

(Model.)

W. J. HEALY.

LOCOMOTIVE DRIVING BOX CELLAR.

No. 360,437.

Patented Apr. 5, 1887.

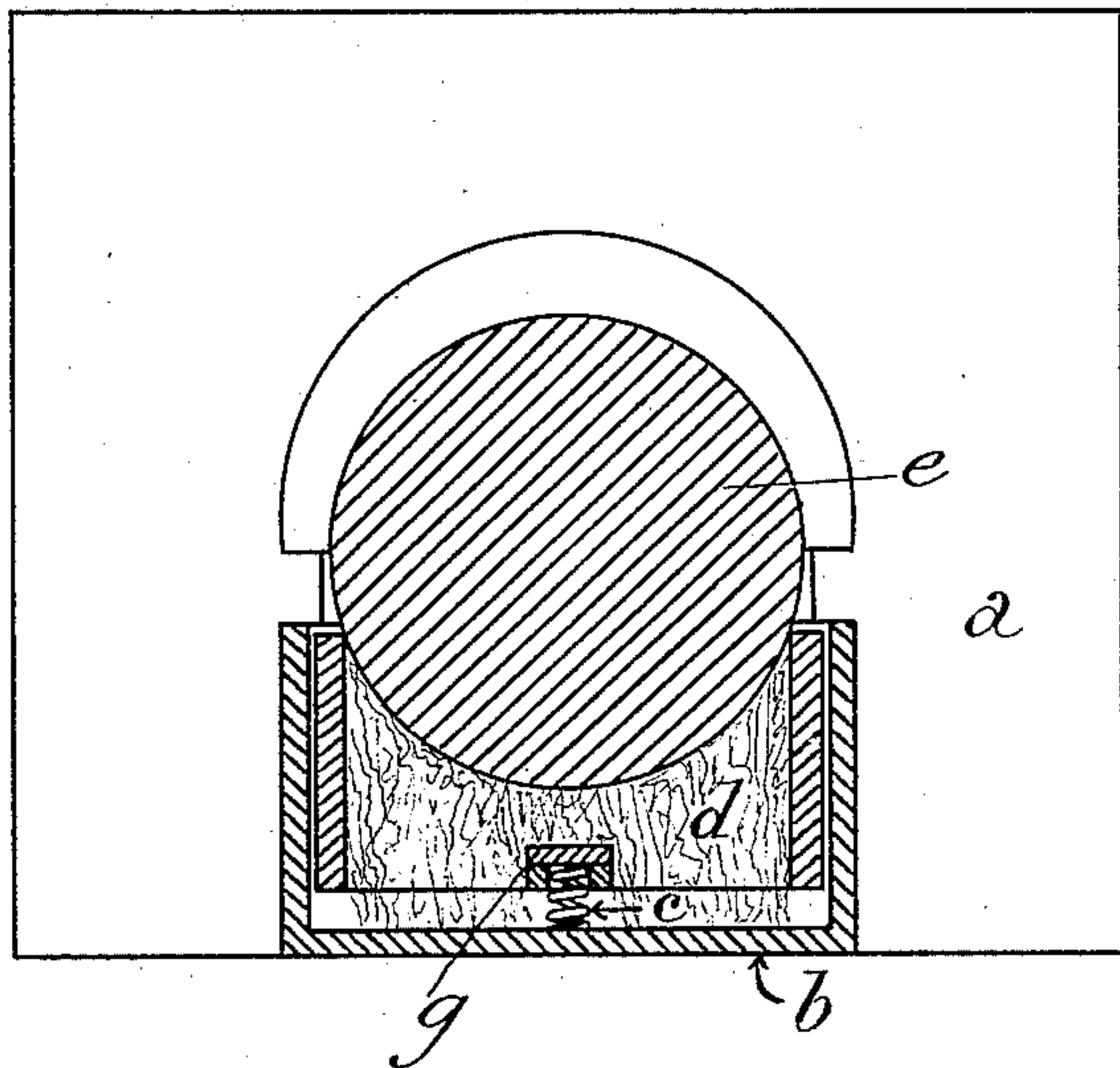


