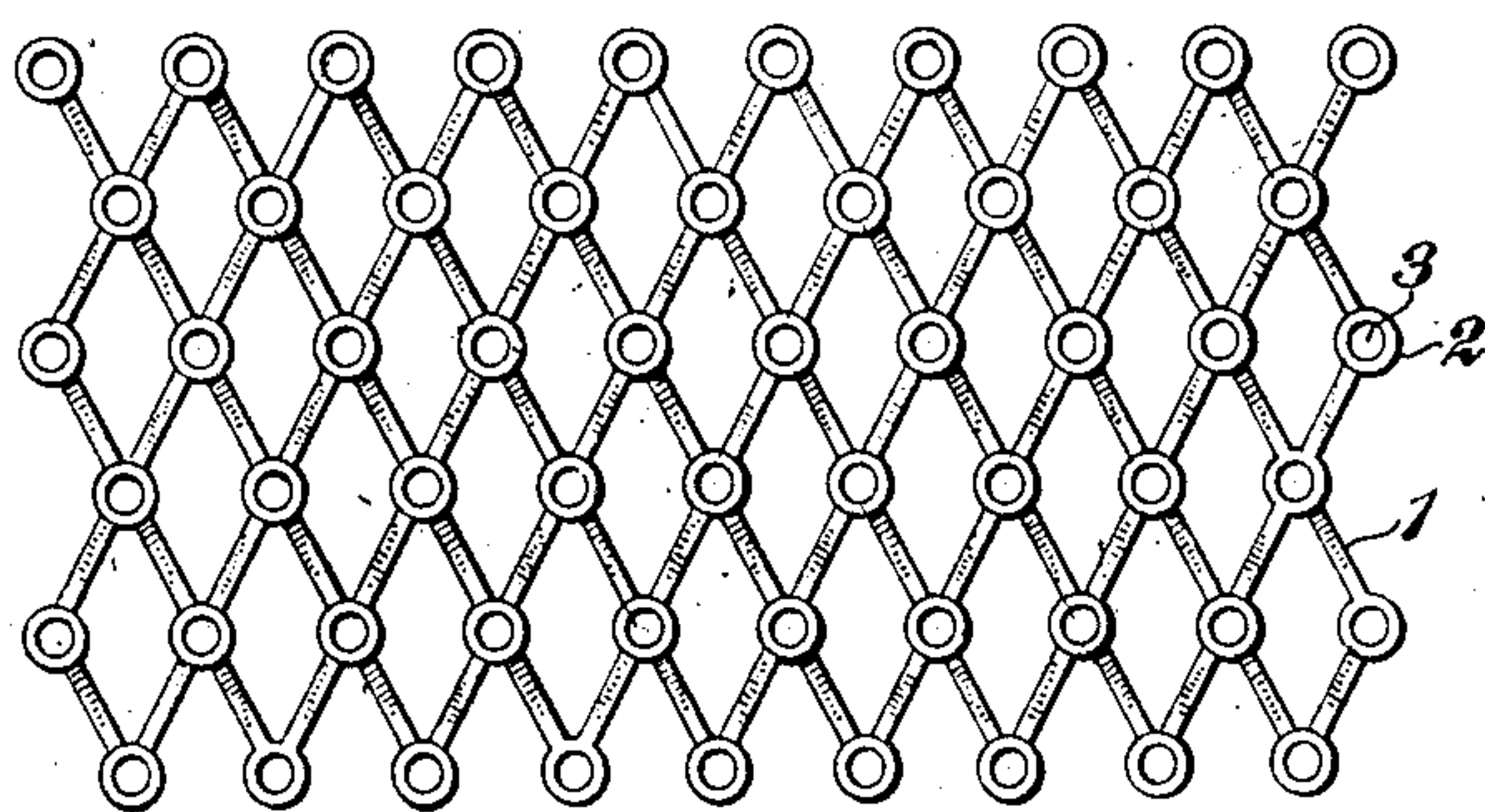


Fig. 3.

