

No. 732,957.

PATENTED JULY 7, 1903.

L. O. PETERMAN.
PEDAL ATTACHMENT.
APPLICATION FILED OCT. 23, 1901.

NO MODEL.

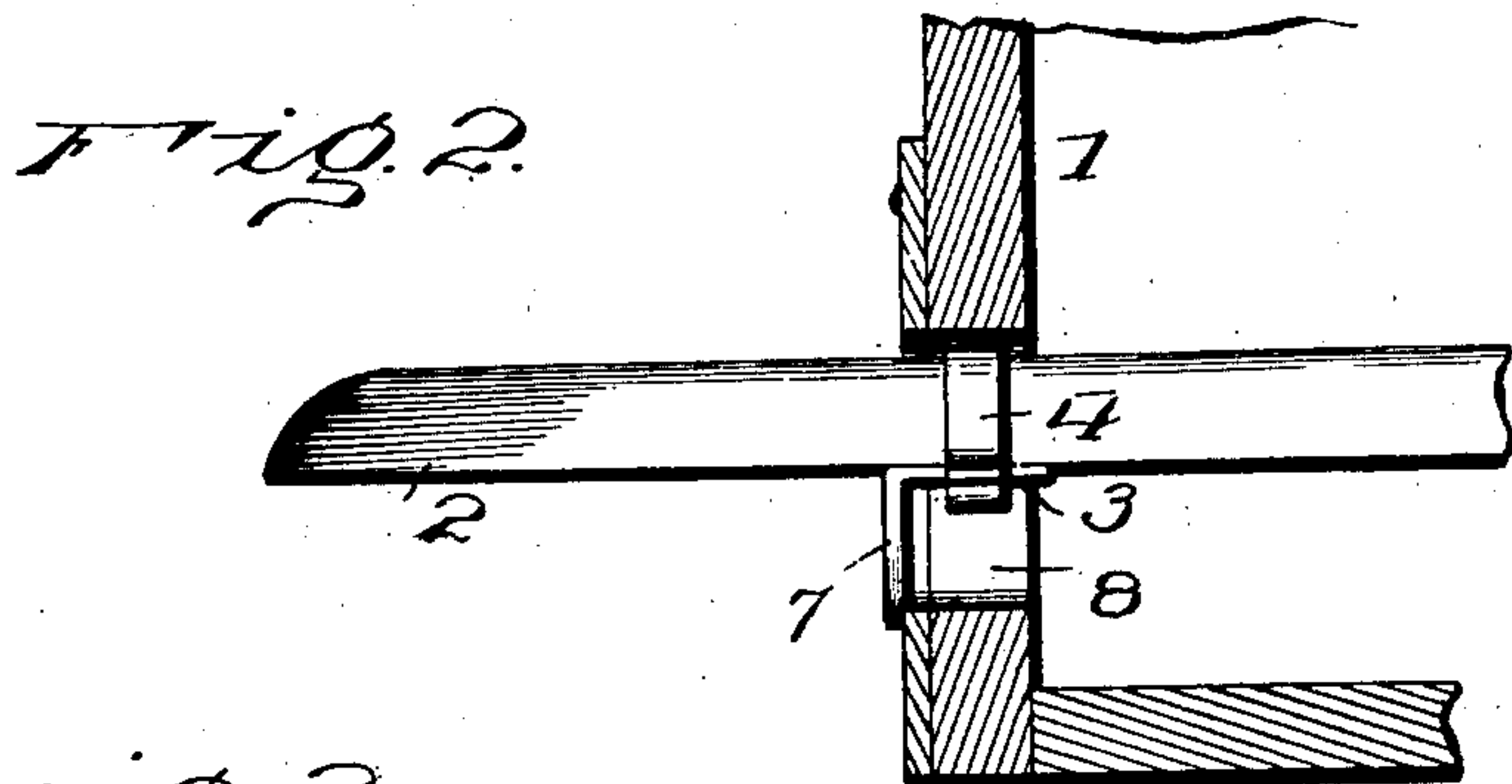
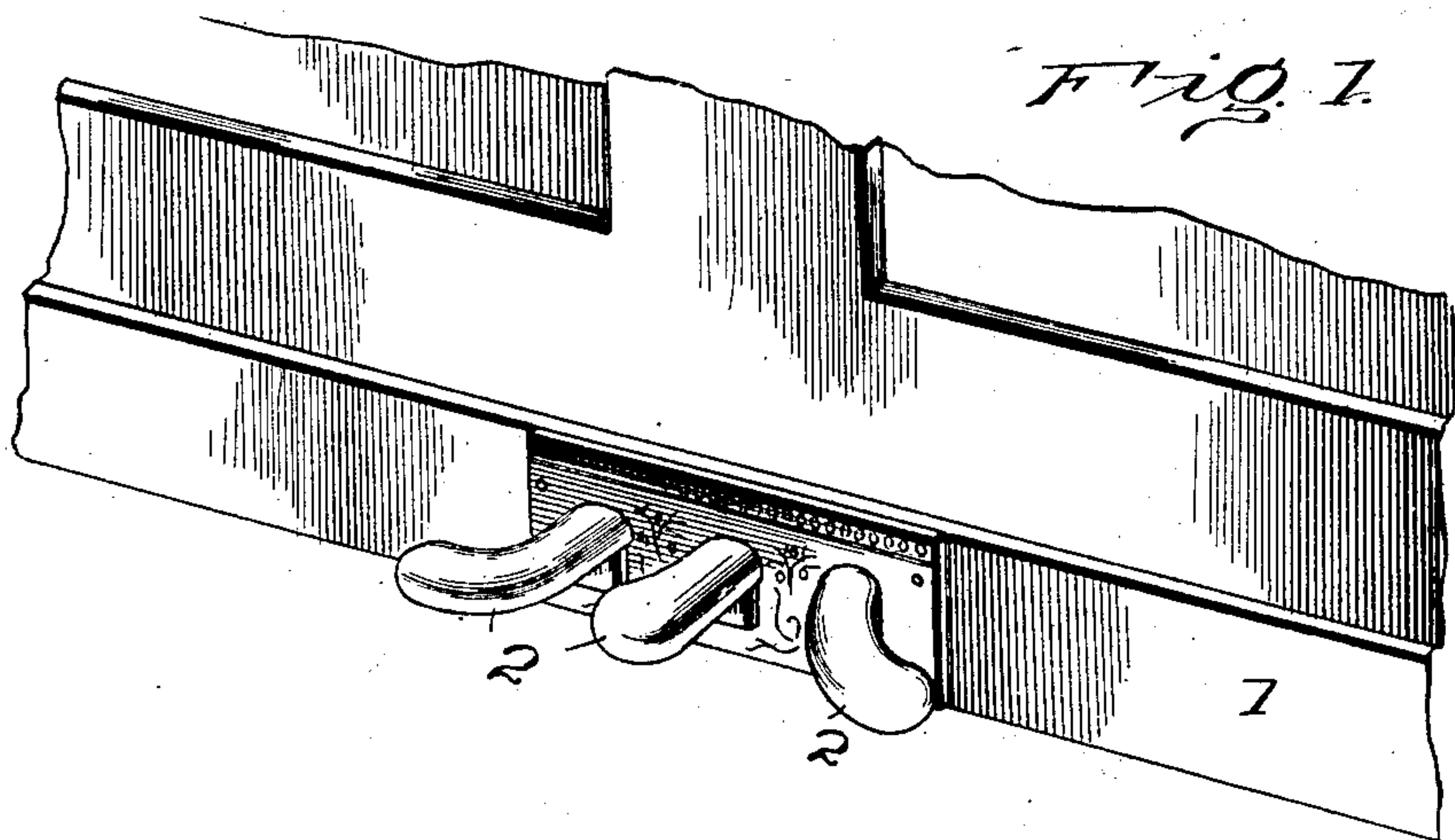


