

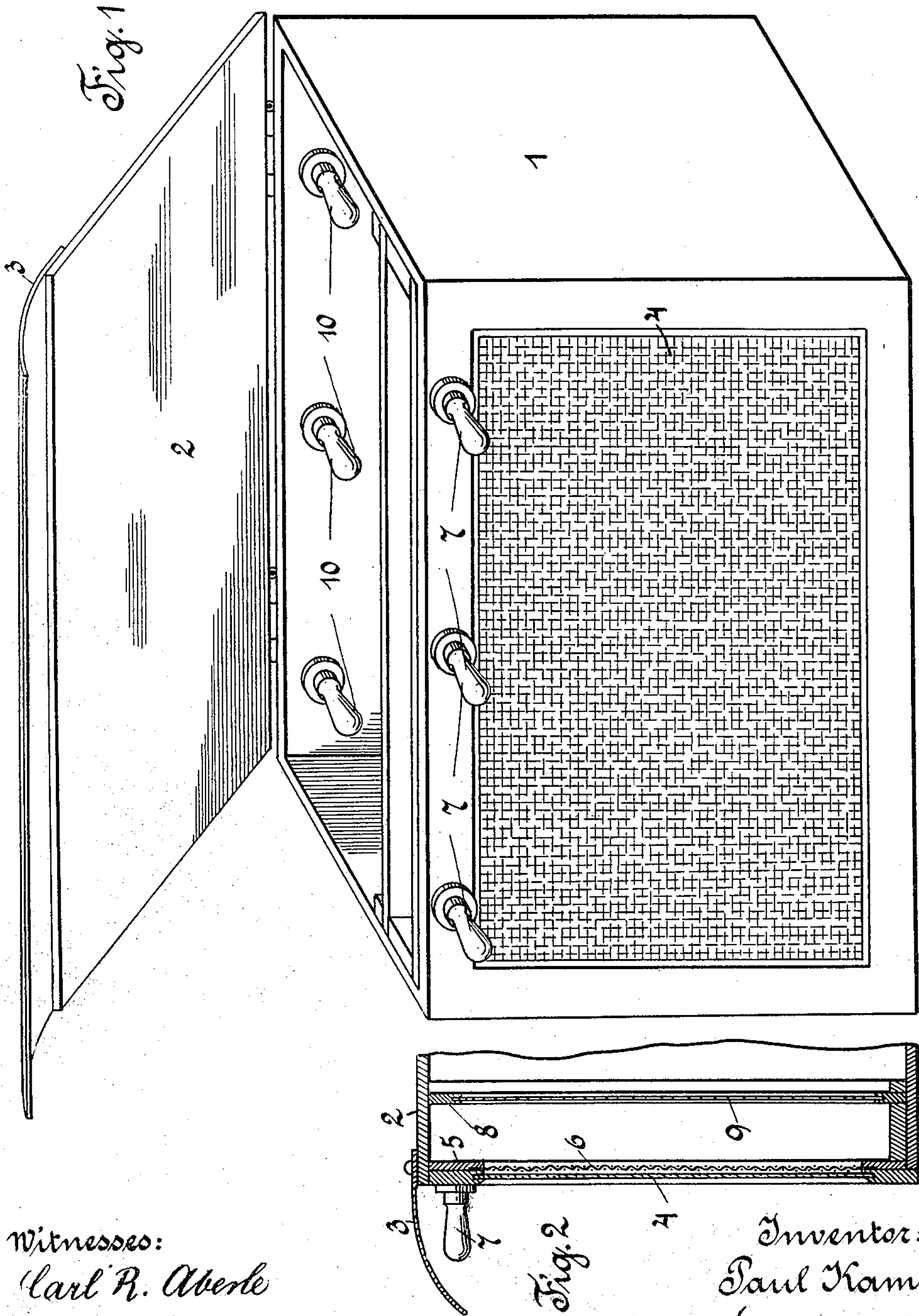
P. KAMM.  
SIGN.

APPLICATION FILED DEC. 8, 1909.

960,336.

