Dec. 29, 1970 C. W. LAMBERT 3,550,284

VACUUM CLOTHES DRYER WITH REMOVABLE SHELVES AND HANGERS

Filed April 22, 1968

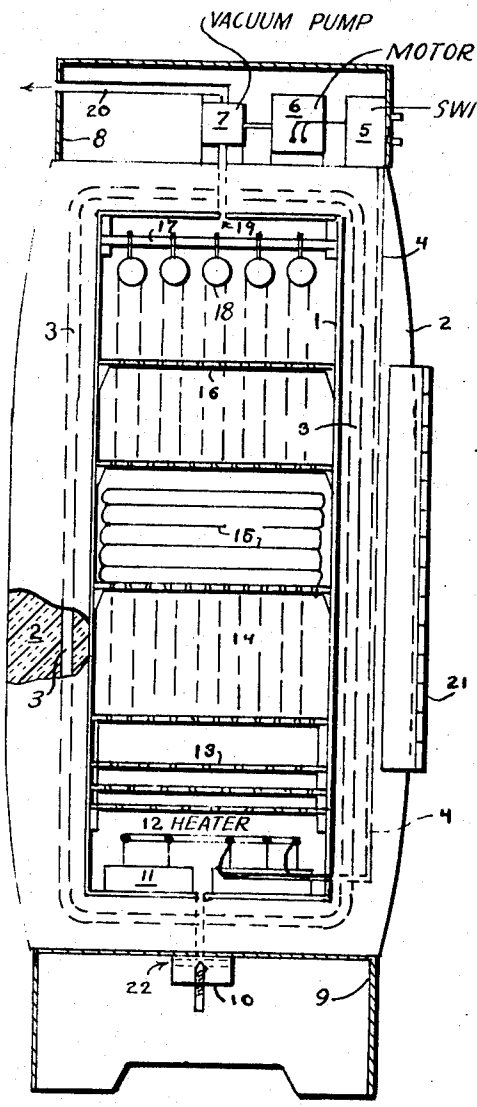


Fig. 1.

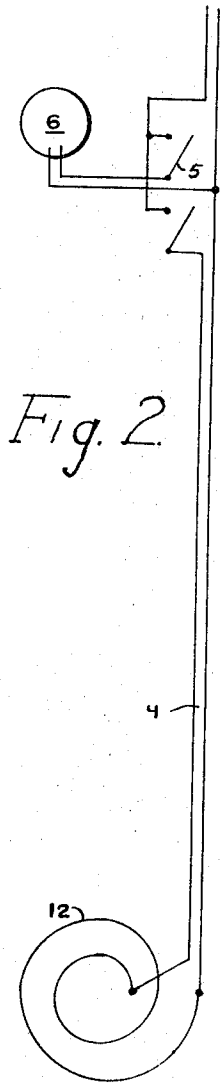


Fig. 2.

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VACUUM CLOTHES DRYER WITH REMOVABLE SHELVES AND HANGERS

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U.S. Cl. 34—92 1 Claim

ABSTRACT OF THE DISCLOSURE

The invention is an improvement of former Pats. Nos. 3,398,463 and 3,392,457.

It comprises a sheet metal box having removable perforated shelves on which damp folded clothes are placed and hangers for wash and wear and permanent press fabrics. Around this box is a steel reenforcing frame which is immersed in a thick layer of plastic or Fiberglas.

In the drawing, FIG. 1 is a front view of the dryer with the door removed and FIG. 2 is a schematic plan of the simple electrical circuit.

In FIG. 1, the sheet metal box **1** is surrounded by plastic or Fiberglas **2** in which it holds the box and a metal frame **3** and the insulated wires **4**.

At the top, switches **5**, motor **6** and vacuum pump **7** in sheet metal box **8**.

At the bottom, supporting frame **9** includes the adjustable leak **10**.

Within box **1**, are insulators **11** supporting the heating element **12**, triple perforated floors **13**, the broken lines **14** represent hanging clothes, **15** the folded clothes on a shelf as **16** all of which are removable. On crossbar **17** are removable hangers **18**.

Air and water vapor are drawn out at **19** by vacuum pump **7** and discharged at **20**. The air enters **22**, is heated

at **12**, and passes upwardly through the damp clothes and is drawn out at the top. A flush door hinge is shown at **21**.

In FIG. 2, the wires **4** connect the heating element **12** and motor **6** through separate switches to the source of power.

I claim:

1. A vacuum clothes dryer comprising the combination of, a metal box, a heating element in the lower part of said box, perforated floors in said box above said heating element to mix the air and spread the radiation to prevent hot spots, removable shelves in said box on which folded damp clothes are placed for drying, a crossbar secured in the top of said box, removable hangers on said bar on which wash and wear and permanent press clothes may be hung for drying when the shelves are removed, a stiff reenforcing frame around said box, a thick layer of fiberglass or plastic material around said frame and said box, a metal base secured to said dryer, an adjustable air leak within said base, allowing a small flow of air into said box, a console secured to the top of said dryer, switches in said console, a vacuum pump and motor secured within said console, hinges on said dryer cooperating with an air tight door, and said vacuum pump drawing air and water vapor from said box.

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