

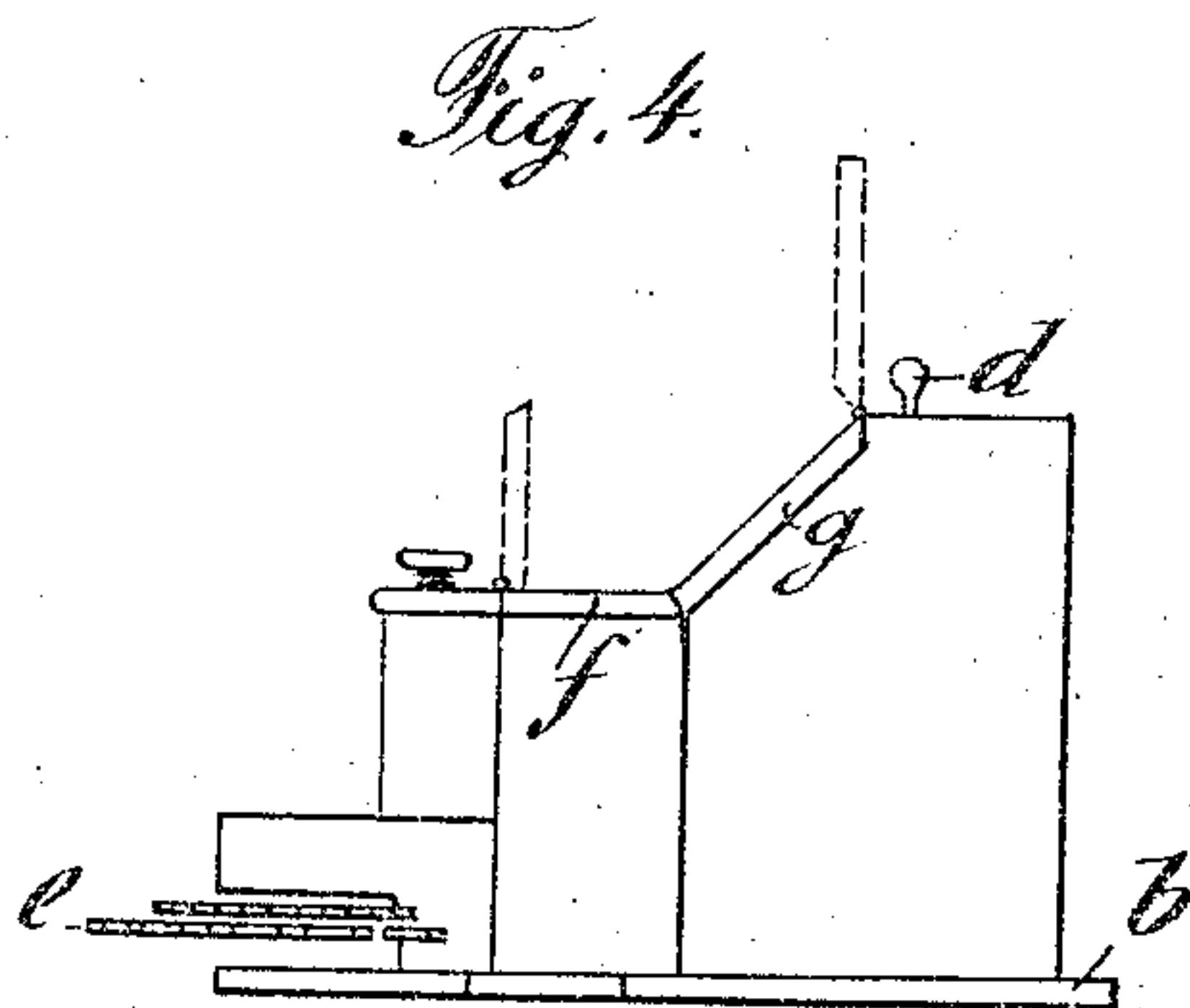
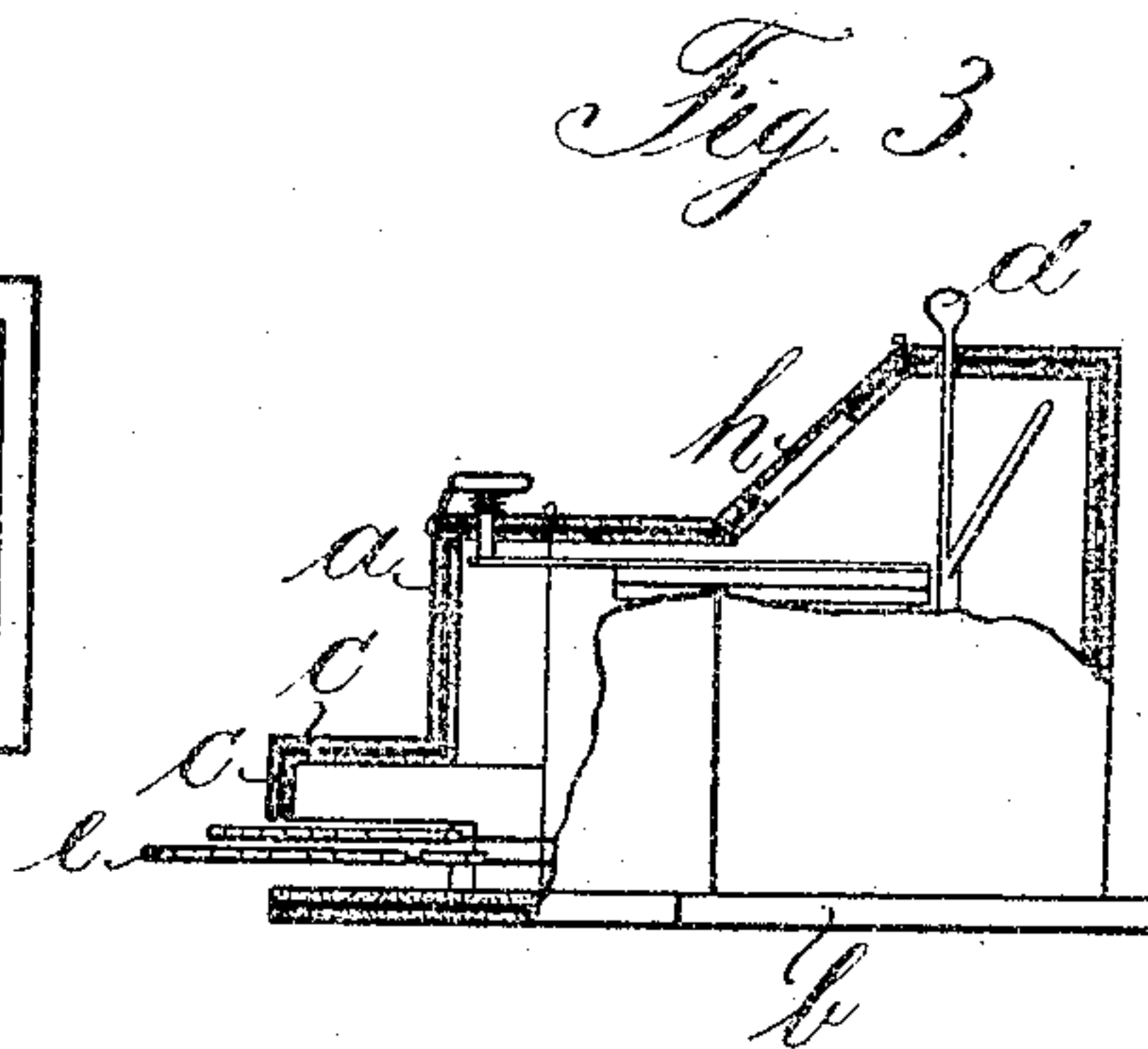