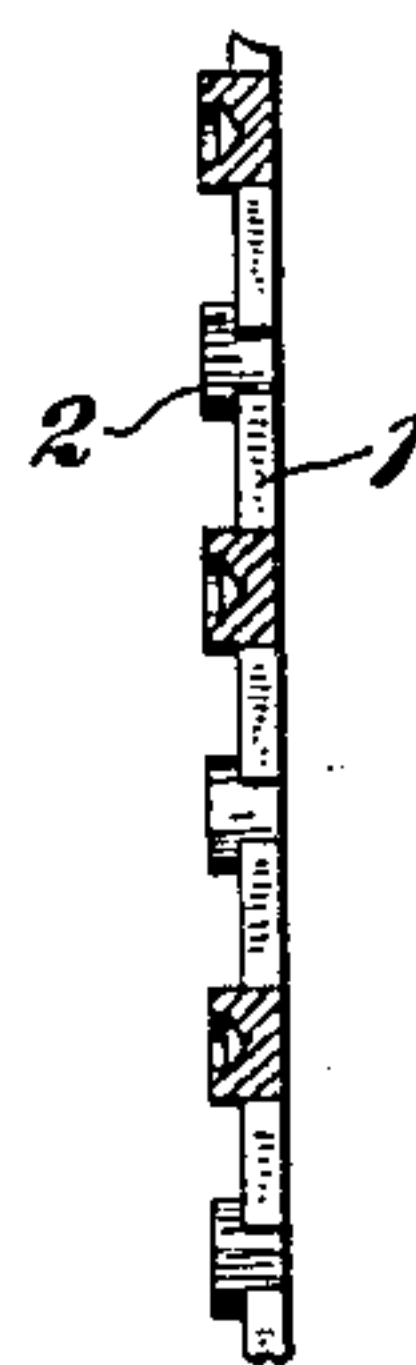


Fig. 4.

