

F. J. HERPERS.

Improvement in Diamond-Setting.

No. 131,058.

Patented Sep. 3, 1872.

Fig. 1.

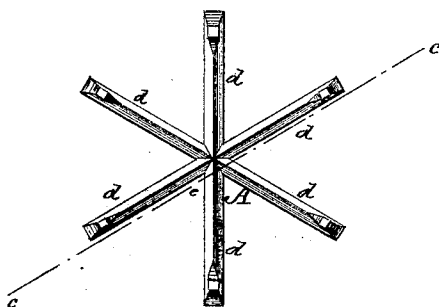


Fig. 2.

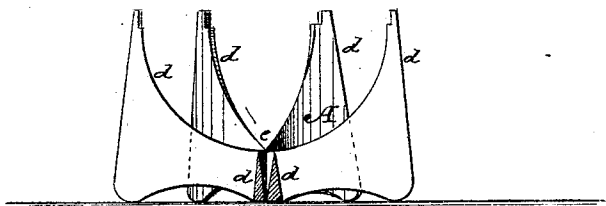
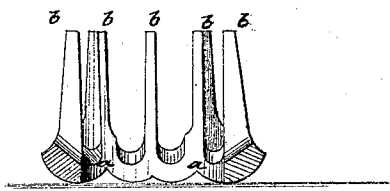


Fig. 3.



Witnesses:

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IMPROVEMENT IN DIAMOND SETTINGS.

Specification forming part of Letters Patent No. 131,058, dated September 3, 1872.

Specification describing a new and Improved Diamond Setting, invented by FERDINAND J. HERPERS, of Newark, in the county of Essex and State of New Jersey.

In the accompanying drawing, Figure 1 is a face view of my improved diamond setting; Fig. 2, a section thereof on the line *cc*, Fig. 1; and Fig. 3, a central section of the ordinary setting now in use.

Similar letters of reference indicate corresponding parts.

This invention relates to a new setting for diamonds or other precious stones or imitations thereof, though more particularly intended for pure diamonds, with the object of obtaining a better display of the beauties of the stone; also, at the same time simplifying the construction of the setting. The invention consists in constructing the setting of a series of arms or prongs that radiate from a common center.

Heretofore the settings were usually constructed in the manner indicated in Fig. 3—*i. e.*, of an annular plate, *a*, from the edge of which the holding prongs *b b* projected. The hole through the center of the plate *a* was for the purpose of admitting light through the stone, but was practically useless, because mostly closed, when worn, by the substance to which it was attached or whereon worn.

When, however, the hole through the plate *a* was closed there was no light whatever admitted to the base of the stone, and its beauty was, in consequence, greatly diminished.

My improved setting *A* consists only of radiating prongs *d d*, which project from a common center, *c*, and are, by preference, provided with inner knife-edges. There may be a suitable number of such prongs, and they may vary in shape and size, according to the kind of stone to be set and to style. The light can, between these narrow prongs, freely reach the lower part and the sides of the stone, and the brilliancy of the latter will, therefore, be displayed to advantage.

The construction of this improved setting out of one piece or in several pieces can be easier effected than that of the common setting, and its appearance will, furthermore, be more graceful and elegant.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The diamond setting composed of the prongs *d d*, which radiate from a common center, as set forth.

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Witnesses:

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