

(No Model.)

J. R. DONNELLY.
MATCH IGNITER.

No. 255,605

Patented Mar. 28, 1882.

Fig. 1

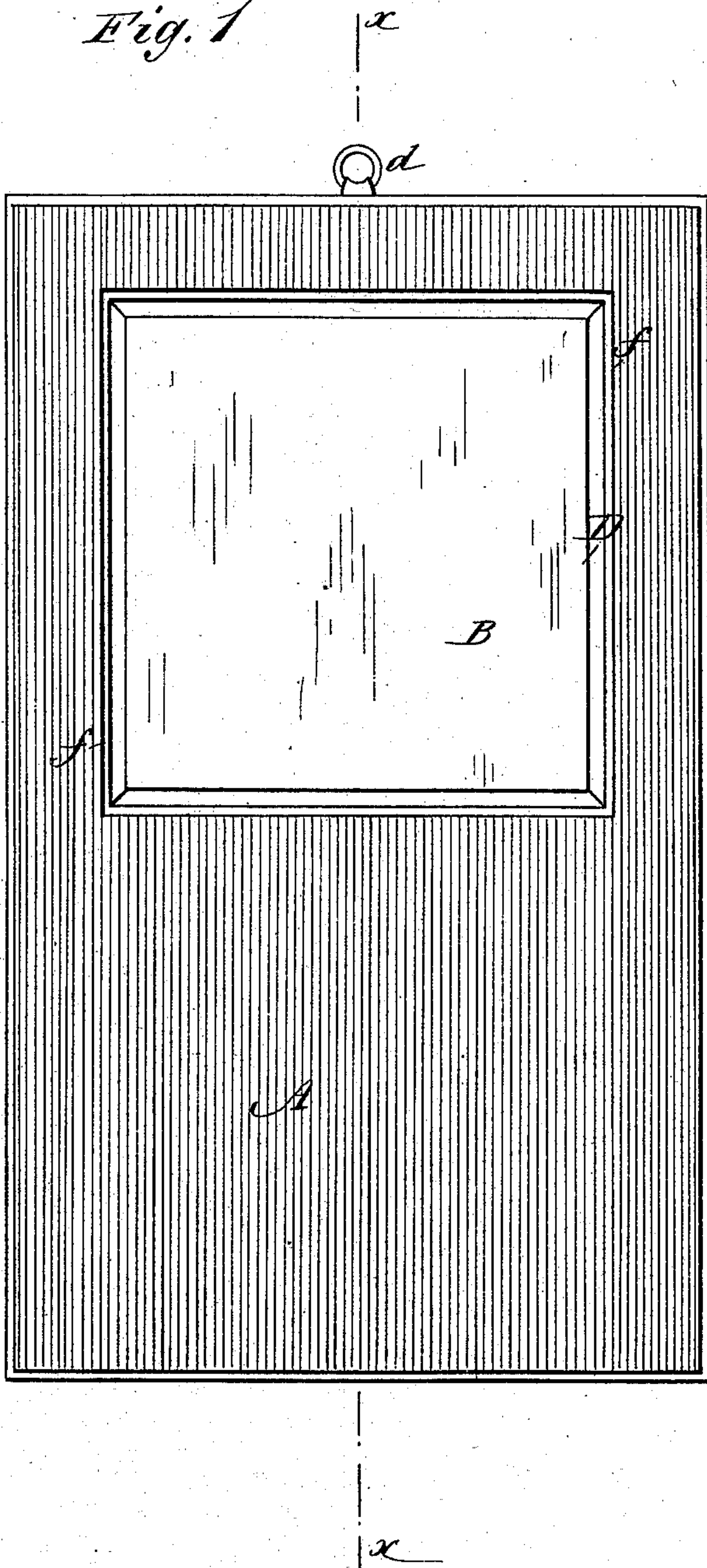
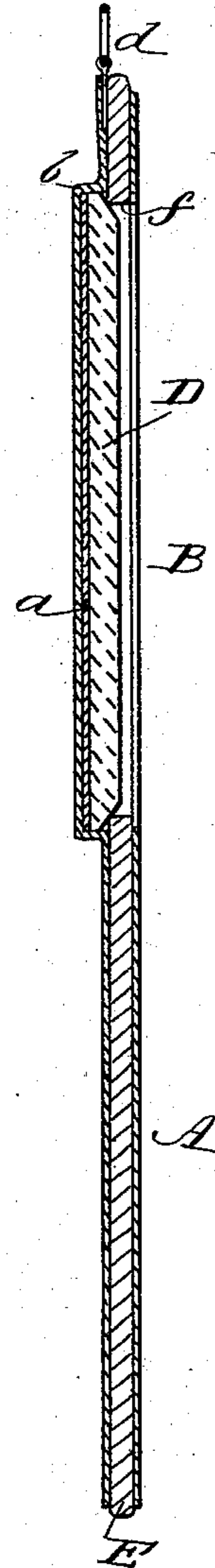


