

No. 859,488.

PATENTED JULY 9, 1907

H. DOLMETSOE.
INTERNAL WALL COVERING.
APPLICATION FILED JULY 14, 1906.

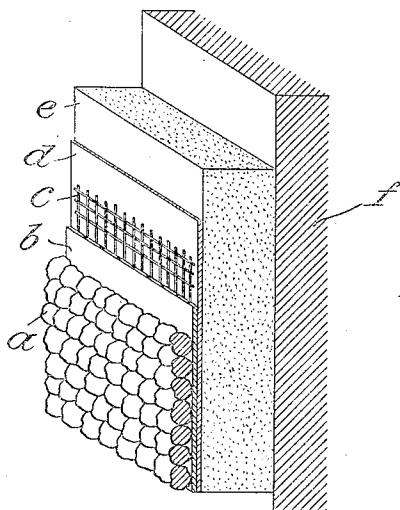


Fig. 1.

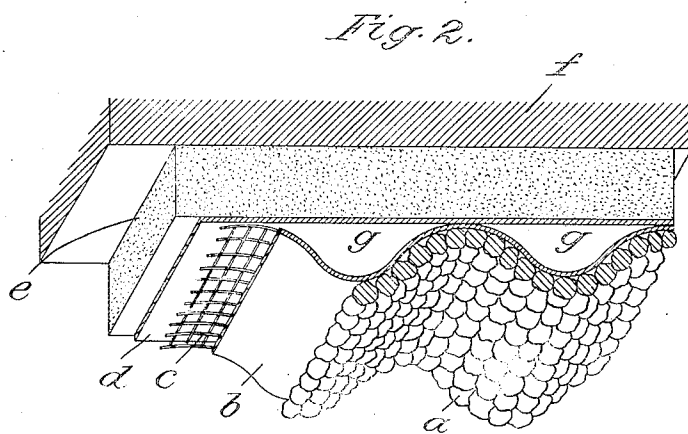


Fig. 2.

Witnesses:
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HEINRICH DOLMETSCH, OF STUTTGART, GERMANY.

INTERNAL WALL-COVERING.

No. 859,488.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed July 14, 1906. Serial No. 326,200.

To all whom it may concern:

Be it known that I, HEINRICH DOLMETSCH, architect, a subject of the King of Württemberg, residing at No. 41 Tübingerstrasse, Stuttgart, Germany, have invented
5 new and useful Improvements in Internal Wall-Coverings, of which the following is a specification.

Attempts have already been made to prevent disturbing acoustic reverberations—so-called “echoes”—
10 in large halls and the like by simply roughening the smooth mural surfaces, by wainscoting the walls with wood, or by facing them with panels of compressed cork, peat or the like, or by hanging the walls with
15 woolen or cotton fabric, thick rough paper, fustian laid in folds, velvet or similar material. These means, however, have been found either inadequate or too
troublesome and liable to give rise to fires; and furthermore the means last referred to, in particular, can
not be employed without the interior architecture being detrimentally affected. Walls constructed of or
20 lined with panels, for instance, of pressed cork, though sound-proof do not absolutely prevent reverberations of sounds.

The object in view is entirely overcome according to my invention by the provision of a covering consisting
25 of fragments of cork assembled closely together.

The invention is illustrated in the accompanying drawing, in which

Figure 1 is a perspective view of a portion of a wall faced according to my invention, and Fig. 2 a perspective
30 view of a portion of a somewhat modified construction of wall.

Referring more particularly to Fig. 1, fragments of cork *a* (which if desired may have been specially
treated for the purpose) are secured to a canvas or wire
35 work backing or the like *c* by means of an adhesive agent *b*, whereby a species of cork wall-hanging is formed which can be applied to the plaster *e* or direct
to the brickwork *f* by the aid of an adhesive medium *d*.

In the modification illustrated in Fig. 2 the cork
40 facing is corrugated, so that air-spaces *g* are left between

it and the plaster or brickwork, similarly as is the case with corrugated pasteboard wall linings, whereby the desired action is increased.

In order to render the granulated cork particularly soft and elastic, it may after removal of all hard particles be boiled or steamed for a certain space of time and then crushed in a special roller mill. During the boiling operation the cork can be dyed any desired color without its character being in any way affected.

The new wall covering is particularly easy and convenient to apply and is cheap and also fire-proof, a matter of the greatest importance in the case of buildings which have already stood many years. In contradistinction to fabric hangings and wood paneling, moreover, the new covering can be applied to either flat or
55 curved surfaces without the architecture being in any wise affected.

By artistic variation of surfaces of coarse and finely granulated cork, by provision of friezes and roses and by the use of various colors all esthetic requirements
60 can be met.

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

1. A wall covering consisting of a flexible backing, a compact layer of granulated cork applied thereto, and a
65 suitable adhesive backing for said flexible backing for securing the same to a wall.

2. A wall covering consisting of a corrugated backing, a compact layer of granulated cork applied thereto, and a suitable adhesive backing for said corrugated backing
70 for securing the same to a wall.

3. A wall covering consisting of a flexible woven wire backing, a compact layer of granulated cork applied thereto, and a suitable adhesive backing for said flexible
75 backing for securing the same to a wall.

In witness whereof I have hereunto signed my name this twenty-eighth day of June 1906, in the presence of two subscribing witnesses.

HEINRICH DOLMETSCH.

Witnesses:

ERNST ENTENMANN,
GOTTHOLD VOGT.