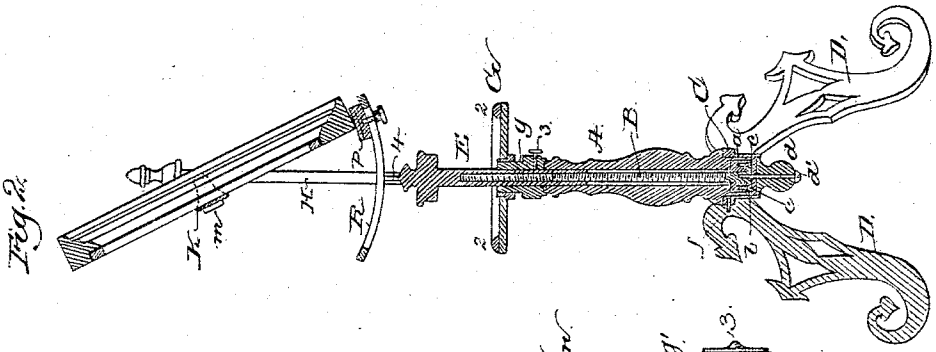
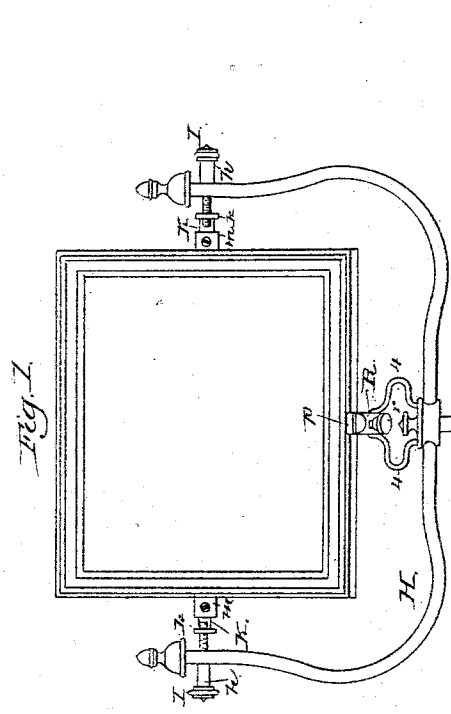
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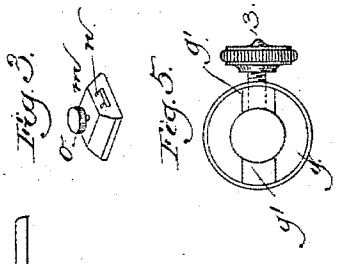
G. F. DYAR.

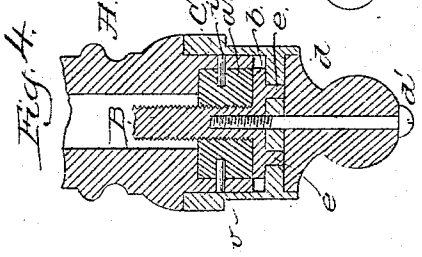
PICTURE EXHIBITOR.

No. 321,425. Patented July 7, 1885.









Witnesses.
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UNITED STATES PATENT OFFICE.

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PICTURE-EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 321,425, dated July 7, 1885.

Application filed November 17, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. DYAR, of Chelmsford, county of Middlesex, State of Massachusetts, have invented an Improvement in Picture-Exhibitors, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the construction of a picture-holding apparatus or exhibitor wherein the frame of the picture or other object to be retained or supported in desired position is engaged by a pair of pronged clamps adapted to slide laterally on a back plate, which is provided with screw-threaded orifices engaged by screws supported in the ends of a yoke. The yoke is attached to an interiorly-threaded sleeve working on a screw-rod supported in vertical position within the body of the standard, the screw-threaded sleeve being provided at its upper end with a slotted sector having a thumb-screw and a rest or cushion, whereby the picture retained in the yoke by the pronged clamps may be swung to either side or be raised or lowered by the rotation of the sleeve on the screw, and, further, be adjusted at an angle to a vertical plane by a rotatory movement on the pivotal screws in the ends of the yoke and be retained in position by the thumb-nut engaging the rest in the slotted sector, substantially as fully set forth in the following description and claims.

Figure 1 shows in front elevation a picture-exhibitor embodying my invention. Fig. 2 is a transverse vertical section thereof; Fig. 3, a perspective view of one of the toothed clamps; Fig. 4, an enlarged sectional detail of a portion of the hollow body and its supported screw, and Fig. 5 an enlarged detail, to be referred to.

The body A of the standard is turned to any suitable size and configuration, and is provided with a central bore to receive a screw-threaded rod, B, of less diameter than said bore, the said screw-rod being worked through the screw-orifice in the metal plug *a*, secured by pins *v* in a cavity in the lower end of the body, (see Fig. 4,) when the screw-rod is secured to the plug, to be firmly retained in vertical position in the bore of the body A by means of screws *c*, which pass through the disk-like head *b* of the screw-rod B and enter the plug *a*, as clearly shown in Fig. 2.

Two or more dowel-pins, *e*, project from the under side of the head *b* of the screw-rod and enter orifices in the bottom of the cap which fits the lower end of the body A, and which is provided with screws *f* entering the legs D, thus securing said legs to the body A.

