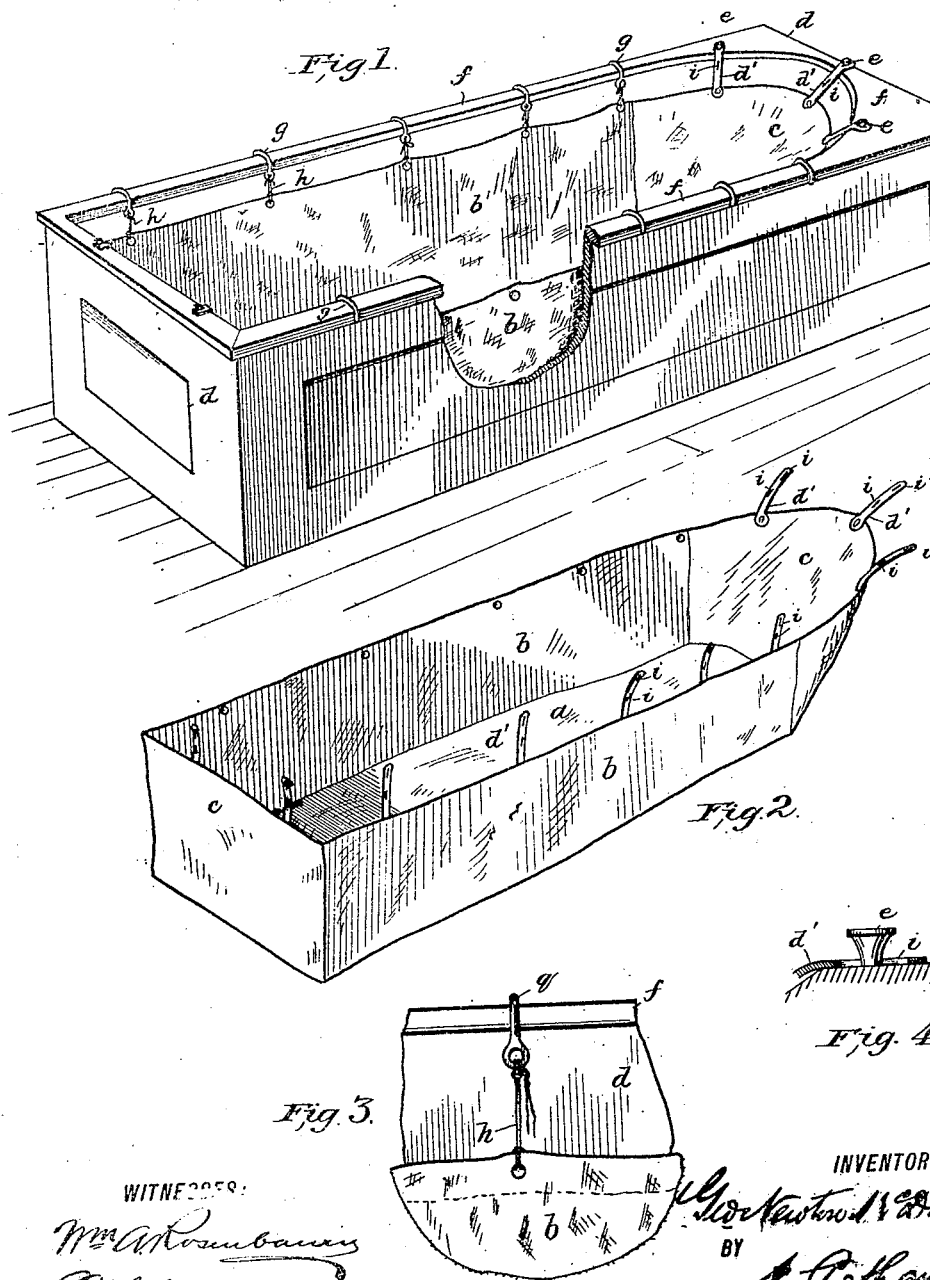


(No Model.)

G. N. McDONALD.
BATH TUB LINING.

Patented July 7, 1891.

No. 455,429.



