No. 844,271. PATENTED FEB. 12, 1907.

J. B. FARQUHARSON.

PHOTOGRAPHIC PRINT DRIER.

APPLICATION FILED SEPT. 22, 1906.

Fig. 1

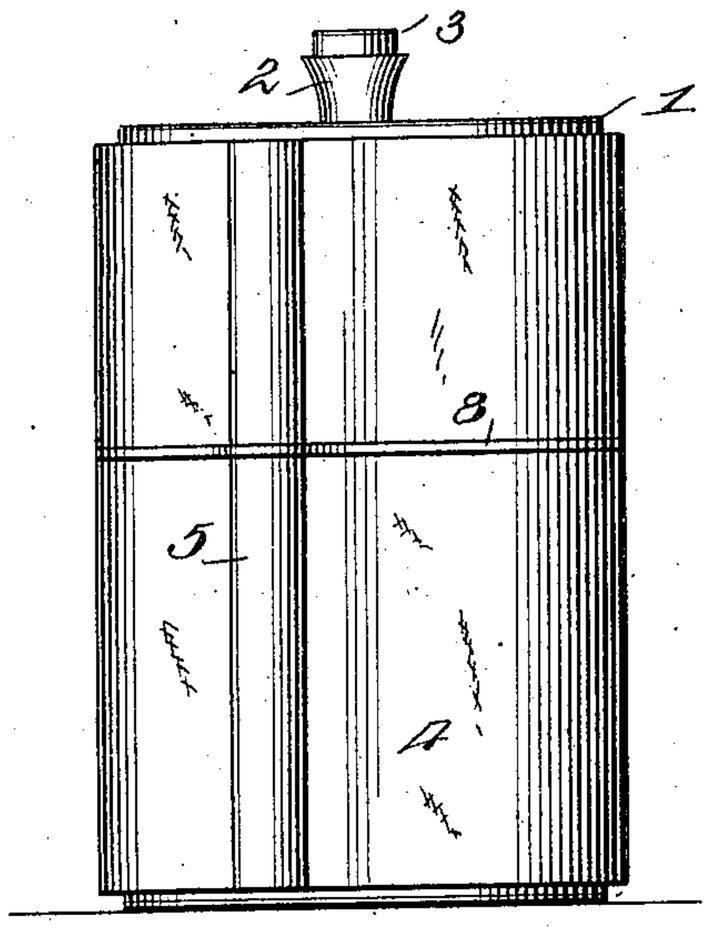


Fig. 2.

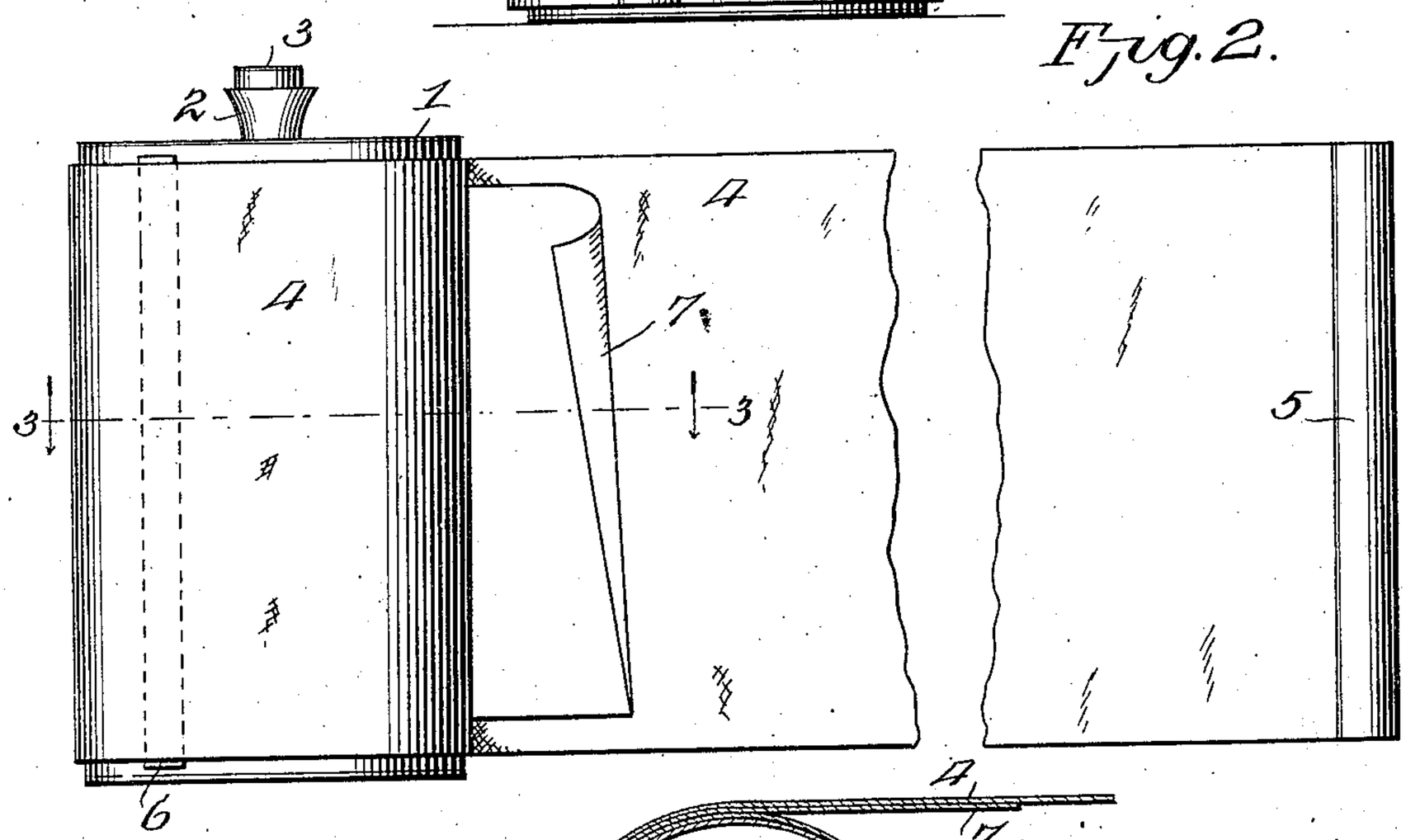
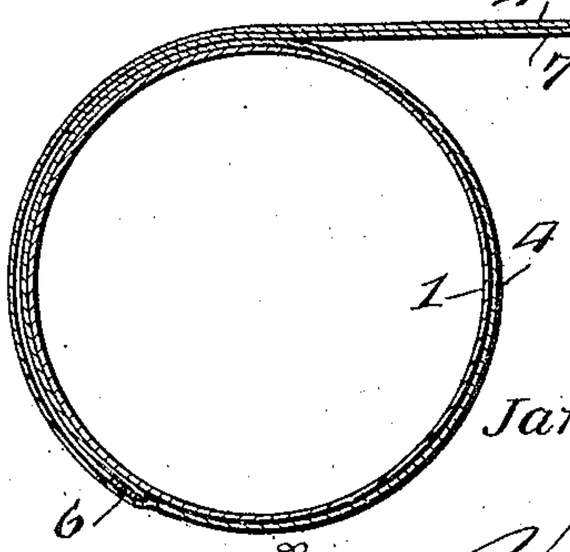