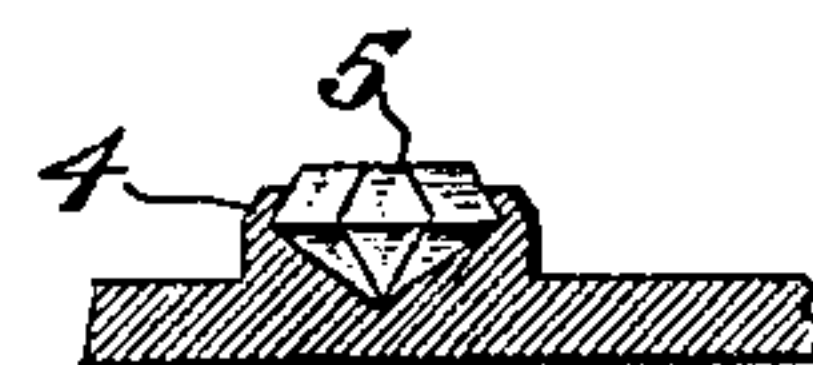
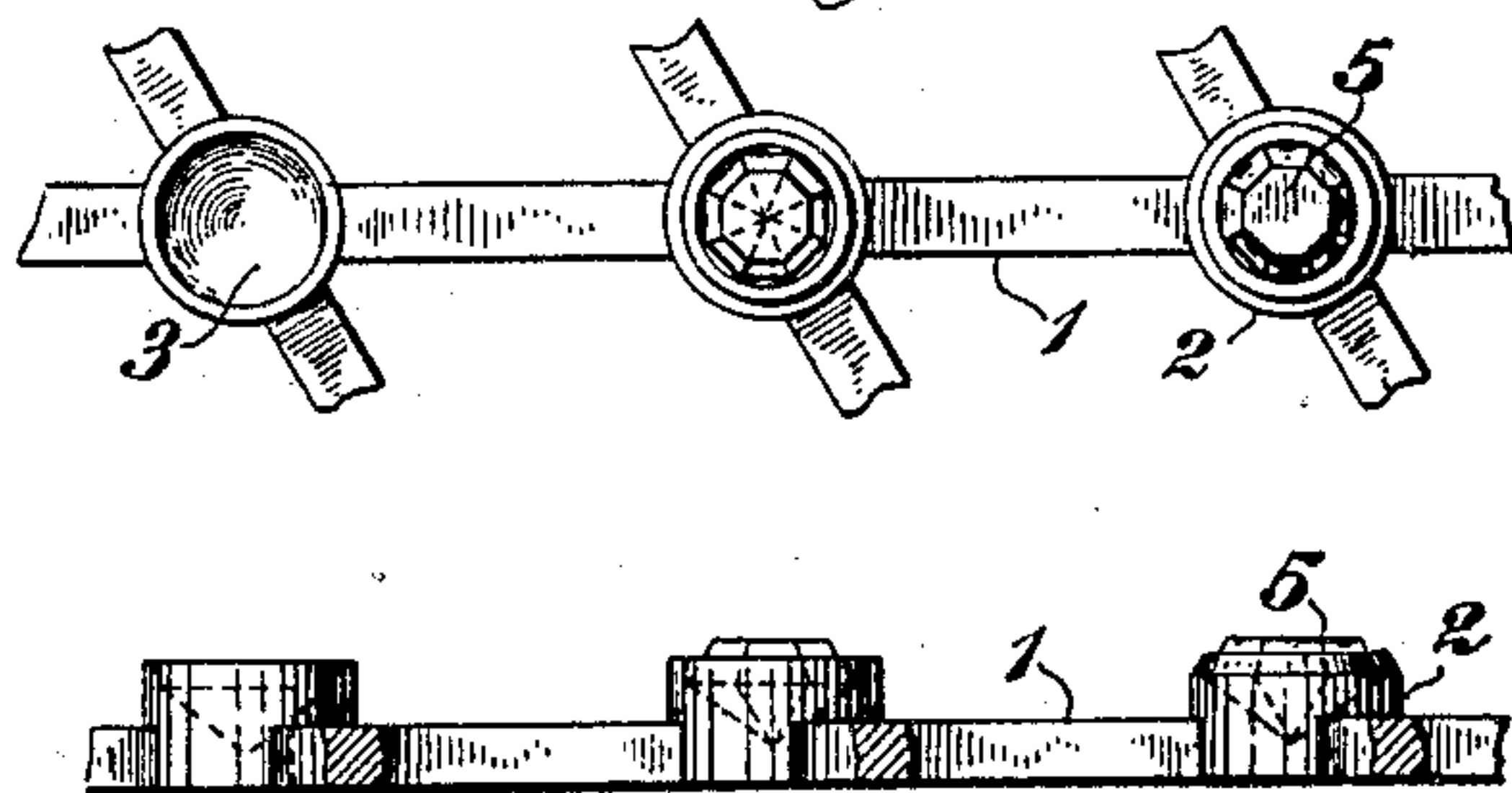


Fig. 5.

Fig. 6.

WITNESSES

Bernard Cowen

Ida Ruth Brown

INVENTOR

Henry W. Fishel

BY

Henry D. Williams

ATTORNEY

UNITED STATES PATENT OFFICE.

HENRY W. FISHEL, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND THEODORE H. FISHEL,
COPARTNERS TRADING AS FISHEL, NESSLER & COMPANY, OF NEW YORK, N. Y.

JEWEL-MOUNTING.

No. 860,204.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY W. FISHEL, a citizen of the United States, residing at the borough of Manhattan, city of New York, in the county of New York and State of New York, have invented a certain new and useful Improvement in Jewel-Mountings, of which the following is a specification, reference being had therein to the accompanying drawings, forming a part thereof.

