A. C. EGGERS.

TILED FLOOR OR WALL.

APPLICATION FILED NOV. 20, 1907.

910,801.

Patented Jan. 26, 1909.

Fig: 1.

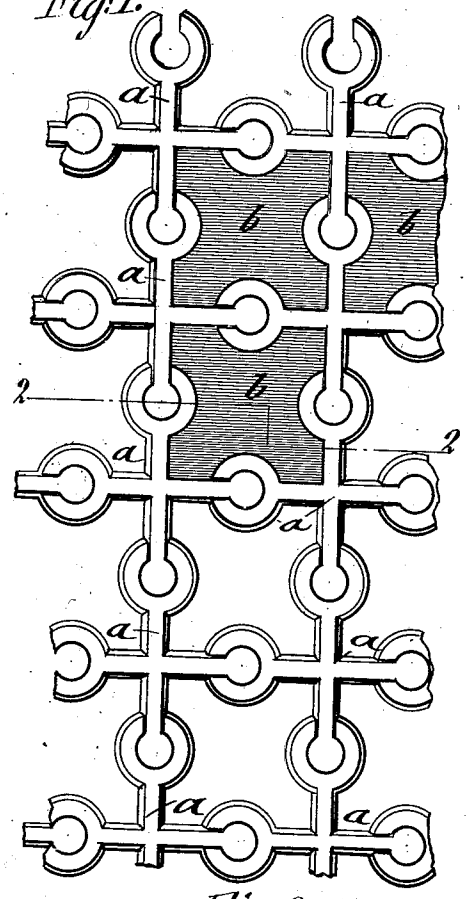


Fig: 4.

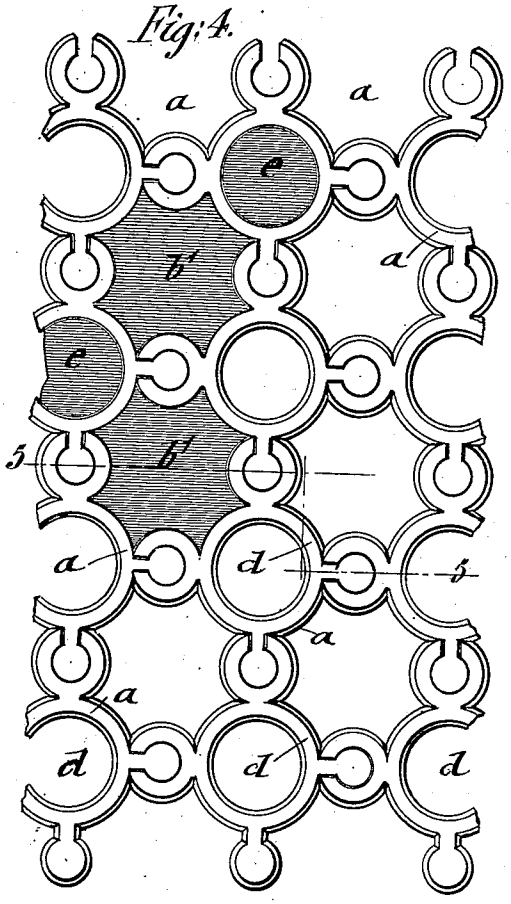


Fig: 2.

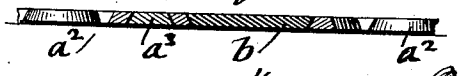


Fig: 5.



Fig: 3.

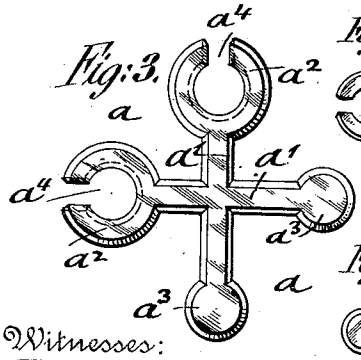


Fig: 7.

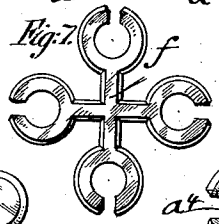


Fig: 6.

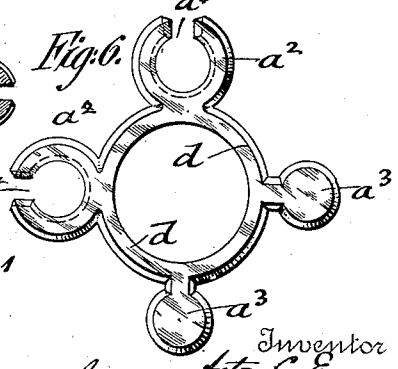
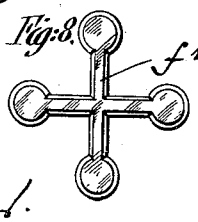


Fig: 8.



Witnesses:
Fannie Fisk
Heurer J. Seubrich.

Inventor
Anton C. Eggers
By his Attorney
Frank Gogel.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ANTON C. EGGERS, OF NEW YORK, N. Y.

TILED FLOOR OR WALL.

No. 910,801. Specification of Letters Patent. Patented Jan. 26, 1909.

Application filed November 20, 1907. Serial No. 402,946.

To all whom it may concern:

Be it known that I, ANTON C. EGGERS, a citizen of the United States, residing in New York, borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Tiled Floors or Walls, of which the following is a specification.