Patented June 7, 1910.

2 SHEETS—SHEET 1.



Witnesses:  
Carl R. Aberle  
B. G. Richards

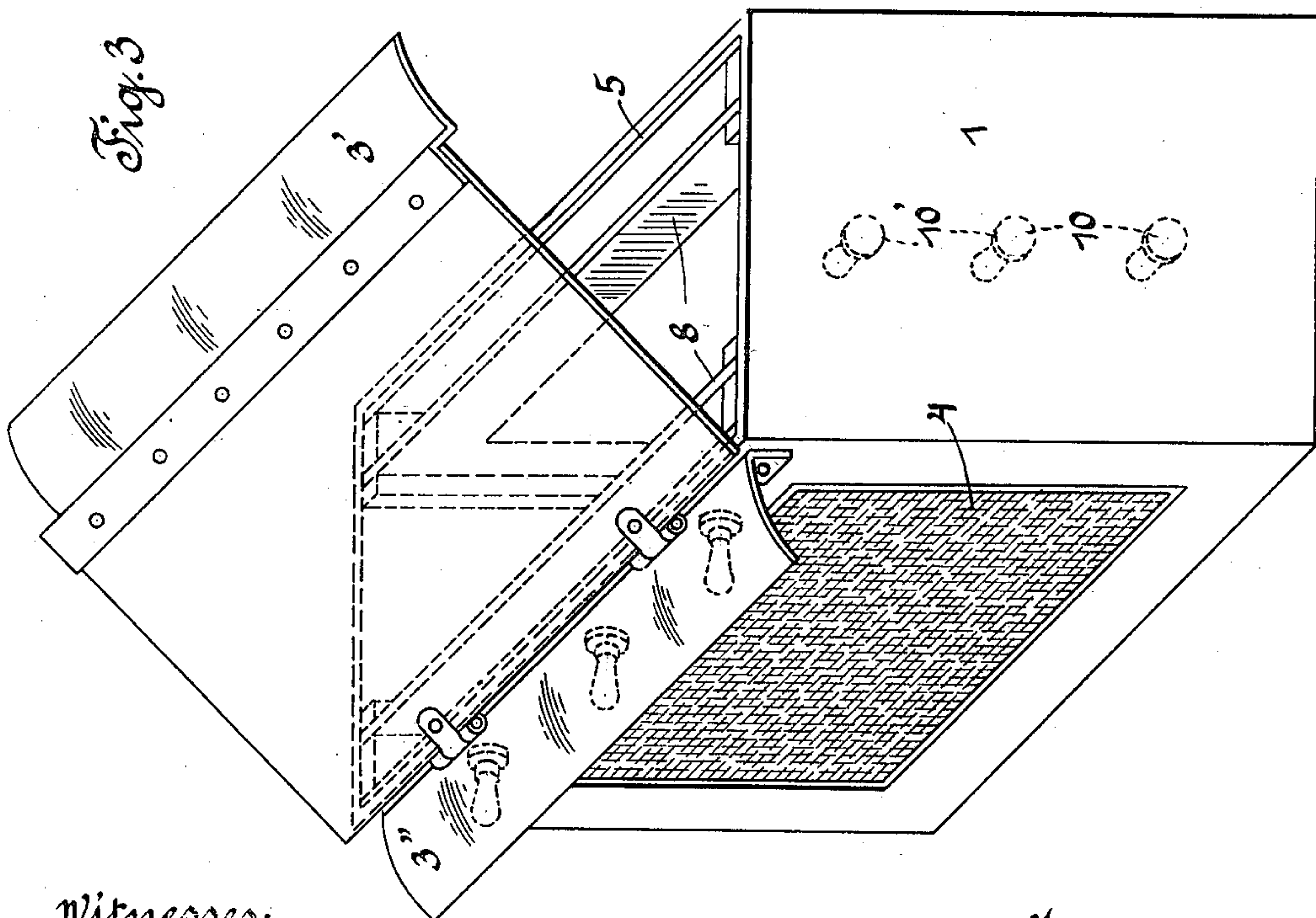