fig. 1

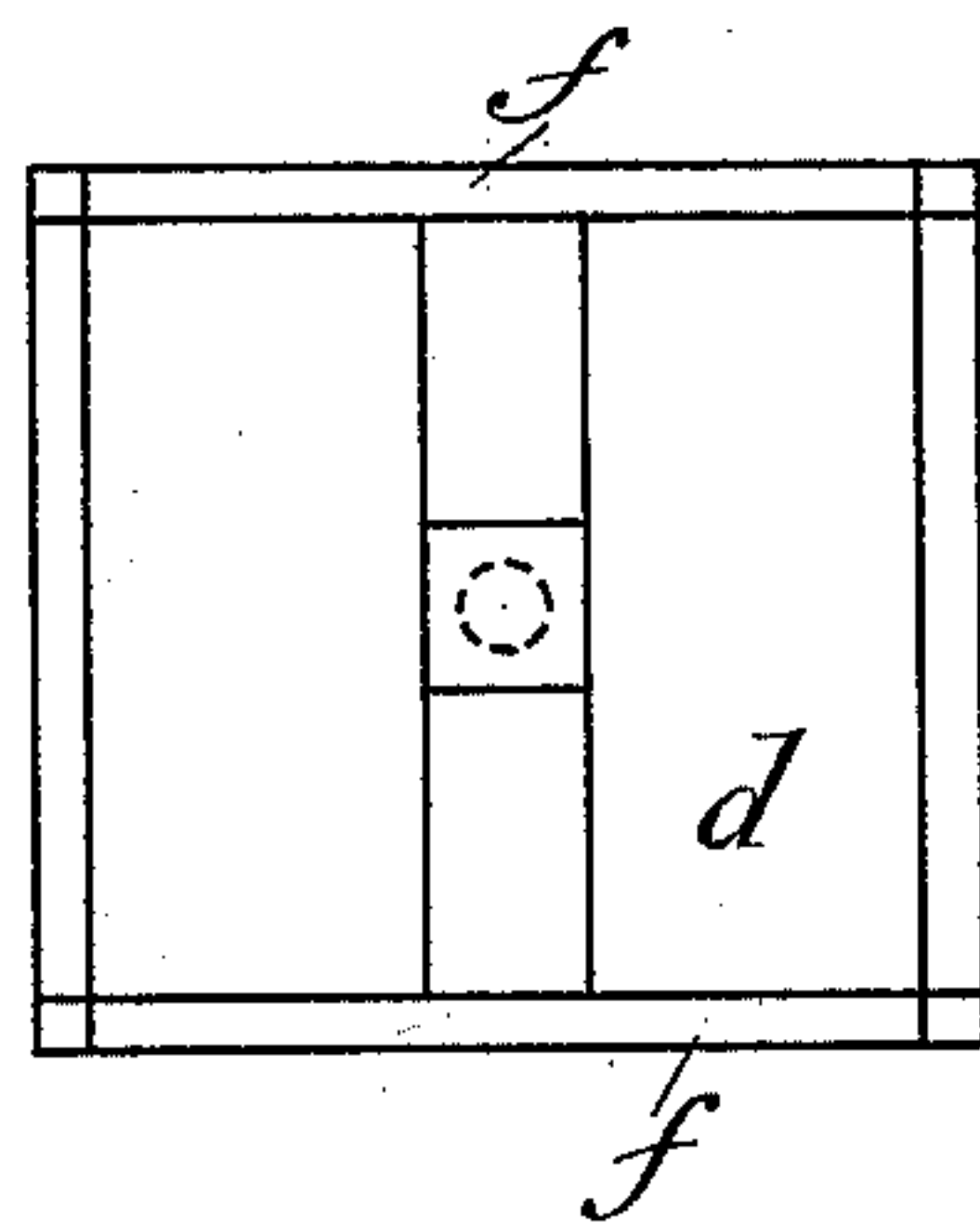
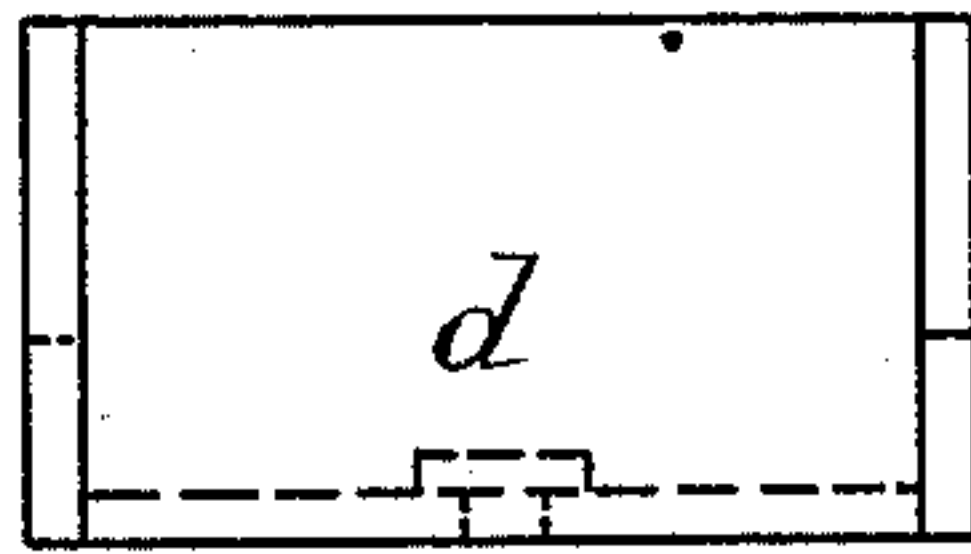
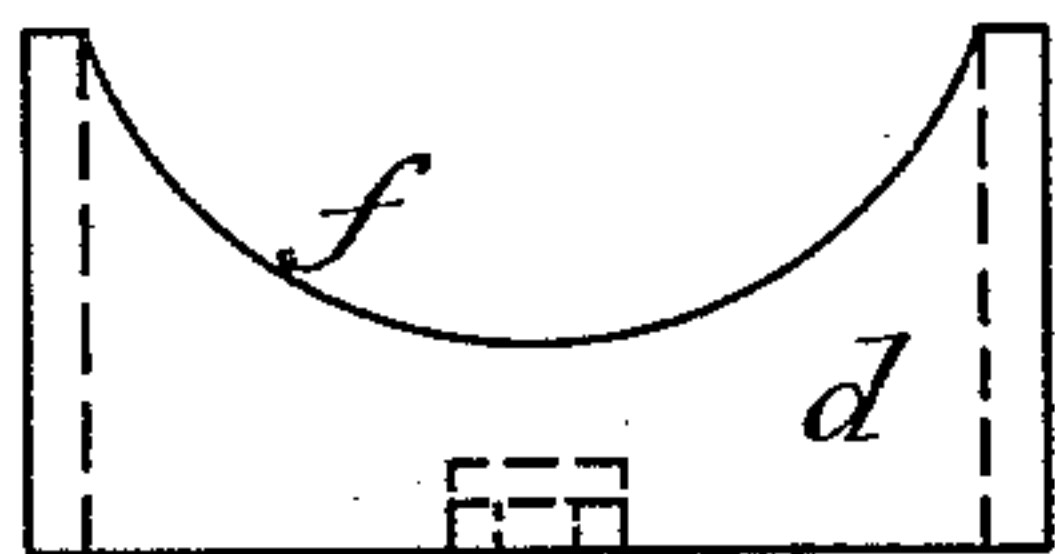