Fig. 2



WITNESSES:

C. Sevens
C. Sevens

INVENTOR:

J. R. Donnelly
BY *Wm. H. Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES R. DONNELLY, OF NEW YORK, N. Y.

MATCH-IGNITER.

SPECIFICATION forming part of Letters Patent No. 255,605, dated March 28, 1882.

Application filed December 31, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. DONNELLY, of the city, county, and State of New York, have invented a new and useful Improvement in Match-Igniters, of which the following is a full, clear, and exact description.

The object of this invention is to provide a match igniter or scratcher which can be seen and easily found in the dark; and the invention consists of a frictional or match-igniting surface, in combination with an exposed luminous spot, attachment, surface, or plate.

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

Figure 1 is a front elevation of my new match-igniter; and Fig. 2 is a longitudinal sectional view of the same, taken on the line *xx* of Fig 1.

A represents the match-igniting surface, which in the construction shown in the drawings is a sanded surface; and B represents the plate, spot, or surface which is made luminous by a coating, *a*, of some luminiferous substance, compound, or mixture—such as sulphide of calcium and linseed or other oil; or a coating of any other phosphorescent substance may be used.

In the form of igniter shown in the drawings, the luminiferous substance is placed upon the back of the plate D, of glass, which is set in the opening *f* in the main base or body E of the igniter, which base is of straw-board or other similar material, and upon which the sanded surface is formed or placed, and the back of the coating *a* and the plate of glass are protected and held in place in the opening *f* by the backing of cloth, strong paper, or other suitable material, *b*, pasted or otherwise secured upon the back of the base, as shown clearly in Fig. 2.

I prefer to make the igniter with the glass plate in the form and manner shown in the drawings, and to provide the igniter with the

ring *d*, adapting the igniter to be hung upon the wall or upon some article of furniture adjacent to the match-safe and convenient to the gas-fixture or lamp; but I do not confine myself to this or any other form of igniter, as it may have any form adapted to be hung up, or provided with any suitable base or support, and adapted to be set upon a table, stand, or dressing-case, and instead of putting the luminiferous substance upon the back of the glass plate, it may be coated upon the backing *b* or upon an exposed surface of the base E and covered with the glass.

By this construction of the igniter, the same being luminous or formed with a luminous spot, surface, or attachment, it is ornamental, and can be hung upon the wall or placed upon any article of furniture in any convenient place, and can always be easily found in the dark for igniting matches, thus making the destructive practice of scratching matches upon the wall or furniture entirely inexcusable and wanton.

I am aware that it is not broadly new to make a match-igniter with a luminous spot, as match-boxes have been before illuminated in the same way.

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

1. In a match-igniter, the combination of the igniting-surface A and the spot or surface B, having luminiferous coating *a* arranged upon the back of a glass plate, D, in the opening *f* of the igniter-body E, as shown and described.

2. As an article of manufacture, the match-igniter made substantially as herein shown and described, consisting of the base E, igniting-surface A, glass D, a coating of some luminous substance, *a*, and the backing *b*, as set forth.

JAMES R. DONNELLY.

Witnesses:

H. A. WEST,
C. SEDGWICK.