

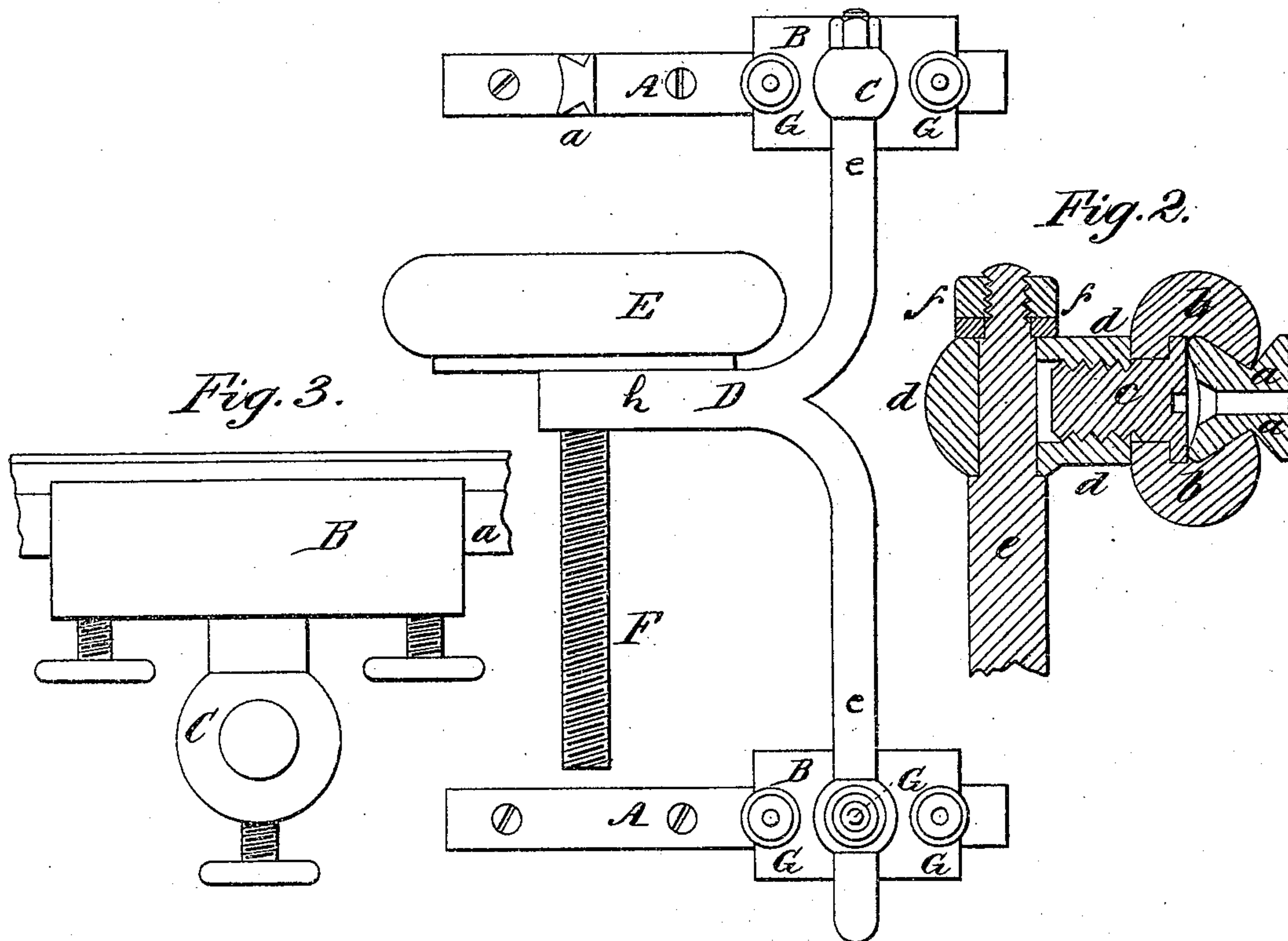
T. B. DOWNS & W. D. MORRIS.

Stools for Dental Chairs.

No. 138,796.

Patented May 13, 1873.

Fig. 1.



Witnesses.

Harry Kemp.
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UNITED STATES PATENT OFFICE.

THOMAS BENTON DOWNS AND WILLIAM DAWSON MORRIS, OF JEFFERSON CITY, MISSOURI.

IMPROVEMENT IN STOOLS FOR DENTAL CHAIRS.

Specification forming part of Letters Patent No. **138,796**, dated May 13, 1873; application filed July 22, 1872.

To all whom it may concern :

Be it known that we, THOMAS BENTON DOWNS and WILLIAM DAWSON MORRIS, of Jefferson City, county of Cole and State of Missouri, have invented certain new and useful Improvements in Stools for Dental Chairs; and it consists in the construction and arrangement of parts, as hereinafter more fully described, by which a comfortable seat is provided for the dentist at all times while operating upon a patient, whatever may be the position he assumes, said device being simple in construction and operation, and durable and efficient in use; and we do hereby declare that the following is a full, clear, and exact description of the same, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing with letters of reference marked thereon, forming a part of this specification, in which—

Figure 1 is a view of the stool when turned toward the chair. Fig. 2 is a section of the slide, upper carriage, and part of the bracket, showing the nut on the top; and Fig. 3 is a view of the lower carriage, showing the set-screws and ball through which the bracket passes.

A A represent the slides firmly secured to the chair, represented by sectional parts *a a*. B B represent the carriages, which are fitted

to the sides A A, as shown. C C represent the cylindrical balls, secured to the carriages B by the screw *c*, on which the ball turns. D represents the bracket by which the stool E is supported, and F represents a set-screw by which the stool may be adjusted high or low at the option or convenience of the operator. G G represent set-screws, by which the slides A are secured, thus adjusting the various parts of the chair. The bracket D supports the stool from the arm *h*, while the arms *e* extend upward and downward, the upper arm being secured by a nut, while the lower arm is secured on the carriage B.

By this means a simple and efficient device is furnished, which is easily operated and not liable to get out of repair.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

The seat E, bracket D with arms *e e* and *h*, in combination with the balls *c c*, slides A A, carriages B B, and set-screws G G, the several parts being constructed and arranged substantially as and for the purpose described.

THOMAS BENTON DOWNS.

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Witnesses:

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