Fig. 3

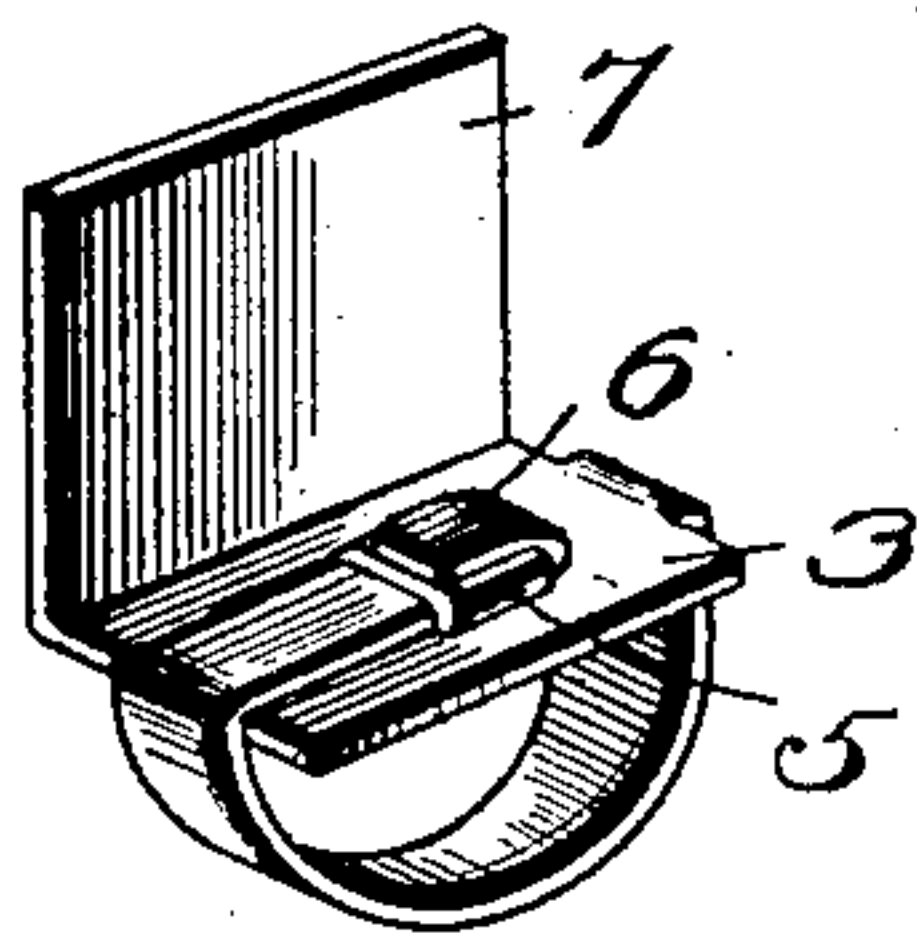