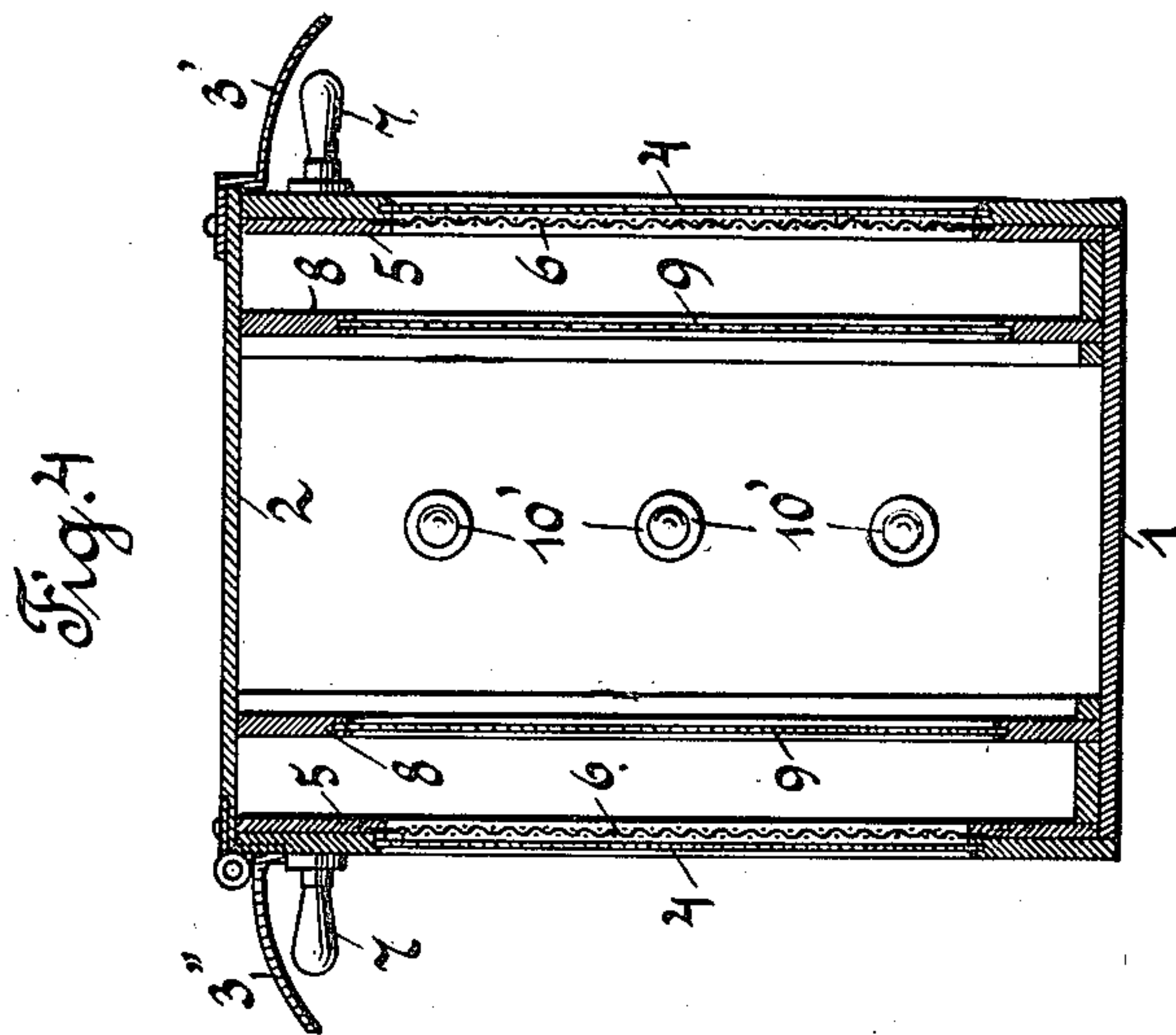
Inventor:  
Paul Kamm  
by Joshua R. Dorr  
his Attorney.