Fig. 3.



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UNITED STATES PATENT OFFICE.

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PHOTOGRAPHIC-PRINT DRIER.

No. 844,271. Specification of Letters Patent. Patented Feb. 12, 1907.

Application filed September 22, 1906. Serial No. 335,773.

To all whom it may concern:

Be it known that I, JAMES B. FARQUHARSON, a citizen of the United States of America, residing at Rochester, in the county of Monroe and State of New York, have invented new and useful Improvements in Photographic-Print Driers, of which the following is a specification.

This invention relates to a device for drying photographic prints, the object of the invention being to provide a simple, effective, and inexpensive device of this nature whereby one or more prints may be quickly and conveniently dried in such a manner that they will stay flat and be prevented from curling.

In the accompanying drawings, Figure 1 is a side elevation of a print-drier embodying my invention, showing the same as arranged for use, storage, or transportation. Fig. 2 is a similar view showing the holding-strip partially unwound from the heater. Fig. 3 is a horizontal section on line 3 3 of Fig. 2.

Referring to the drawings, 1 designates the body of the drier, which comprises a heating member, preferably of cylindrical form and adapted to be internally heated. The heater is disclosed in the present instance in the form of a metallic can or receptacle provided with a filling neck or nozzle 2, closed by a suitable stopper 3. Through this neck or nozzle hot water, steam, or any other suitable heating agent will be introduced into the heater, the use of hot water being preferred, although I do not limit the invention to the employment of any specific heating medium.

A holding band or strip 4 is fastened at one end to the side of the heater and is provided at its opposite end with a roller or hand-grip 5 to enable it to be conveniently wound about and unwound from the heater. The inner or fixed end of the holding-strip may be fastened to the body of the heater in any preferred manner, as by fastening it thereto through the medium of a suitable binding-strip 6. The strip 4 is composed of muslin or some other suitable fabric and is adapted to be wound around the body of the cylindrical heater to hold one or more photographic prints 7 between the folds thereof in position to be dried. An elastic clamping-band 8 is provided to embrace the rolled strip 4 to retain it in rolled condition for storage or transportation while the prints are confined thereby during the drying operation.

In using the device for the purpose of drying one or more prints the free end of the strip 4 is unwound to the desired extent to enable one or more of the wet photographic prints 7 to be applied between its folds or portions, after which the strip 4 is rewound about the heater and confined by the band 8. The heater is then filled with a heating medium—say hot water—and heat radiating therefrom penetrates and passes through the prints and holding-strip, resulting in a quick evaporation of the moisture and the drying of the prints, which latter, by reason of the character of the holding-strip employed, are prevented from drying too rapidly and are maintained in a pliable condition, so that when removed they will lie flat and will be prevented from curling. It will of course be understood that after a sufficient interval of time has elapsed the strip 4 is unwound to the necessary extent from the heater and the prints removed from between the folds thereof.

It will be apparent that the invention provides a simple and inexpensive construction of print-drier, and its advantages will be readily understood from the foregoing description.

Having thus described the invention, what is claimed as new is—

1. A photographic-print drier comprising a heating-body, and a fabric-holding strip fixed at one end thereto, said strip adapted to be wound about the body and to confine the prints to be dried between its windings, for the drying of the prints by radiation of heat from the body and its passage through the strip.

2. A photographic-print drier comprising a heating-body, a holding-strip fixed at one end thereto and adapted to be wound thereon, and means for securing the strip in wound condition.

3. A photographic-print drier comprising a hollow body adapted to receive a heating medium, and a holding-strip fastened at one end to the body and adapted to be wound therearound to confine one or more photographic prints between its folds or windings.

4. A photographic-print drier comprising

a heating can or tank adapted to contain hot water or the like, a fabric-holding strip fixed at one end thereto and adapted to be wound about the same to confine one or more photographic prints between its windings, and means for holding the strip in wound condition.

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

JAMES B. FARQUHARSON.

Witnesses:
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