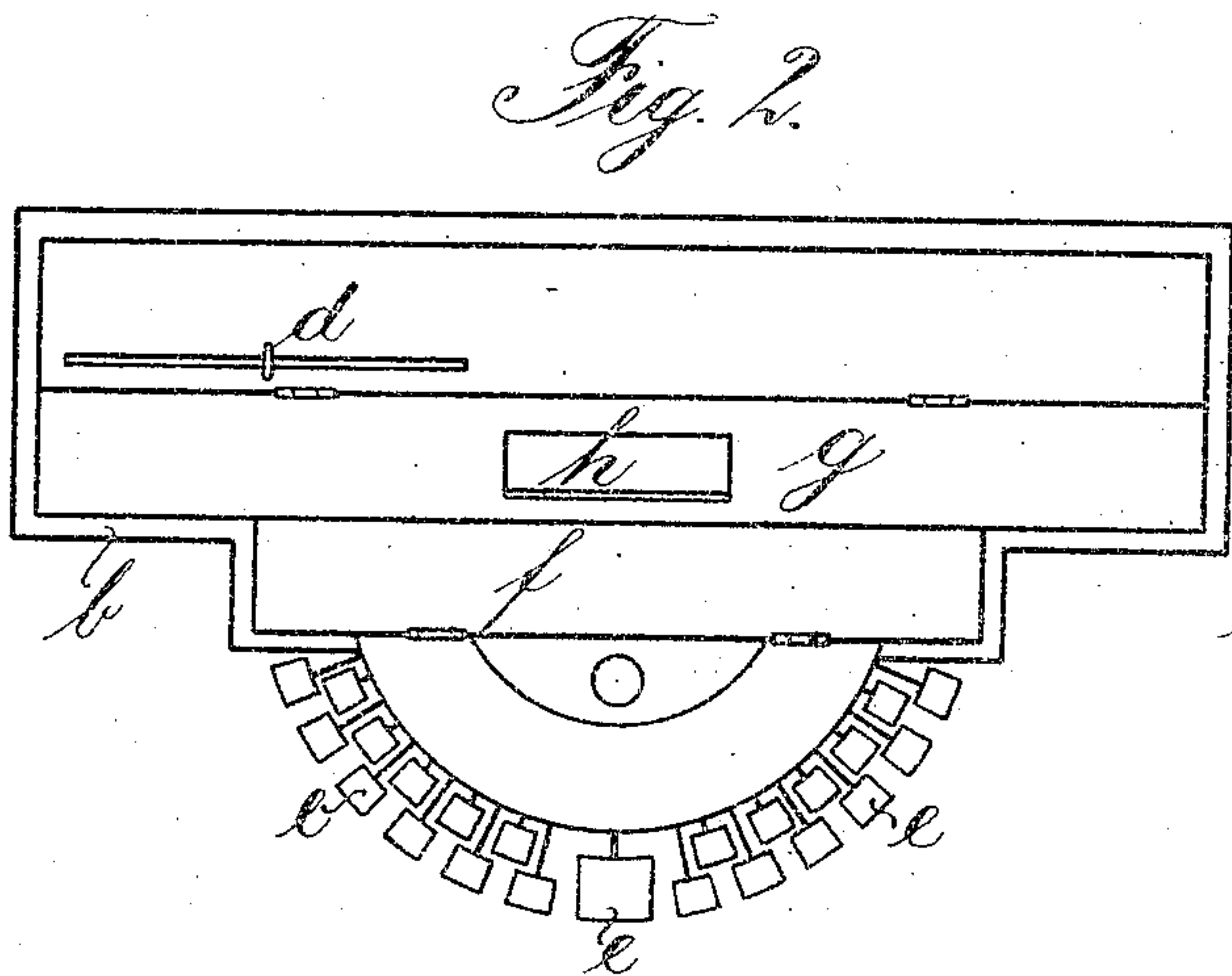
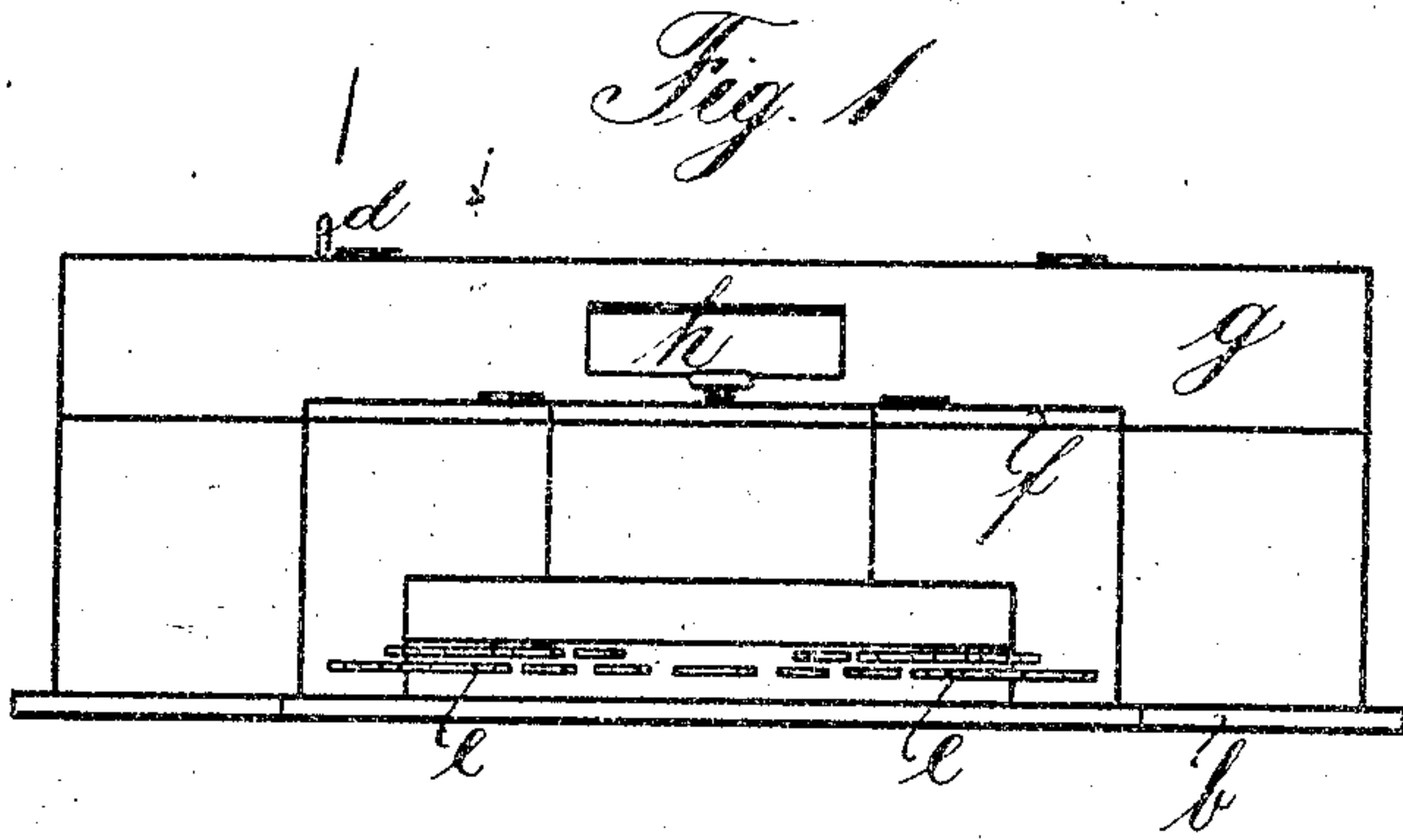
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PATENTED OCT. 2, 1906.

