

(No Model.)

E. G. GORY.

CABINET LOCK.

No. 326,972.

Patented Sept. 29, 1885.

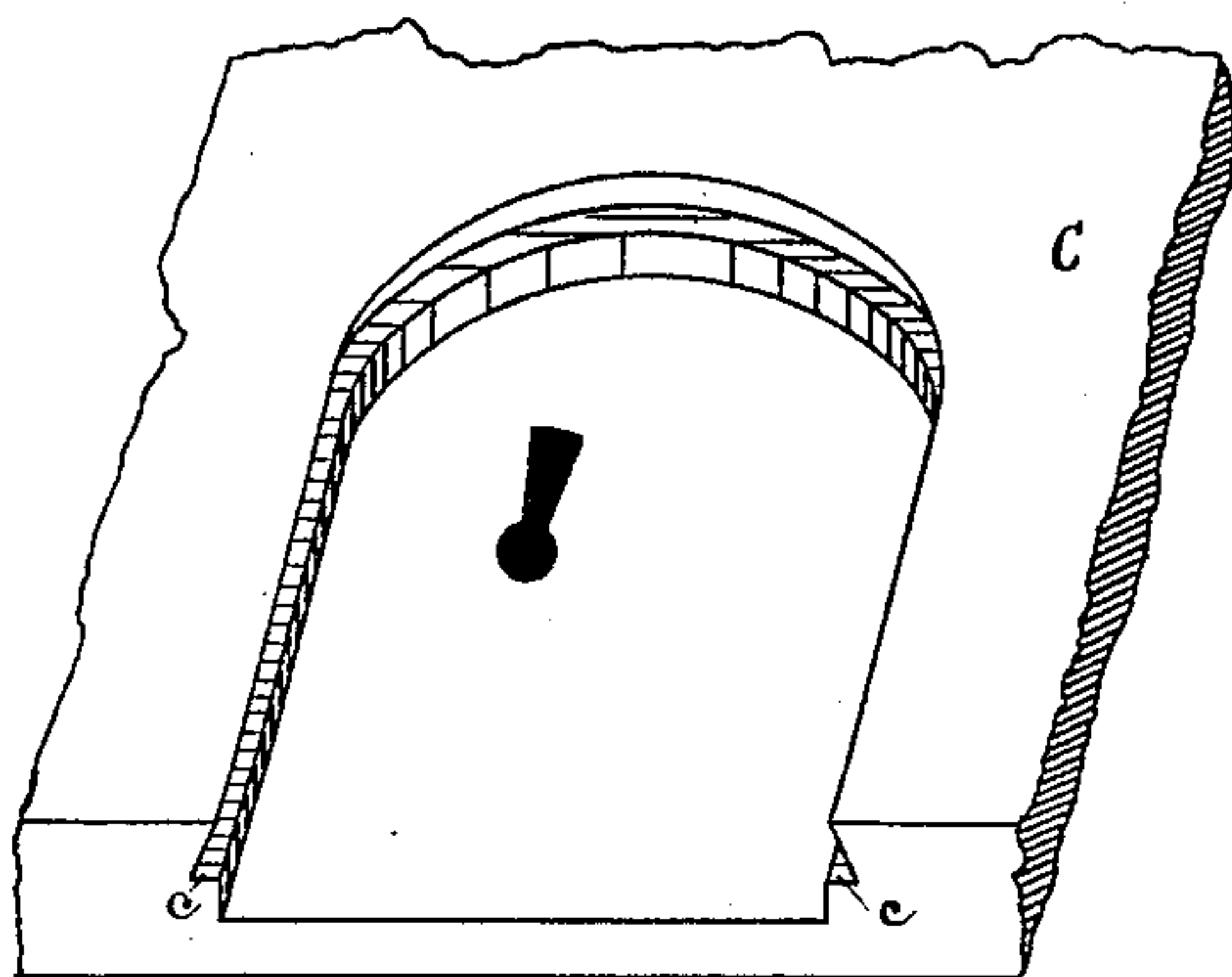


Fig 1 -

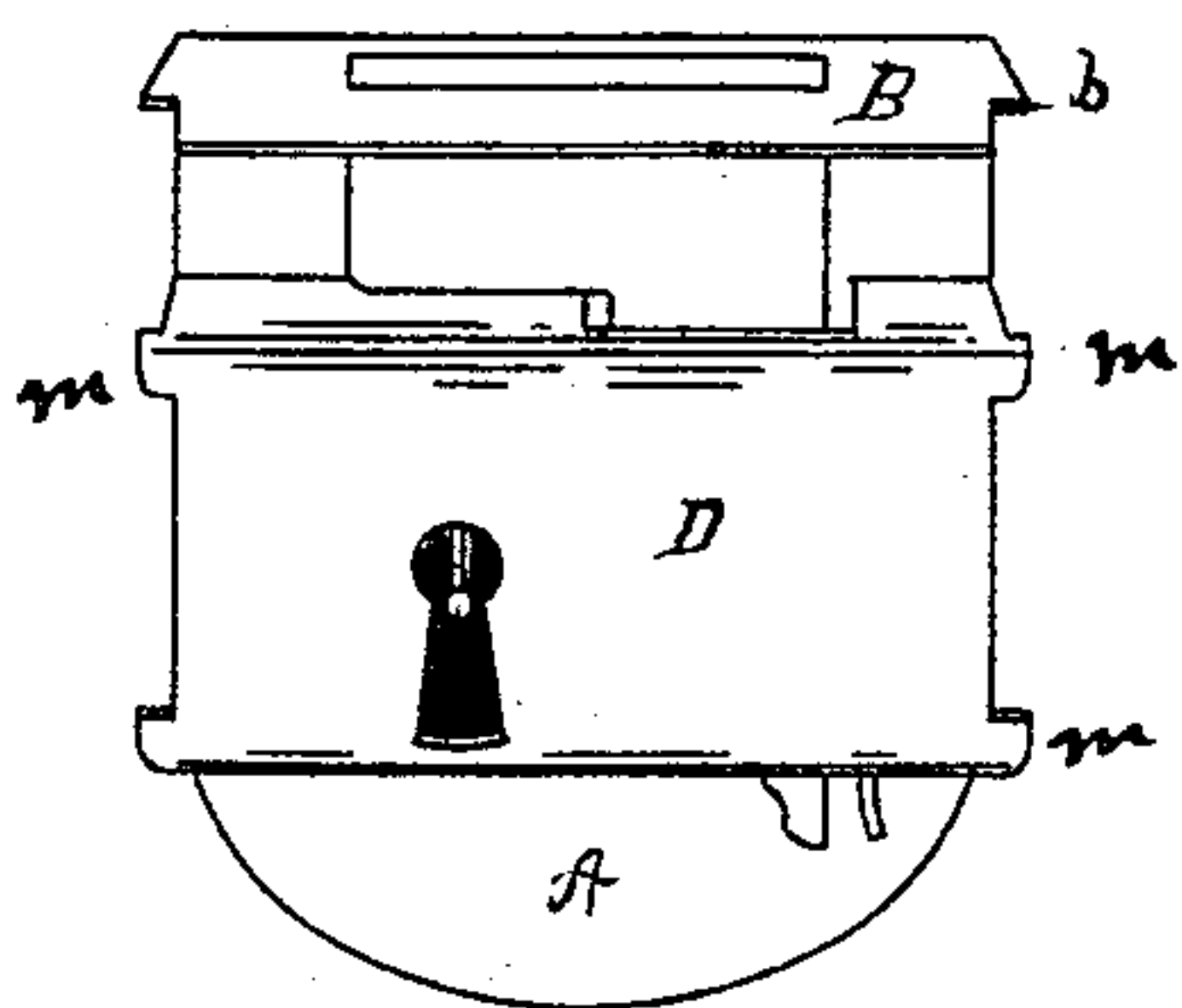