fig. 2

Witnesses:

John P. Lammion
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UNITED STATES PATENT OFFICE.

WILLIAM J. HEALY, OF SUSQUEHANNA, PENNSYLVANIA.

LOCOMOTIVE DRIVING-BOX CELLAR.

SPECIFICATION forming part of Letters Patent No. 360,437, dated April 5, 1887.

Application filed August 2, 1886. Serial No. 209,523. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM J. HEALY, of Susquehanna, in the county of Susquehanna and State of Pennsylvania, have invented a
5 new and useful Improvement in Locomotive Driving-Box Cellars, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification,
10 in which similar letters of reference indicate corresponding parts in all the views.

Figure 1 is an elevation of a driving-box, showing a section through the axle and the driving-box cellar with my improvement ap-
15 plied. Fig. 2 shows, in three views, (elevation, side view, and plan,) my improvement as disconnected from the cellar.

The object of this invention is to prevent the introduction of dust, cinders, and other
20 substances into the cellar.

In the drawings, Fig. 1, *a* represents the driving-box, *e* the axle, and *b* the box-cellar, all of which parts are of the usual construction.

d represents my crib, which is made in the
25 form of a rectangular box, without top or bottom, and fitting loosely within the box-cellar. *f* represents the concave ends of the crib, which

fit up close to the bottom of the axle, and *g* is a bar extending across the crib, and under said bar is placed a spiral or other spring, *c*,
30 which presses upon the bottom of the cellar and tends to force the crib upward against the axle. The usual packing is placed within the crib.

The crib may be made of wood or other suitable material. 35

As the driving-box brass wears out, the cellar ceases to fit the axle and leaves a passage for the admission of foreign substances into the cellar, causing the cutting of the axle and
40 hot running; but with my crib in the cellar no impurities can enter, as the spring (or springs) presses the crib close to the axle always.

Having thus described my invention, I claim as new and desire to secure by Letters Pat- 45 ent—

The combination, with a driving-box cellar, of a crib having ends adapted to fit the bottom of the axle and spring-pressed against the same, as set forth.

WILLIAM J. HEALY.

Witnesses:

JOHN P. LANNON,
EUGENE CHRISTEN.