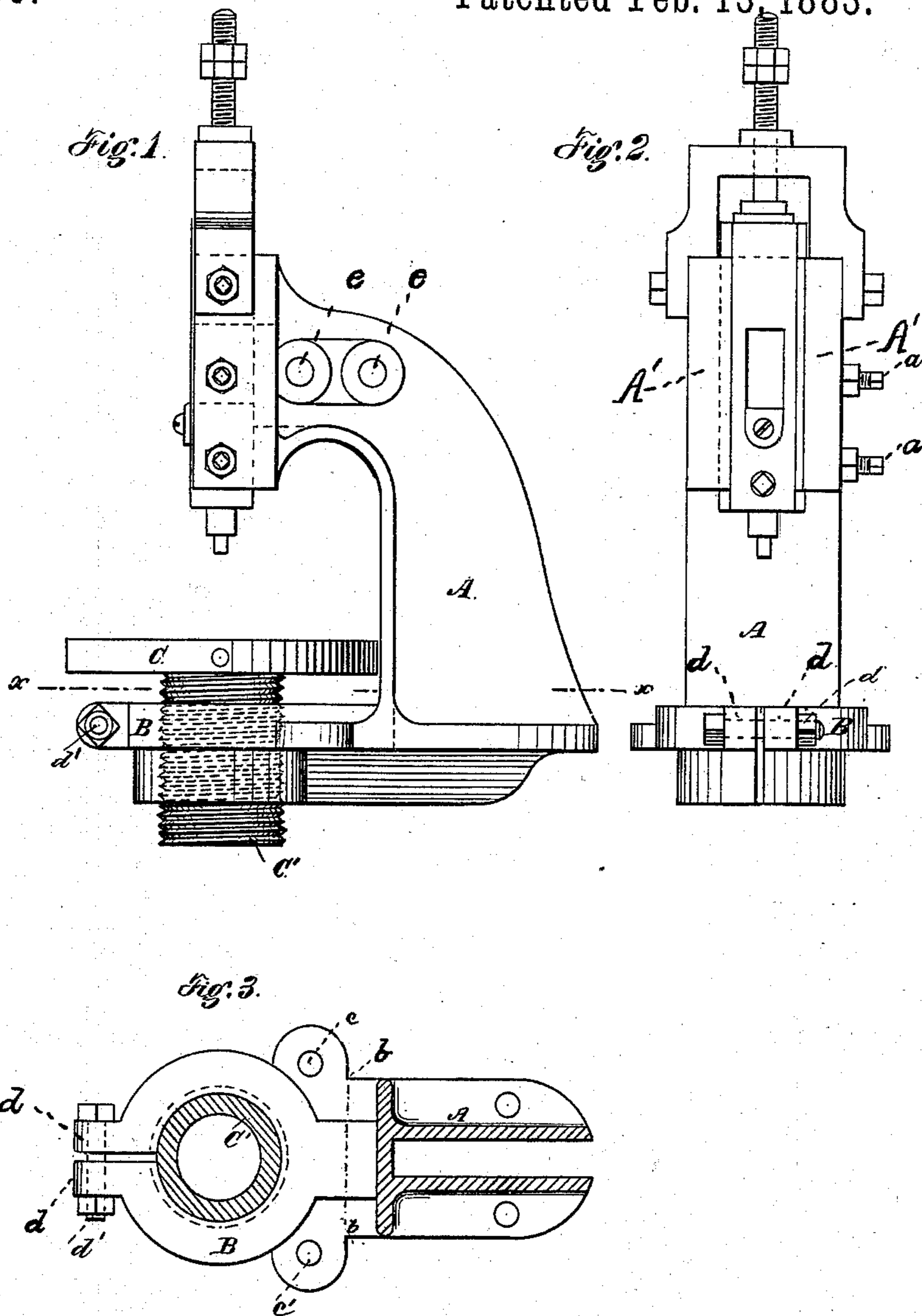


(No Model.)

F. & O. KAMPFE.
DIE AND STAMPING PRESS.

No. 272,056.

Patented Feb. 13, 1883.



Witnesses:
Henry G. Gilling
Geo. W. Beebe

Inventors:
{ *Frederick Kampfe* }
{ *Otto Kampfe* } per
John Francis Meyer
Atty.

UNITED STATES PATENT OFFICE.

FREDERICK KAMPFE AND OTTO KAMPFE, OF BROOKLYN, NEW YORK.

DIE AND STAMPING PRESS.

SPECIFICATION forming part of Letters Patent No. 272,056, dated February 13, 1883.

Application filed April 25, 1882. (No model.)

To all whom it may concern:

Be it known that we, FREDERICK KAMPFE and OTTO KAMPFE, of the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Die and Stamping Presses, of which the following is a specification.

This invention relates to presses for stamping and die-cutting, and is designed to furnish an improved die or bolster of superior strength.

Our invention is specially applicable to presses having an adjustable bolster, consisting of a plate or head and a projecting shank or body exteriorly threaded to operate in combination with a suitable nut or nuts.

Our invention is more clearly shown in the accompanying drawings, in the several figures of which like letters indicate like parts.

Figures 1 and 2 are perspective views of a press embodying our invention, and Fig. 3 is a horizontal section of the same through the points indicated by *x x* in Fig. 1.

A is a standard for carrying the ways A', between which the mandrel slides.

a a are bolts, whose office is to tighten up the mandrel when it moves too freely in the ways.

C is the adjustable bolster, consisting of the head C and the exteriorly-threaded shank C', which is designed to operate in connection with the interiorly-threaded split nut B. This split nut is secured to the table by one or more bolts through the openings *c c'*.

d d are projections carrying the bolt *d'*, by

which the split-nut is closed upon the shank C'. The die is secured to the face of the bolster in any usual way.

e e are centers for pivoting the pendulum by which the mandrel is operated. The whole of the foregoing is supported by any usual table or bench.

Our invention consists in casting the split nut B integral with the standard A.

The advantages of our invention are that the split nut may be made of greater strength, while the cost of manufacture is reduced, and the split nut not being bolted to the supporting-surface, as is necessarily the case where it is independent of the standard, the point at which the split nut is supported is removed farther from the opening, and thus the interference with the elasticity of the nut is reduced to the minimum.

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

The interiorly-threaded split nut B, having the projections *d d*, cast integral with the standard A, and designed to operate in combination with the bolster C, having the exteriorly-threaded shank C'.

FREDERICK KAMPFE.
OTTO KAMPFE.

Witnesses:

JAS. H. SMALL,
RICHARD P. KAMPFE.