My invention relates particularly to jewel mountings consisting of nettings of metal-work upon which jewels are set so as to be more or less closely arranged over a considerable surface, a common example of this construction being found in the ornamentation of back combs for the hair. In mounting jewels in this manner the best effect is produced by subordinating the appearance of the metal work as far as possible to the jewels, so that without the use of an undue number of jewels a rich and brilliant effect having as nearly as possible the appearance of contiguous settings may be produced. Mountings of this kind have heretofore been constructed by punching from sheet metal a netting having circular perforated portions at the intersections of the netting, and these circular portions serve as settings for the jewels. In this construction the stones are not well set off from the netting, which is substantially in the plane of the settings, so that the bars of the netting appear with undue prominence, and a further defect resides in the absence of metal backing for the jewels, a defect particularly of consequence in the use of rhinestones or other stones of low refractive power which require the use of a reflective backing to bring out their full brilliancy.

The object of my invention is to improve jewel mountings of the kind above described in such a manner as to produce a richer and more brilliant effect, in which the jewels are rendered more prominent and set off better from the netting and are provided with closed settings affording reflecting backings for the jewels, and to this end the invention consists in a jewel mounting in which a netting of metal is provided with bosses, preferably integral with the netting and located at its intersections, these bosses projecting prominently beyond the plane of the netting so as to set off the jewels while subordinating the netting, and being provided with jewel-receiving sockets extending only part way through the bosses so as to form closed box settings for the jewels and afford reflecting backings. The jewels are secured in these settings by burnishing the edges of the bosses over the edges of the jewels, and the combined effects of the jewels and the surrounding bands of burnished metal, which is preferably silver when used in connection with rhinestones, is very brilliant, while the netting itself, when the mounting is viewed

from an angle, is almost concealed by the outstanding jewels and their settings.

I will now describe the embodiment of my invention illustrated in the accompanying drawings, and will thereafter point out my invention in claims.

Figure 1 is a front elevation of a back comb ornamented with a jewel mounting embodying the present invention. Fig. 2 is a front elevation of the metal-work without the jewels. Fig. 3 is a vertical section of the metal-work. Figs. 4 and 5 are detail views in front elevation and bottom plan, respectively, of an empty setting and two settings occupied by jewels. Fig. 6 is a detail sectional view of one of the settings with a jewel in place.

In the illustrated embodiment of the invention the netting 1 is provided with prominently-projecting bosses 2 formed integral therewith and located at the intersections of the netting. Each boss is provided with a central socket 3 having a thin wall 4, and the jewel 5 is secured in the socket by burnishing over the wall of the socket to cause it to grip the edge of the jewel, as shown in Fig. 6, and to produce a beveled burnished surface which adds to the brilliancy and the apparent size of the jewel. When rhinestones or other white stones are used the effect is enhanced by making the metal-work of gold-plated silver, so that when the settings are burnished the silver is exposed around the jewels, while the gold plating tends to subordinate the appearance of the netting.

In Fig. 1 a jewel mounting of the kind above described is shown as applied to a back comb 6 provided with an opening 7 over which the netting is secured.

Owing to the thickness of metal through the bosses the jewel sockets do not pass completely through the metal as in the usual construction, but are closed at the back, as shown in Fig. 6, and thus the jewels are mounted in closed settings.

I claim:

1. A jewel mounting comprising a metal netting, bosses on the intersections of the netting and projecting substantially beyond the plane of the netting so as to set off the jewels therefrom, the bosses being provided with sockets constituting closed box settings, and jewels mounted in said settings.

2. A jewel mounting comprising a metal netting, bosses integral with the intersections of the netting, projecting substantially beyond the plane of the netting, and provided with sockets constituting closed box settings, and jewels mounted in the sockets and secured therein by burnishing over the edges of the sockets.

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

HENRY W. FISHEL.

Witnesses:

IDA RUTH BROZEN,
BERNARD COWEN.