

No. 867,048.

PATENTED SEPT. 24, 1907.

C. JUNKER.
STERILIZING APPARATUS.
APPLICATION FILED MAR. 16, 1906.

Fig. 1.

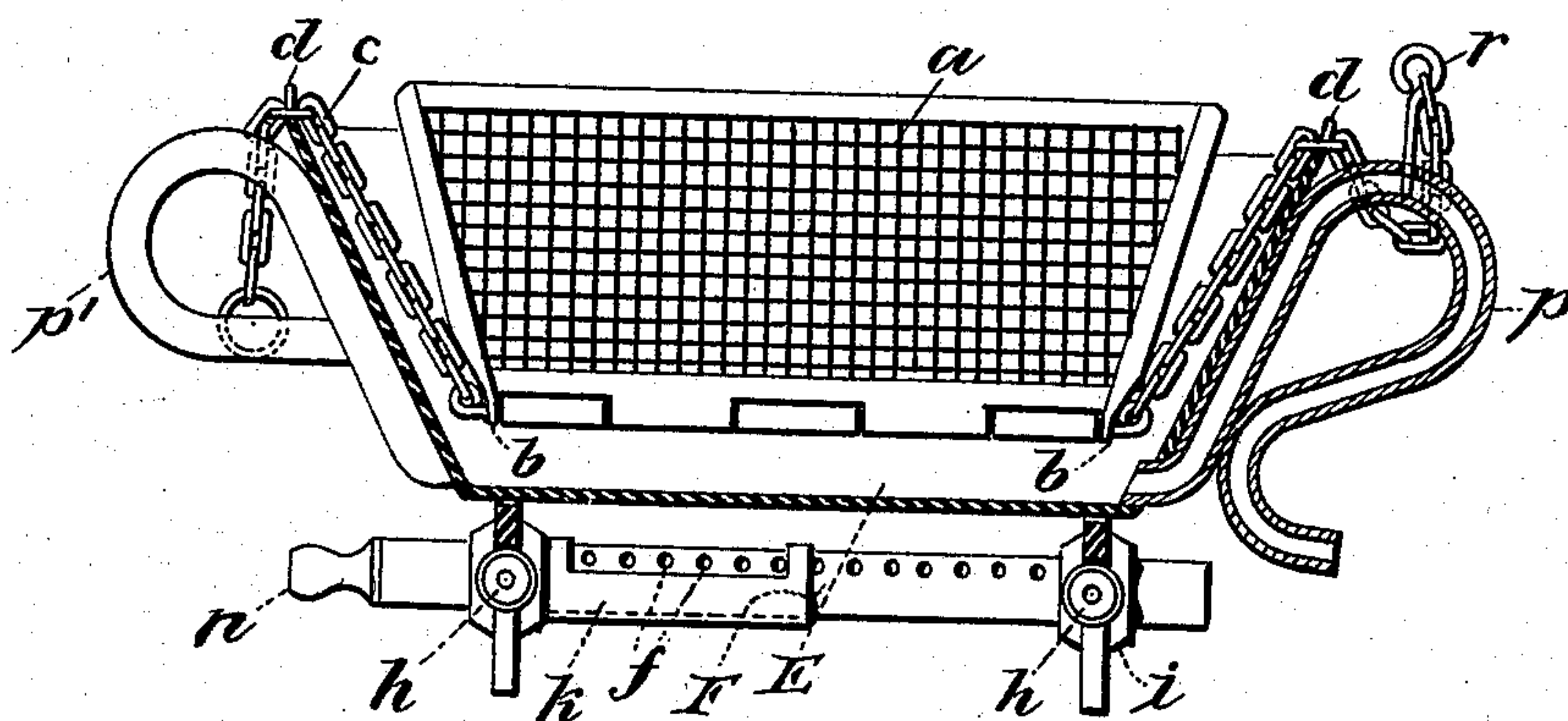
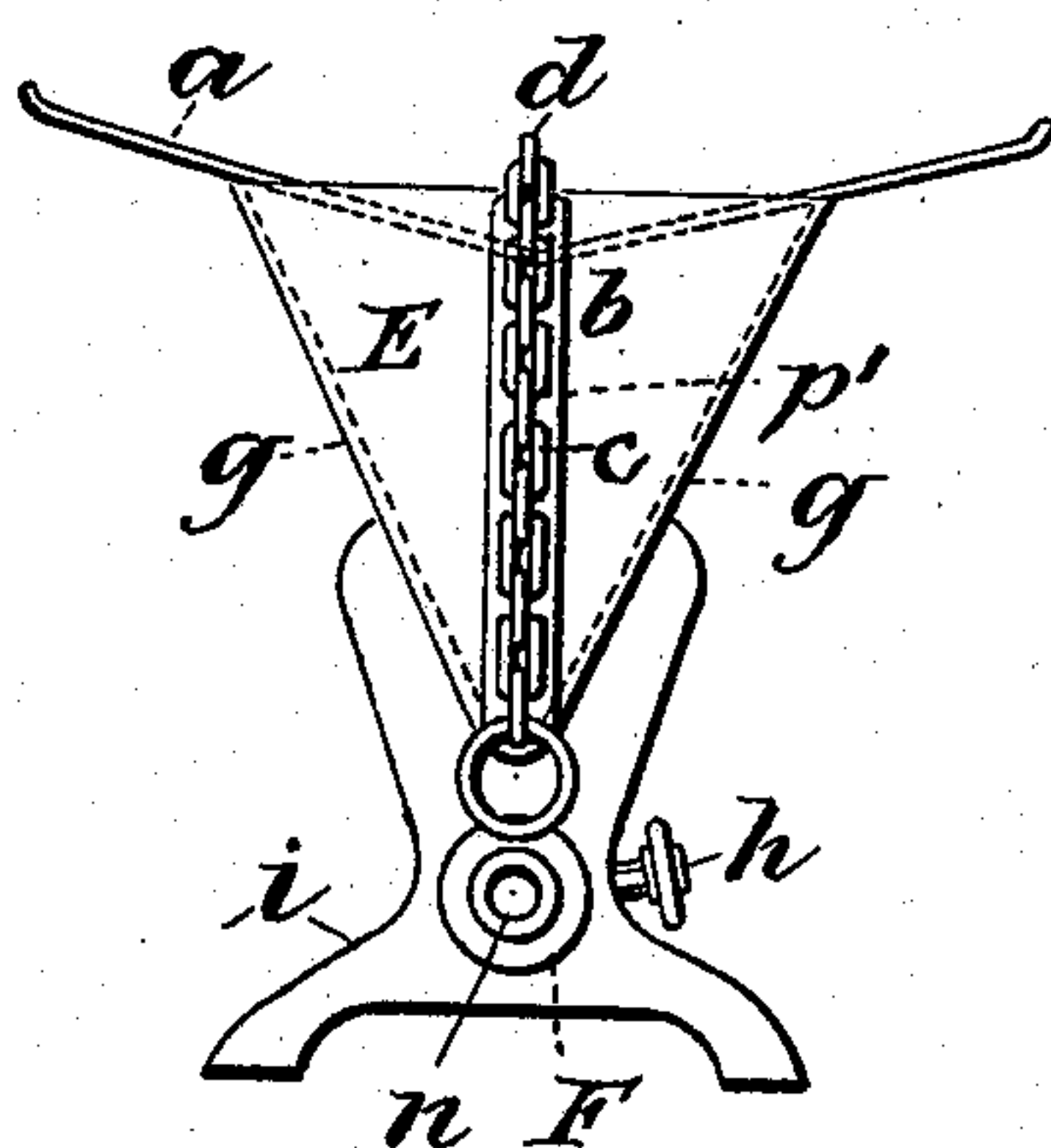


