

H. V. Edmond.
Advertising,
N^o 67,177. Patented Jul. 30, 1867.

Fig. 2.

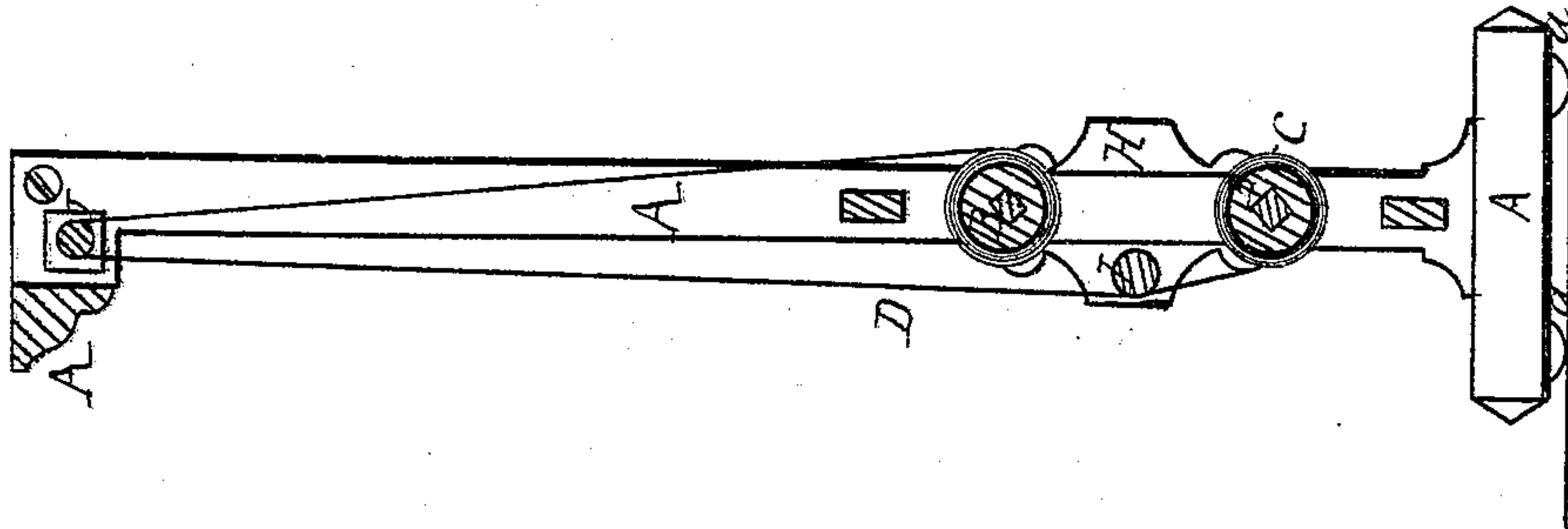
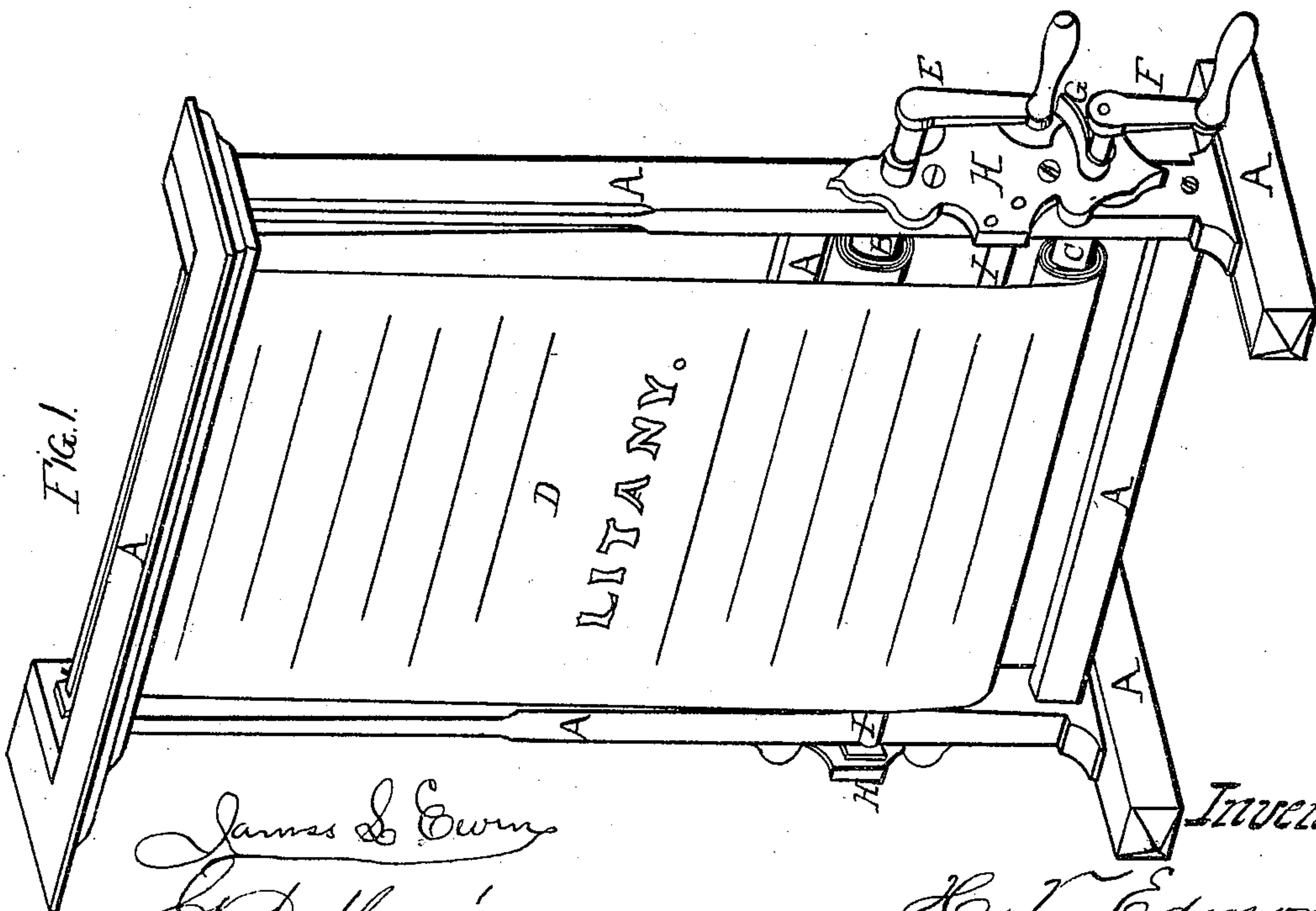