Fig 2 -

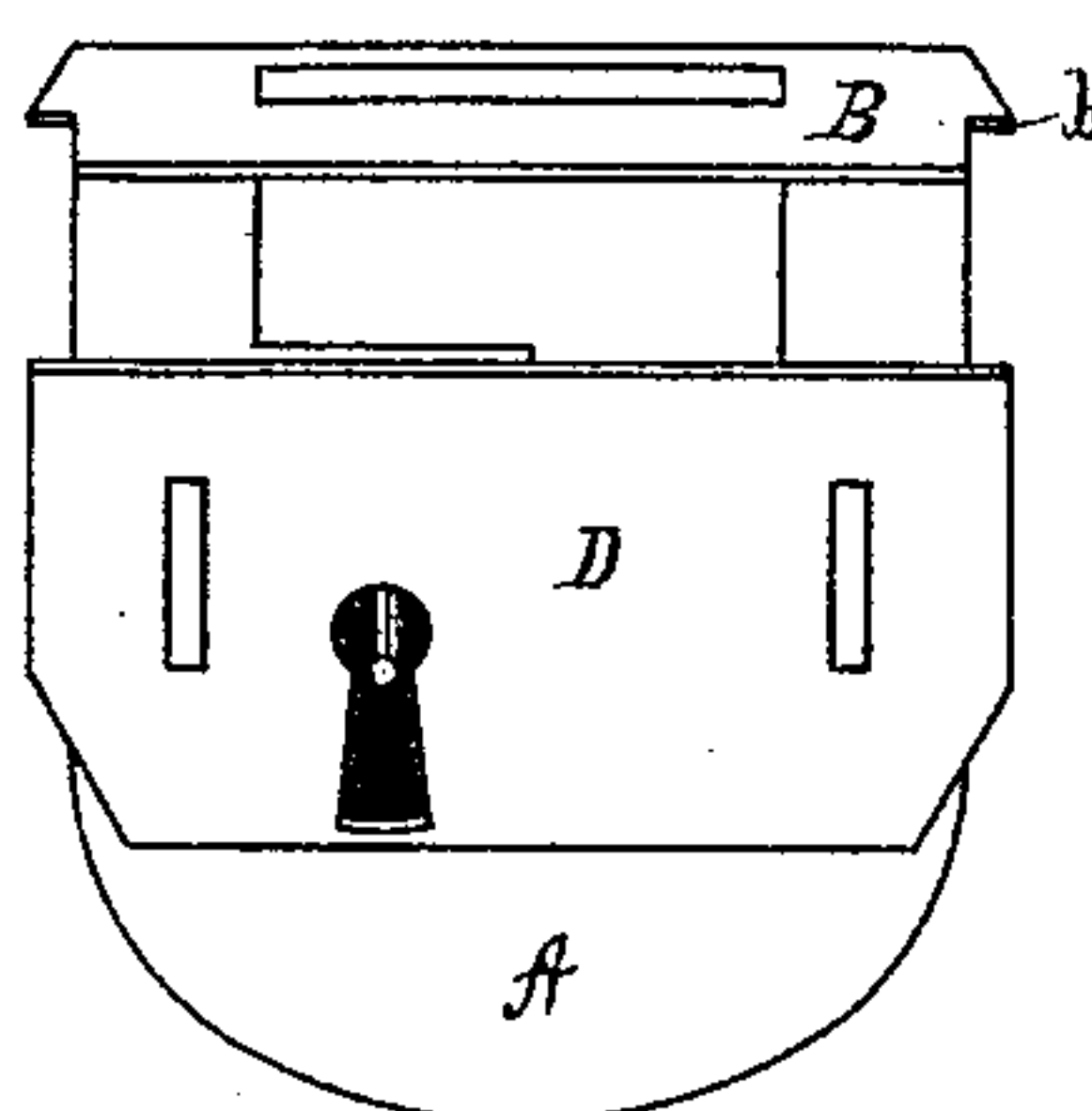


Fig 3 -

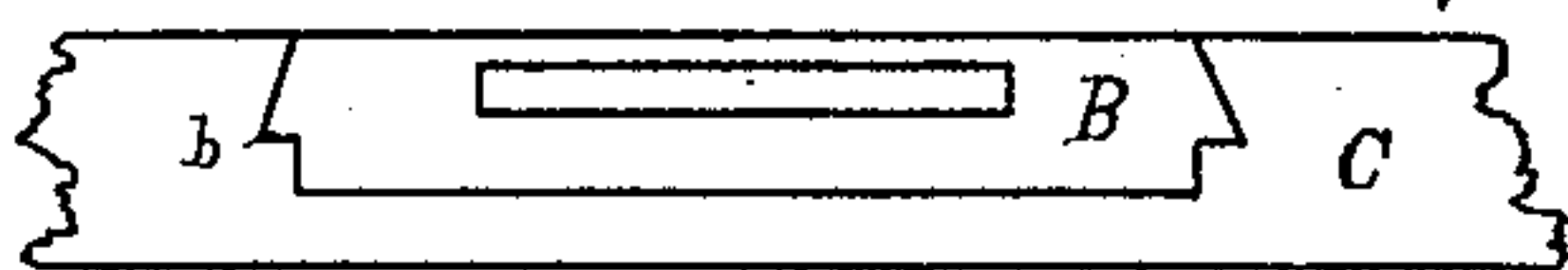


Fig 4 -

Attest -

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UNITED STATES PATENT OFFICE,

EMANUEL G. GORY, OF CINCINNATI, OHIO, ASSIGNOR TO THE CORBIN CABINET LOCK COMPANY, OF NEW BRITAIN, CONNECTICUT.