An ornamental knob, *d*, is attached to the under side of the cap C by means of a screw, *d'*, which passes through said knob, cap *c*, and head *b*, and enters a screw-orifice in the rod B. By this construction the screw-rod is firmly braced and supported in the bore of the body A in such manner that the annular space between the screw-rod and the inner walls of the body A is equally maintained at all sides, to readily permit the interiorly-threaded sleeve E, which supports the picture-holding yoke and fits the screw-rod, to be moved up or down in the body A when turned on the screw-rod.

The upper end of the body A is provided with a metal collar, *g*, over which is fitted a table, G, having a raised edge or rim, 2, for the retention of articles that may be placed on the table, the said collar also being provided with a set-screw, 3, passing therethrough and through the body A at that point to engage the sleeve E, and thereby lock it in position and prevent its further rotation on the screw-rod when desired.

The yoke H is attached to a head formed on the upper part of the sleeve E, and is provided at its ends with lateral extensions or sleeve-bearings *h*, which aid in retaining and supporting the headed pivotal screws I, the latter passing laterally through the bearings and yoke-arms and entering screw-orifices in the bent ends *k* of the back plate, K. The back plate, K, extends from the screw I of one arm of the yoke to that of the other arm, as indicated in the drawings, and is provided with a pair of picture holders or clamps, *m*, adapted to slide on the plate K, one near either end thereof, and provided with teeth or prongs *n*, to enter the frame of the picture to be retained in position, and with set-screws *o*, to lock the said clamps at required points on the back plate, whereby the parts are capable of adjustment to retain pictures of various sizes in the yoke.

The back plate, K, with a secured picture may be rotated or moved on the pivotal screws I in a plane at right angles to the plane of movement of the yoke when the sleeve is rotated on its screw-rod, to enable the supported picture to be set or adjusted at any angle desired to catch the proper light to enable one to examine the picture from a given standpoint. The picture so supported in the yoke may be retained in any given position by means of the cushion-block or rest *p*, which is made to engage the bottom or lower edge of the picture, and is then secured at any point to the sector R by the set-screw *r*, which passes through the slot in the sector and enters the rest, as clearly illustrated in Fig. 2. The sector is attached to the head of the sleeve E through the medium of the bent arms 4.

If desired, the back plate, K, and clamps *m* may be dispensed with, and a slate or blackboard be held in the yoke by passing the ends of the pivotal screws I directly into suitable holes or sockets made in the sides of such slate or blackboard after the manner in which looking-glasses are supported upon pivots or trunnions in standards secured to the top of bureaus, dressing-cases, and the like. In such case the rest or cushion could also be dispensed with and the set-screw *r* be made to enter an orifice in the bottom of the frame of such slate or blackboard.

The metal collar *g* (shown enlarged in Fig. 5) has internal projections, *g'*, which enter a slot in the upper end of the body A, preventing its rotation thereon, and the clamping-screw 3 passes through one of the said projections.

The table G may have connected with it drawers or receptacles for holding pencils or chalk or other small articles which may be used in connection with the blackboard.

I claim—

1. The combination, with the body suitably supported on legs, having a central longitudinal bore, and provided with a screw-rod rigidly secured at its bottom in the bore of said body and of less diameter than the bore, of an interiorly screw-threaded sleeve fitting the screw-rod and adapted to be moved on the said rod in the bore of the body, and provided in its upper end with a yoke having suitable picture-holding devices, substantially as described.

2. The combination of the hollow body provided with a metallic plug having a screw-threaded orifice with a screw-rod passing through the plug and projecting into the bore of the body, and means for securing the head of the screw-rod to the plug, substantially as described.

3. The combination, with the hollow body provided with the metallic plug, having a screw-threaded orifice, of a screw-rod projecting through the orifice in the plug and into the hollow body and provided with a disk-like head having dowel-pins, as specified, means for securing the head of the screw to the plug, and the cap secured to the body and having sockets in its bottom to receive the dowel-pins, substantially as described.

4. The combination, with a yoke provided with lateral extensions or bearings and the headed screws fitting said bearings, of the back plate having the bent ends provided with screw-orifices, and the clamps having the set-screws and holding-prongs, substantially as and for the purpose described.

5. The combination, with a standard supported on legs and provided with a yoke having pivotal picture-holding supports, of a slotted sector provided with a thumb-screw and a rest, substantially as described.

6. The combination, with a body, A, supported on legs and having a central bore and a screw-rod of less diameter than the bore of the body, and screw-rod secured at one end to the body and projecting in the bore thereof, of an interiorly-screw-threaded sleeve engaging the screw-rod and provided with a yoke with its ends provided with pivotal picture-holding means, substantially as set forth.

7. The combination, with a body, A, supported on legs and having a central bore and a screw-rod of less diameter than the bore of the body, and screw-rod secured at one end to the body and projecting in the bore thereof, of an interiorly-screw-threaded sleeve engaging the screw-rod and provided with a yoke with its ends provided with pivotal picture-holding means, and the table having the rim 2, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE F. DYAR.

Witnesses.
JOHN DAVIS,
ALMERIA L. BOYNTON.