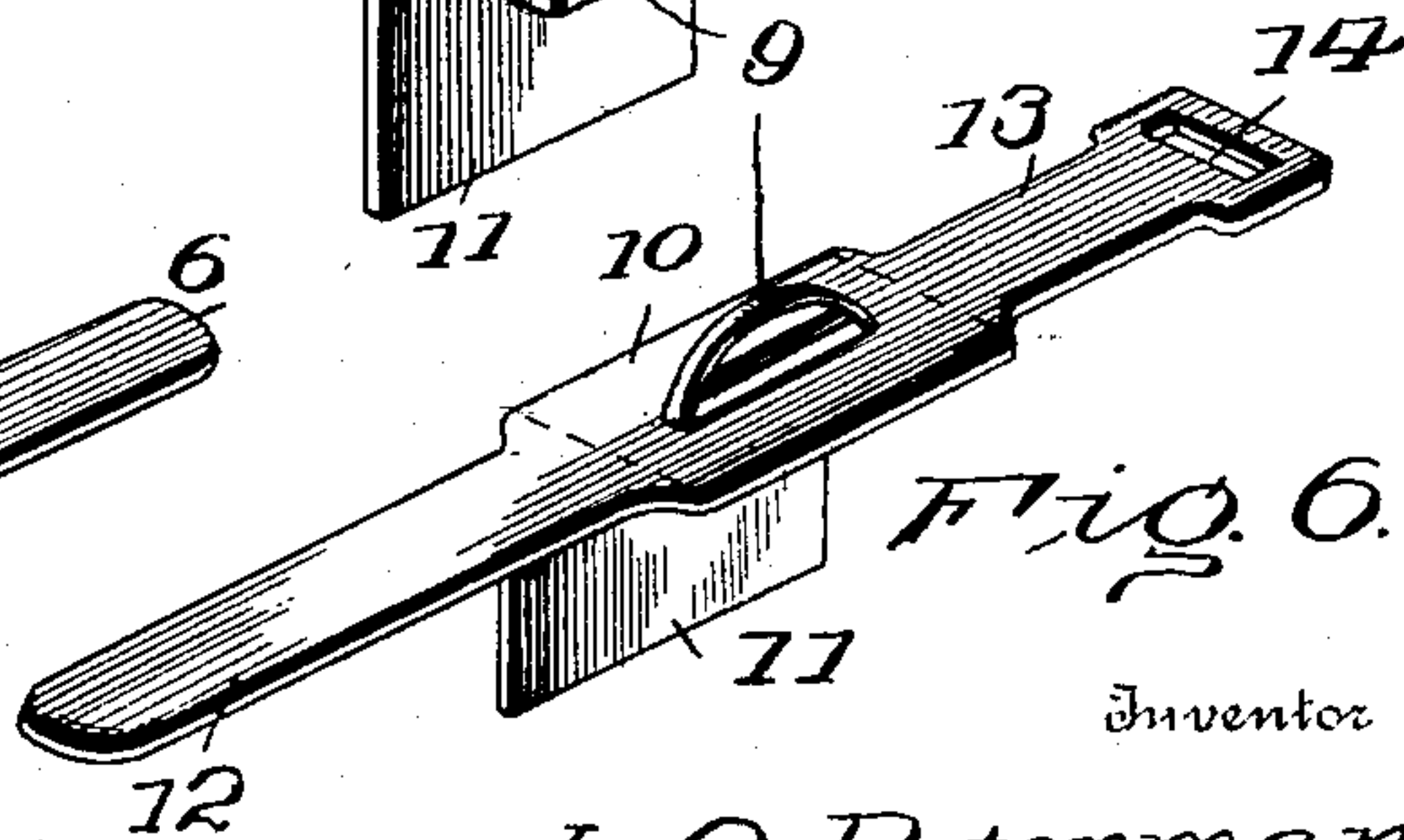
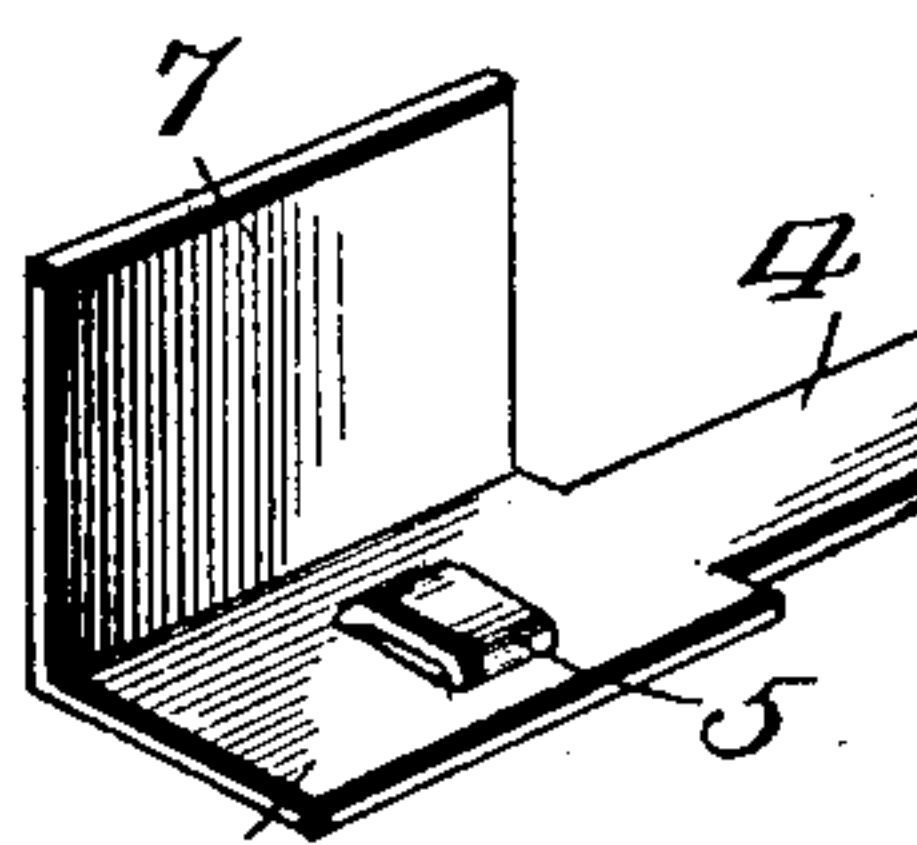