This invention relates to a floor or wall covering of that class in which a comparatively hard or inelastic frame formed of interlocking sections, and elastic or yielding filling-pieces, are employed to form a covering of uniform color or of contrasting colors, which covering retains its color throughout even when subjected to considerable wear, and which forms a durable and at the same time an elastic floor-covering that is agreeable to the foot; and for this purpose the invention consists of a tiled floor or wall covering constructed in the manner to be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a plan-view of my improved tiled floor or wall, showing the same partly completed and partly with the elastic filling-pieces omitted so as to show the retaining frame, Fig. 2 is a vertical transverse section on line 2, 2, Fig. 1, Fig. 3 is a detail plan-view of one of the frame-sections drawn on a larger scale, Fig. 4 is a plan-view of another form of tiled floor or wall covering, Fig. 5 a vertical transverse section on line 5, 5, Fig. 4, Fig. 6 a detail plan-view of one of the frame-sections, shown in Fig. 4, drawn on a larger scale and Figs. 7 and 8 are two individual frame-sections of modified construction.

Similar letters of reference indicate corresponding parts throughout the several figures.

The improved tiled floor or wall covering is formed of two main-portions, an open work frame formed of a number of cross-shaped and interlocking frame-sections *a*, and filling-pieces *b* for the spaces between the interlocking frame-sections. All the frame-sections *a* are made of the same shape with a cross-shaped center-portion a^1 and four terminals of which one adjacent pair a^2 is made of circular or other shape and provided with recesses a^4 in line with the two axes of the centerpiece, while the other pair of terminals a^3 is made of disk-shape so as to fit into the recessed terminals of the adjacent frame-sections. In place of the cross-shaped center-portion a circular center-portion *d* may be used from which the pairs of hollow and disk-shaped terminals extend, as shown in Figs. 4—6. However, even in case the center-portion is made circular, the frame-section as a whole will still be substantially cross-shaped and the filling-pieces will fit into the spaces between the terminals, as before. In place of a circular center-portion *d* a polygonal center-portion may be used, as it is obvious that any center-portion which connects the terminals in the same manner as the cross-shaped center-portion *a* is an equivalent to the same, as the center-portions serve as carriers or holders of the interlocking terminals.

The frame-sections *a* are preferably made of a plastic material which hardens after being pressed into shape in a suitable mold so as to have a rigid, if not quite inelastic character. The material which is used for this purpose may be hard rubber, indurated fiber, lincrusta, or any other composition which has the necessary degree of strength for this purpose. The outer edges of the frame-sections are preferably beveled so as to be larger at the base and permit thereby the proper interlocking of the terminals. The filling-pieces *b* are preferably made of soft rubber, or other elastic material and either of the same color as the retaining frame or of a contrasting color therewith, according as a floor covering of the same color or of contrasting colors is required. The filling pieces *b* are also slightly beveled at their outer edges from their upper edges downward and inward towards the bottom edges so as to fit accurately into the spaces formed between the beveled edges of the interlocking frame-sections and form with the same a continuous floor or wall covering. When laying the floor or wall covering, the retaining frame may be cemented to the wood or other floor and the filling-pieces cemented into the frame, or they may be laid on the floor without being cemented together and attached by means of thin wire-nails or brads.

When the center portions of the frame-sections are made of round or polygonal shape an auxiliary set of filling-pieces *e* of round or polygonal shape is required for filling the spaces formed in the center-portions of the frame-sections in addition to the filling-pieces b^1 for the spaces between the inter-

locking frame-sections. In this case, a third color may be selected for the filling-pieces *e* of the center-portions and thereby a greater variety in shape and color given to the floor- or wall-covering. The retaining frame *a* can also be made of two different shapes *f*, *f'*, as shown in Figs. 7 and 8, one shape having a center-portion and four open and recessed terminals, the other a center-portion and four disk-shaped terminals, which latter interlock with the recessed terminals of the adjacent frame-sections.

The filling pieces *b* and *b*^{1} are made in molds so that they are all of the same shape required. The interlocking frame-sections as well as filling-pieces are furnished in the quantity required for a given floor-space and then laid on the floor in the manner described. The floor covering can be taken up if desired and relaid at some other place. It can be used for a considerable length of time without losing its design, shape or color. The floor-covering forms an agreeable hold for the foot and a very durable and noiseless floor-covering for private houses, hotels and public buildings.

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

1. A tiled floor or wall covering comprising an open-work frame formed of substantially cross-shaped frame-sections interlocking with each other and arranged to form spaces bounded by arms thereof, and filling-pieces located in said spaces.

2. A tiled floor or wall covering comprising a frame formed of a plurality of substantially cross-shaped frame-sections arranged to form spaces bounded by arms thereof, the ends of the arms of each section interlocking with the ends of corresponding arms of adjacent sections, and filling-pieces located in the spaces bounded by the arms.

3. In a tiled floor or wall covering, the combination of a plurality of frame-sections having open center-portions and terminals extending therefrom arranged to form spaces bounded by said sections, the terminals of the different sections interlocking with each other, filling-pieces located in said spaces, and filling-pieces in the open center-portions of the sections.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

ANTON C. EGGERS.

Witnesses:
PAUL GOEPEL,
HENRY J. SUHRBIER.