Fig. 1.



James S. Ewing
Witnesses: G. A. Morrison
H. V. Edmond.
By Knight Brod & Momey

United States Patent Office.

HENRY V. EDMOND, OF NORWICH, CONNECTICUT.

Letters Patent No. 67,177, dated July 30, 1867.

APPARATUS FOR EXHIBITING HYMNS, &c.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY V. EDMOND, of Norwich, in the county of New London, and State of Connecticut, have invented a new and useful Device for Exhibiting Hymns, &c., to schools; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, which are made a part of this specification.

The object of this invention is to so arrange a belt or apron of indefinite length on rollers, that by a simple manipulation the verses or illustrations upon it may be successively displayed to the audience by the lecturer or teacher, or by an attendant, almost the entire front being presented nearly parallel to the audience. In the drawings—

Figure 1 is a perspective view of my invention.

Figure 2 is a vertical section of the same.

A represents the frame, which may be constructed of any suitable material and form, and whose feet may be provided with knobs *a*, or suitable casters, to facilitate its movement. B C are the rollers, to which the respective ends of the apron D are attached. These rollers are journalled at *d* in the sides of the frame A, and are manipulated respectively by the cranks E F, the spring G bearing on their shafts, serving to hold the apron taut and prevent their turning too easily. H H are journal-pieces, attached by screws or otherwise to the sides of the frame A, to form bearings for the roller I, which is placed between the rollers B and C at such a distance in front as to hold the apron D away from the roller C, to prevent any friction on its surface. The apron is supported at the top of the frame by the roller J, which is journalled in the sides of the frame A. The apron D may be made of any suitable material, and the hymns or illustrations may be printed or painted on it, or on separate sheets, and pasted or otherwise secured to it, and the spring G may be supplacced by a pawl and ratchet or other suitable device to answer the same purpose. Although my invention is intended for exhibiting hymns, &c., to schools, it is evident that it may be used for other useful purposes, such as exhibiting maps, &c., in connection with lectures. When in use as a hymn-exhibitor, it should be made of sufficient size to admit the hymns being placed on it in letters large enough to be read by the whole school, so as to take the place of hymn-books. The frame, when made a permanent fixture, may be made to extend from floor to ceiling, so as to afford no space for the accumulation of dust; or, as an article of furniture, may be made of any suitable form and size, and provided with casters, so as to allow its easy removal from place to place; or when in use by lecturers, may be made folding, so as to facilitate transportation.

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

The arrangement of the winding-rollers B C, apron D, and friction-rollers I J, substantially as shown and described, for the purpose specified.

HENRY V. EDMOND.

Witnesses:

GEO. FRED. LATHROP,

T. C. KINNE.