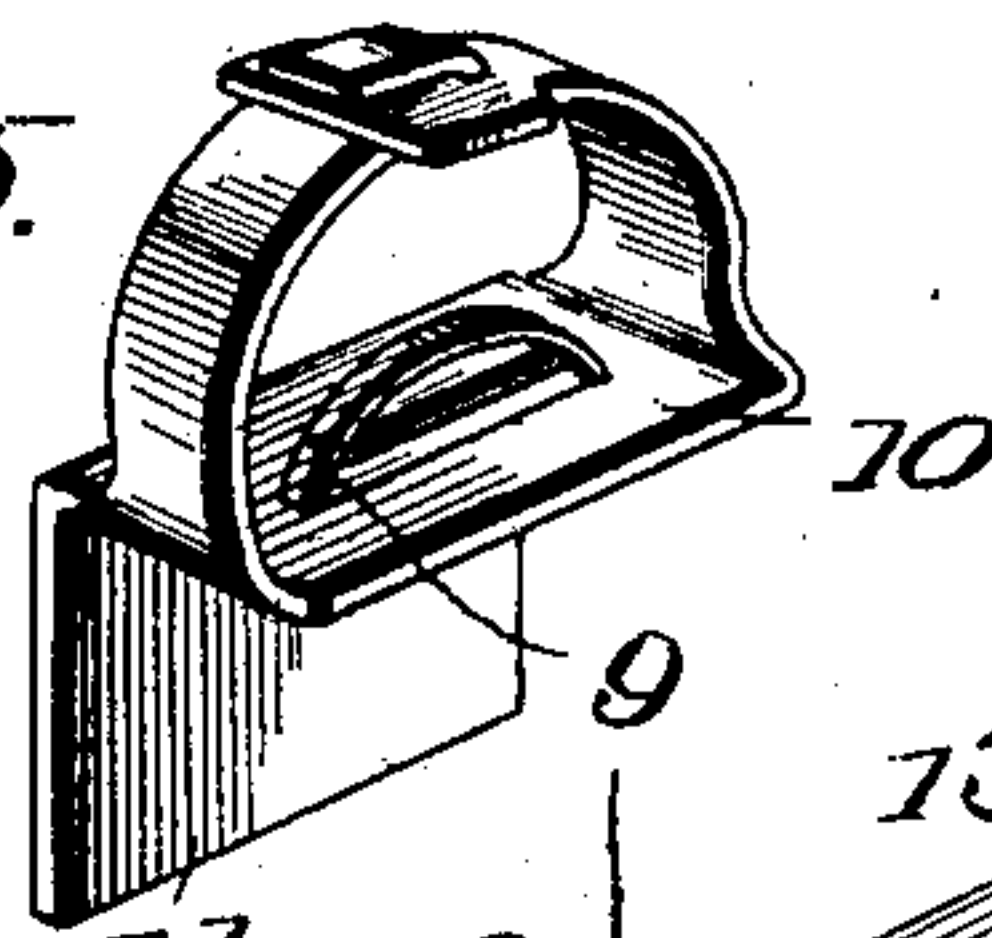


