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F. KÖHLER

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STAND OR SUPPORT

Filed May 31, 1929

Fig:1

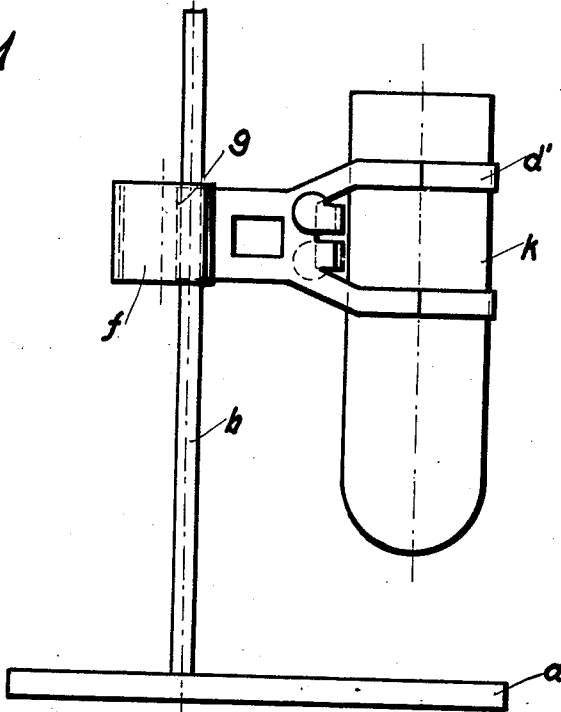
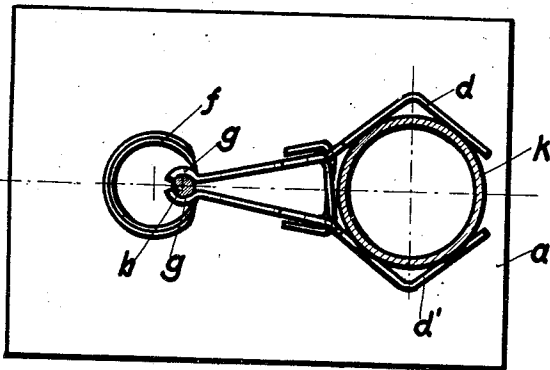


Fig:2



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UNITED STATES PATENT OFFICE

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STAND OR SUPPORT

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This invention relates to stands or supports such as are mainly used in chemical or physical laboratories to hold test glasses, tubes and other vessels or implements. The main object of the invention is the provision of an improved, simplified form of such stands or supports, which will permit of a more convenient way of handling and which will be cheap and yet very efficient in use.

Another and most important feature of the invention consists in an improved means for simultaneously holding the clamp portion of the device in its effective clamping position on the column and for securely gripping the article to be supported between the claws or prongs of the clamp. Said means also permitting to move the clamp along the supporting column without the necessity of first loosening any thumb screws or other fixing means.

My invention briefly consists in the provision upon a stand or support of the said kind of a spring clip, preferably in the shape of an open, resilient ring or collar for maintaining the clamp in position on the upright column and for simultaneously clenching the article to be carried between the prongs of the said clamp.

Other objects and improvements may be gathered from the following description of the accompanying sheet of drawings, which illustrates the invention by way of example and in which

Fig. 1 is a side elevation and

Fig. 2 a plan view of my improved stand or support.

In these figures *a* is a foot or base plate which may be of any known or convenient shape, and from which rises an upright, preferably cylindrical column *b*, embraced by the spaced partly circular resilient gripping members *g* which continue into the clamping jaws or prongs *d* and *d'* adapted to clench the article to be supported between them. A spring clip *f*, which may be composed of one or more superposed spring leaves is adapted to firmly grip the said jaws or prongs of the clamp from both sides and to thereby firmly press their circular portion *g* around the column *b* and their free ends toward each

other so as to securely grip the article *k* between them.

It is, of course, to be understood, that any desired alterations in the stand or the clamping means, or of the clip, to suit convenience or requirements may be made without departing from the invention as defined in and by the following claims.

What I claim is:—

1. A support for testing glasses comprising a standard, coacting clamping members having oppositely curved ends to embrace and grip the standard, their ends being in spaced relation to each other, the said clamping members having at their opposite ends clamping jaws for partially embracing and clamping an article to be supported between them, and a curved spring embracing the standard and having its edges bearing against the aforesaid members between those portions engaging the standard and the portions holding the article, whereby the portions holding the article may be separated without disturbing the connection with the standard or the portions engaging the standard may be separated to adjust them on the standard without disturbing the portions holding the article.

2. A support for testing glasses comprising a standard, coacting article holding members, each having a curved portion at the inner end adapted to partially embrace a standard and adapted to be adjustably supported by the standard, the ends opposite the aforesaid curved ends being shaped to partially embrace and hold an article between them, a spring exerting pressure on the two members to yieldingly force them toward each other into frictional engagement with the standard and into frictional engagement with the article, the two ends of the devices being separately and independently adjustable.

In testimony whereof I affix my signature.

FRITZ KÖHLER.