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2 SHEETS—SHEET 2.



Witnesses:  
Carl R. Aberle  
B. F. Richards

Inventor:  
Paul Kamm  
by *Joshua H. Stone*  
his Attorney.



# UNITED STATES PATENT OFFICE.

PAUL KAMM, OF CHICAGO, ILLINOIS.

SIGN.

960,336.

Specification of Letters Patent.

Patented June 7, 1910.

Application filed December 8, 1909. Serial No. 531,968.

*To all whom it may concern:*

Be it known that I, PAUL KAMM, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Signs, of which the following is a specification.

My invention relates to improvements in signs and has for its object the production of an illuminated sign of improved construction and operation.

The invention consists in the combination and arrangement of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a perspective view of a sign embodying my invention and showing the top of said sign partially elevated, Fig. 2 is a section of said sign showing the top thereof closed, Fig. 3 is a perspective view of a modified form of construction illustrating the top as partially open, and Fig. 4 is a section of Fig. 3 showing the top closed.

The preferred form of construction as illustrated in the drawings comprises a suitable box or casing 1 having a hinged top 2 provided with a downwardly curved reflector 3 at its outer or opening end. One side of box 1 is closed by a transparent glass plate 4 behind which is removably mounted a frame 5 carrying a wire casing or other foraminated sign member 6. A sign is prepared on the sign member 6 by painting or otherwise coloring the same, care being taken that the interstices or perforations therein shall not be closed by the paint or other coloring matter. Behind sign member 6 is removably mounted a frame 8 carrying a transverse sign plate 9 preferably of glass. A sign is formed on the plate 9 by "blocking" the same out thereon with paint or other opaque matter so that the desired sign shall be represented by the portions of said glass plate left transparent.

On the exterior of the casing 1 electric light bulbs 7 are mounted immediately above plate 4 and in such position that the reflector 3, when the top 2 is closed, will throw the rays of light thereon upon the foraminated sign member 6. Within the casing 1 and on the side thereof opposite to the foraminated

sign member 6 are arranged another set of electric light bulbs 10, adapted to illuminate the interior of casing 1. Lights 7 and 10 are connected in suitable electric circuits and suitable means (not shown) are provided for alternately lighting or "flashing" said exterior and interior lights as will be readily understood by those skilled in the art. When lights 7 are lighted the sign matter on member 6 will be rendered visible thereby. When lights 7 are extinguished and lights 10 lighted the sign matter on member 6 will not be visible and that on plate 9 will appear owing to the passage of light therethrough. The light passing through plate 9 must also pass through member 6 and for this reason care should be taken that the interstices on member 6 are not closed.

In Figs. 3 and 4 I have illustrated a modified form of construction in which opposite sides of the casing 1 are provided with sign members 6 and 9 as above described. In this case exterior lights 7 are mounted on the opposite sides of casing 1 immediately above plates 4 and reflectors 3' and 3'' provided for the same. The interior lights 10' are, in this instance, placed upon a side of the box located between the oppositely disposed sign members 6. Otherwise the construction is exactly the same as in the case above described and the operation is the same except that both signs will be visible in two directions instead of one.

While I have shown what I deem to be the preferable form of my invention I do not wish to be limited thereto as there might be various changes made in the details of construction and arrangement of parts described without departing from my invention. I, therefore, do not wish to be limited to the exact details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claim.

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

An illuminated sign comprising a casing; a foraminated member in one side of said casing and colored to form a sign; a transparent sign located in the side of said casing behind said foraminated member; electric lights in said casing and on the side opposite to said foraminated member; lights on

the exterior of said casing above said fo-  
raminated member; an upwardly swinging  
top for said casing; a reflector on said top  
and adapted to cover said exterior lights;  
5 and means for alternately lighting said ex-  
terior and interior lights, substantially as  
described.

In testimony whereof I have signed my  
name to this specification in the presence of  
two subscribing witnesses.

PAUL KAMM.

Witnesses:

HELEN F. LILLIS,  
JOSHUA R. H. POTTS.