Fig. 5



Inventor

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Fig. 4

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UNITED STATES PATENT OFFICE.

LESTER O. PETERMAN, OF MUSCATINE, IOWA.

PEDAL ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 732,957, dated July 7, 1903.

Application filed October 23, 1901. Serial No. 79,674. (No model.)

To all whom it may concern:

Be it known that I, LESTER O. PETERMAN, a citizen of the United States, residing at Muscatine, in the county of Muscatine and State of Iowa, have invented certain new and useful Improvements in Pedal Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an attachment for pianos, designed to be secured to the pedals of the instrument; and it consists of certain novel features of construction of parts, the preferred embodiment whereof will be illustrated in the accompanying drawings and pointed out in the claim.

The object of my invention is to provide means coöperating with the pedals of a piano, organ, or the like designed to close the opening usually left in the casing to accommodate the play of the pedal in order that said opening may be rendered inaccessible to mice or the like, inasmuch as considerable damage is done by said animals to certain parts of the action of the instrument.

In the accompanying drawings, made a part of this application, Figure 1 is a perspective view showing a portion of the lower side of the front casing of the instrument and illustrating my pedal attachment applied to use upon the pedals. Fig. 2 is a detail view showing a vertical section of a contiguous part of the casing and a side view of the pedal. Fig. 3 is a perspective detail view showing my invention complete. Fig. 4 is a perspective detail view of the metal blank from which the device illustrated in Fig. 3 is formed. Figs. 5 and 6 illustrate other forms of construction which may be adopted in materializing my improved pedal attachment.

In order to conveniently designate the several parts of my invention and the coöperating features, numerals will be employed, of which 1 indicates a portion of the casing of a piano or other instrument provided with pedals 2, as is common, and since each pedal is designed to be moved downward for the proper control of the action of the instrument it becomes necessary to compensate for this downward movement of the pedal by forming a

suitable opening in a contiguous part of the casing below the pedal, and instead of leaving this opening uncovered, as is now common, I am by the use of my pedal attachment able to completely cover the opening to exclude mice or the like and at the same time permit the free reciprocation of the pedal, as will be readily obvious by reference to Fig. 2 of the drawings.

It may be stated with reference to Fig. 2 that in some instances it may be necessary to swing the cover-section slightly outward in order that it will not bite against a contiguous part of the casing when the pedal is moved downward incident to the operation thereof.

The preferred form of construction, as illustrated in detail in Figs. 3 and 4, consists of the main or body portion 3, having the integral elongated anchoring-section 4, designed to wrap around a contiguous part of the pedal, the free or extreme end of the section 4 being designed to take under the anchoring loop or lip 5, also integral, inasmuch as said lip is struck up from the material forming the body portion 3.

The manner of securing the free end 6 of the section 4 is illustrated in detail in Fig. 3, said end being slipped under the loop-section 5 and then bent back upon said loop, thereby insuring that it will be held against casual disengagement.

Preferably integrally formed with the body portion 3 is the cover or closure 7, designed to fit over the opening 8, formed in the casing beneath the pedal. My improved pedal attachment for pianos or the like does not require any riveting or soldering, inasmuch as my attachment is a complete article of manufacture in itself and adapted for attachment to the pedals of any instrument and when so attached will be found to be permanently disposed in position, inasmuch as it is not liable to become casually disengaged.

Inasmuch as the pedals of a piano or the like are usually cast or otherwise formed so as to be hollow upon the under side my form of attachment illustrated in Figs. 5 and 6 may be readily so formed that an integral tongue 9 may be struck up from part of the body portion 10, said tongue being provided with a curved edge which will snugly fit the

curved under side of the pedal. This will prevent injurious insects from entering the casing at this point.

The form of construction illustrated in Figs. 5 and 6 may be adopted, if desired, and my only purpose in presenting said views is to illustrate that various substitutes may be adopted without materially departing from the spirit and scope of my invention, and I wish, therefore, to comprehend all possible substitutes and equivalents.

The body portion 10 is integrally formed with the covering-section 11 and also with the anchoring-terminals 12 and 13, which spring from opposite ends of said body portion. The anchoring-terminal 13 is preferably slightly enlarged at its extreme end and provided with a transversely-disposed slot 14 of sufficient width to receive the end of the terminal 12, which may be passed through said slot, and then bent back upon itself, as illustrated in Fig. 5, in order that the attachment may be firmly secured in place.

My improved attachment may be readily and cheaply blanked out from suitable sheet metal, the entire attachment being formed by a single operation of the machine, when the closure-section 7 or 11, as the case may

be, is bent at right angles to the body portion to which it is secured and the anchoring-terminal bent around the contiguous part of the pedal and secured, as above described.

Having thus described the construction and manner of using my improved pedal attachment, further reference to the details involved is deemed unnecessary.

What I claim as new, and desire to secure by Letters Patent, is—

A pedal attachment formed of a piece of sheet metal comprising the body portion having one end bent downward at right angles to itself and the remaining end provided with the struck-up portion or lip 9 for the purpose specified, in combination with laterally-extending loop-sections one of which is provided with a slotted opening adapted to receive the free end of the other section whereby the attachment may be anchored in place upon the pedal all combined substantially as specified and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

LESTER O. PETERMAN.

Witnesses:

L. E. HERT,

J. J. GRIFFITH.