CABINET-LOCK.

SPECIFICATION forming part of Letters Patent No. 326,972, dated September 29, 1885.

Application filed July 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, EMANUEL G. GORY, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Cabinet-Locks, of which the following is a specification.

My invention relates to that class of furniture-locks which are adapted to enter a routed cavity and be retained in place by the case of the lock interlocking with the walls of the routed cavity, and thereby be retained in place without the employment of extraneous fastenings; and the invention consists in certain features of construction and combinations of parts, as will hereinafter be described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of a portion of a drawer-front having a routed cavity formed therein for the reception of one form of lock embodying my invention. Figs. 2 and 3 are views in perspective of different forms of locks, the casings of which are formed and constructed to be received and retained within the form of routed cavity illustrated in Fig. 1. Fig. 4 is a plan view of the upper edge of a drawer-front having one of my improved locks inserted therein.

A is the front plate, having the top plate or selvage, B, formed integral therewith, the latter being bent at right angles to the former. The ends of the top plate or selvage diverge from the front plate throughout a portion of the width of the top plate, while the remaining portion of the ends is reduced by a rectangular offset extending to the rear edge thereof. In short, the top plate or selvage is made to correspond in shape to a cross-section of the routed cavity in the drawer-front. The cap-plate D is secured to the front plate, a space being provided between the two plates for the lock mechanism. The cap-plate projects at its side edges laterally beyond the side edges of the front plate, A, said projecting edges serving to interlock with the side walls of the routed cavity and retain the lock-case against displacement. The front face of the cap-plate is in the same vertical plane as the rear edge, b, of the offset on the selvage or

top plate, B, so that its projecting edges will fit into the dovetail grooves in the side walls of the routed cavity and leave a space between the ledge c and the back wall of said cavity for the reception of the projecting key-post, said space being covered and concealed by the projecting portion of the top plate or selvage. The edge of the front plate, which is rounded at the bottom, is beveled to snugly fit the routed cavity and make a smooth neat finish on the inside of the drawer-front.

In Fig. 2 the outwardly-projecting sides of the cap-plate are cut to form tenons, which are bent at right angles to the cap-plate and secured to the front plate, A, while the projections m are preferably slightly rounded on the lower sides to enable the lock to be readily forced into the routed cavity and prevent its easy retraction therefrom. In Fig. 3 the lower corners of the cap-plate are beveled and its upper edge left square for the same purpose.

As it is evident that many different forms of selvage or top plate might be produced to correspond to the different forms of routed cavities in cross-section, and, further, that other changes in the form and relative arrangement of parts might be resorted to without departing from the scope of my invention, I would have it understood that I do not restrict myself to the particular form and construction of parts shown and described; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A cabinet-lock having its top plate or selvage extending beyond the cap-plate, the ends of the top plate formed to flare outwardly from the front plate to points in a vertical plane with the projecting edges of the cap-plate, and from thence reduced to the inner edge of the top plate, substantially as set forth.

2. A lock-case consisting of a front plate, top plate or selvage, and cap-plate, the front plate being rounded at its bottom, the sides of the cap-plate projecting beyond the sides of the front plate, the lower corners of the projecting sides of the cap-plate being rounded, and the top plate or selvage constructed to

extend over and beyond the cap-plate and having its ends formed to interlock with the side walls of the routed cavity, substantially as set forth.

- 5 3. A lock-case consisting of a front plate, a cap-plate projecting laterally beyond the side edges of the front plate, and the top plate or selvaqe projecting laterally beyond the

side edges of the front plate and rearwardly over and beyond the cap-plate, substantially as set forth.

EMANUEL G. GORY.

Witnesses:

CHARLES GORY,
GEO. J. MURRAY.