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

CARL JUNKER, OF KARLSRUHE, BADEN, GERMANY.

STERILIZING APPARATUS.

No. 867,048.

Specification of Letters Patent.

Patented Sept. 24, 1907.

Application filed March 16, 1906. Serial No. 306,414.

To all whom it may concern:

Be it known that I, CARL JUNKER, fabrikant, and a resident of Karlsruhe, in the Grand Duchy of Baden, German Empire, Sophienstrasse 107/iii, have invented
5 new and useful Improvements in Sterilizing Apparatus, of which the following is a specification.

My invention relates to a sterilizing apparatus for physicians.

10 It is especially adapted to be easily mounted and to be dismantled and packed into a small parcel.

In the accompanying drawings Figure 1 is a section, Fig. 2 an end view of the apparatus.

15 E is an open boiler with inclined walls *g* and of triangular cross section for reception of water and the instruments to be sterilized.

20 *i* are two supports, placed on a gas pipe F and properly shaped to receive the tub E. The supports *i* are fixed to the pipe F by set screws *h*, after they have been placed on the table or other supporting plate. The pipe F is provided with burner holes *f* and a nipple *n* to be connected with a rubber tube furnishing the gas.

25 *k* is a slotted pipe enveloping tightly the pipe F. By turning this pipe *k* a part of the burner holes *f* may be closed in case a boiler of less length than the line of holes *f* is used.

a is a wire net frame, consisting of two parts connected to each other by a hinge *b*. This wire net serves to support the surgical instruments. The frame

is put into the boiler and folds together and is held 30 by the chains *c*. These chains are linked to ears provided at the ends of the pin of the hinge *b* and suspended at the pins *d* as shown in Fig. 1. The sterilization being finished the frame is lifted and stretched by suspending it at links of the chains *c*, neighboring 35 the hinge *b*.

p is a curved outlet pipe for the purpose of letting out the water by lifting the boiler a little at the handle *p'*, the pipe *p* acting as a siphon. This action may be interrupted by taking the tightly fitting pin *r* out 40 of an air hole in the pipe *p*.

In packing up the apparatus the gas pipe F, the supports *i* and the frame *a* are placed into the boiler.

Now what I claim and desire to secure by Letters Patent is the following:

1. In a sterilizing apparatus the combination of a tub of triangular section with a foldable wire net, chains fixed to the said wire net and pins fixed to the tub and adapted to receive the links of the said chains substantially as described. 45

2. In a sterilizer, the combination of a boiler, a foldable wire net, chains secured to the wire net, and holding means on the boiler, adapted for engagement with the links of said chains substantially as described. 50

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two witnesses, 55 this third day of March 1906.

CARL JUNKER.

Witnesses:

FRAN MATHIS,
HANS HOLL.