M. F. J. A. KNIE & A. J. LINNARTZ.

TYPE WRITER.

APPLICATION FILED FEB. 4, 1906.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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TYPE-WRITER.

No. 832,389.

Specification of Letters Patent

Patented Oct. 2, 1906.

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To all whom it may concern:

Be it known that we, MAX FRANZ JOSEF AUGUST KNIE and ANSELM JOSEF LINNARTZ, subjects of the German Emperor, residing in Lübeck, in the German Empire, have invented certain new and useful Improvements in Sound-Deadening Cases for Type-Writers, of which the following is a specification.

Our invention relates to improvements in sound-deadening cases for type-writers; and the object of the invention is to prevent the clicking noise caused by the actuation of the type-levers.

With this end in view the invention consists in the novel features of construction and arrangements of parts to be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a front elevation of a type-writing machine provided with our improved sound-deadening case. Fig. 2 is a top view of the same; and Figs. 3 and 4 are side elevations, the former partly in vertical transverse section.

Similar letters of reference indicate similar parts throughout the several views.

According to our invention the whole writing mechanism is inclosed in a box or case in such a manner that only the key-levers and keys are exposed. The box or shell *a* may be made of wood or sheet metal or of any other material which is sufficiently rigid to keep the necessary form or shape. In the lower front wall of the box *a* is arranged an opening through which the key-levers *e* project, as shown. On the inner or outer side of the box or case *a*, or on both sides of the same, is arranged a layer *c*, of felt, cloth, rubber, or other sound-deadening material.

The bottom plate *b* of the box is also covered in the same manner. Where openings are required—as, for instance, for the key-levers *e*, the handle *d* for moving the paper to be written on, &c.—the edges of such opening are also cushioned with elastic sound-deadening material. Suitable hinged doors *f g*, also cushioned, are provided for permitting the paper to be inserted in the machine or otherwise giving access to the latter. The door or lids *f g* are arranged in the top of the casing and swing upwardly in opposite directions, as indicated by dotted lines in Fig. 4, the free edges of said lids meeting when the latter are closed. By this arrangement the casing may be opened only to the necessary extent by raising either or both of said lids. A sight-opening *h*, covered with glass, mica, or other transparent material, is arranged in the rear lid *g*, as shown.

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

A sound-deadening case for type-writers, having in the top thereof upwardly and oppositely swinging hinged lids the free edges of which meet when the same are closed, one of said lids being provided with a covered sight-opening.

In testimony that we claim the foregoing as our invention we have signed our names in presence of two subscribing witnesses.

MAX FRANZ JOSEF AUGUST KNIE.
ANSELM JOSEF LINNARTZ.

Witnesses:

EMIL HAASE,
WILHELM GRAEFE.