WITNESSES:
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GEORGE NEWTON McDONALD, OF McDONALD, FLORIDA.

BATH-TUB LINING.

SPECIFICATION forming part of Letters Patent No. 455,429, dated July 7, 1891.

Application filed June 3, 1888. Serial No. 276,532. (No model.)

To all whom it may concern:

Be it known that I, GEORGE NEWTON McDONALD, a citizen of the United States, and resident of McDonald, in the county of Orange and State of Florida, have invented certain new and useful Improvements in Bath-Tub Lining, of which the following is a specification.

My invention consists of a textile lining attachment for bath-tubs contrived for temporary attachment and removal as wanted by individual users of the ordinary tub, the object being to furnish persons of delicate temperament with a medium of protection from the chilling effect of the metallic or porcelain surfaces of the tub, and at the same time being a washable lining for protection from the foul matters always adhering more or less to the surfaces of ordinary tubs, as hereinafter fully described, reference being made to the accompanying drawings, in which—

Figure 1 is a perspective view of a bath-tub with the lining of my invention applied and with a part of the tub broken out to illustrate the invention more clearly. Fig. 2 is a perspective view of the lining alone, and Figs. 3 and 4 are details illustrating the connecting devices.

I make a textile washable lining comprising bottom *a*, sides *b*, and ends *c* of suitable approximate form and dimensions for the tub *d*, with which it is to be used by cutting and shaping the parts out of flannel, muslin, or other textile fabrics and sewing the same together as garments or other structures are produced from such fabrics, or I may knit or weave them as "full-fashioned" articles are produced, and provide the same with hooks, eyelets, or button or eyelet hole straps *d'* along the top of the ends and sides, adapted for hooking onto studs *e*, or other like holders that may be attached to the top plate *f* of the bath-tub, or I may use hooks, as *g*, that are adapted to hook over the top where it is a narrow rail *f* for temporarily holding the lining in place, and being so that they can be readily attached and detached for enabling the lining to be taken out and washed as often as it is used, if desired.

The hooks *g* may be attached to the lining by cords *h*, which may be lengthened or short-

ened, and the straps *d'* may have similar means of connection, or they may be permanently connected and have two or more holes or eyelets *i* at different points along them, enabling the application of the linings to tubs of larger or smaller dimensions; but I do not confine myself to any particular contrivances of devices for connecting and suspending the sides and ends of the lining. It is to be understood that the bottom of the lining is to rest on the bottom of the tub; but it is immaterial whether the sides and ends fit the corresponding parts of the tub closely or not, as a lining of small dimensions may be used in a large tub, though it is preferable to have the lining about the same dimensions as the tub.

It will be seen that with this device persons subject to chills by contact with metal or porcelain substances will be effectually protected, and it also affords substantial protection from the foul matters so tenaciously adhering to the surfaces of tubes of any material as to render them too objectionable to many people for use at all. Such matters as may adhere to the lining from one use may be thoroughly washed out, so that the user of it has the assurance of a clean bath.

By washable material I mean such textile fabrics as wash and cleanse thoroughly in the ordinary methods of washing clothes.

I am aware that rubber has been used in various ways, as part of the structure of a bath-tub adapted for folding or packing in small compass for portability, and I make no claim for such device, mine being no part of a bath-tub as such; but it is a cloth lining for any tub, whether portable or folding or not, and whether made of rubber in part or not, and being readily detachable from the tub and adapted for washing, as set forth.

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

1. A lining of textile and washable material constructed in conformity with the shape of and adapted to be used as a temporary lining for a bath-tub, and provided with fastening or connecting devices to suspend it at the top from the top of the bath-tub, substantially as described.

2. The combination, with a bath-tub, of a

lining of textile and washable material constructed in conformity with the shape of the tub and adapted to be used as a temporary lining therefor, and having fastening or connecting devices to suspend it at the top from the top of the bath-tub, substantially as described.

Signed at New York city, in the county and State of New York, this 25th day of May, A. D. 1888.

GEORGE NEWTON McDONALD.

Witnesses:

W. J. MORGAN,
A. P. THAYER.