No. 735,969. PATENTED AUG. 11, 1903.

P. B. GUILHOU.

SEPARABLE FLOORING, BOARDED CEILING, OR THE LIKE.

APPLICATION FILED DEC. 28, 1901.

NO MODEL.

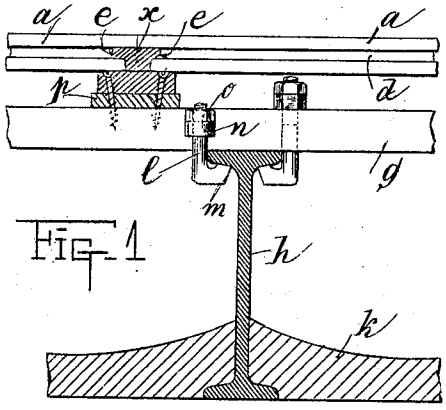


FIG. 1

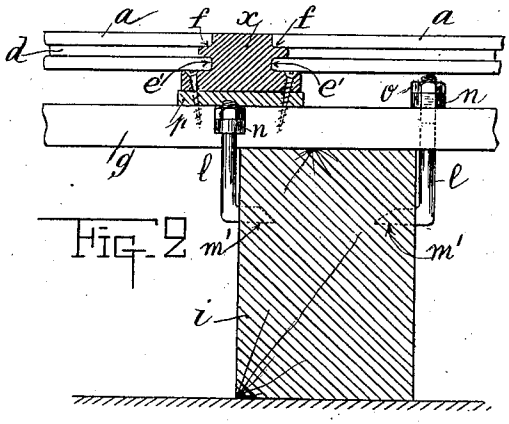


FIG. 2

FIG. 3

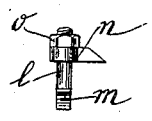


FIG. 4

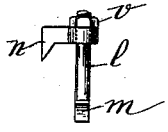


FIG. 5



FIG. 6

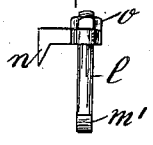


FIG. 7

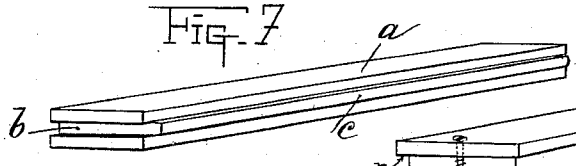


FIG. 9

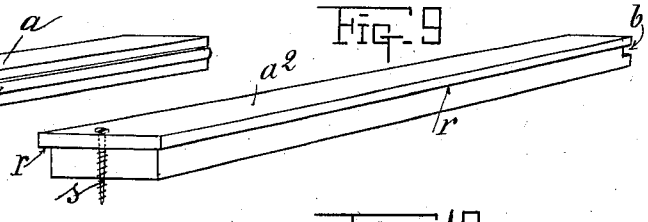


FIG. 8

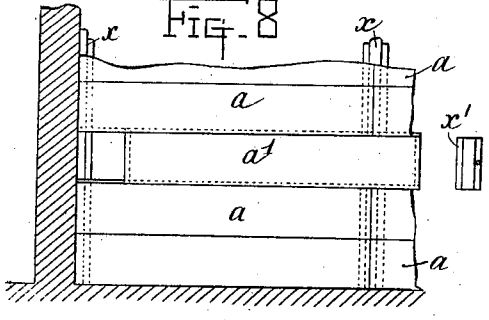
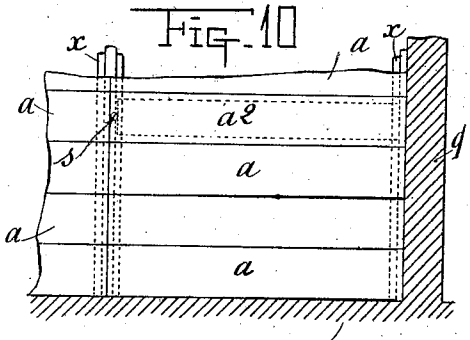


FIG. 10



Witnesses:
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R. Russell

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by
F. B. Singer
Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 735,969. Patented August 11, 1903.

UNITED STATES PATENT OFFICE.

PAUL BLAISE GUILHOU, OF PARIS, FRANCE.

SEPARABLE FLOORING, BOARDED CEILING, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 735,969, dated August 11, 1903.

Application filed December 28, 1901. Serial No. 87,548. (No model.)

To all whom it may concern:

Be it known that I, PAUL BLAISE GUILHOU, a citizen of the Republic of France, residing at Paris, in the Republic of France, have invented certain new and useful Improvements in Parquetry or Separable Floorings, Boarded Ceilings, or the Like, of which the following is a specification.

My invention relates to certain new and useful improvements in flooring and ceiling construction, the same being formed in sections which are keyed together.

In the accompanying drawings, Figure 1 is a fragmentary vertical cross-sectional view of a portion of my improvement. Fig. 2 is a modification thereof. Figs. 3, 4, 5, and 6 are detail views of the respective clamps. Fig. 7 is a view in perspective of one of the boards or panels. Fig. 8 is a plan view, partly in section, of a portion of the flooring or ceiling constructed in accordance with my improvement. Fig. 9 is a view in perspective of a modified form of board or panel; and Fig. 10 is a plan view, partly in section, of a portion of the flooring or ceiling in which the modified form of panel is shown in position.

h indicates one of the girders or I-beams, and *g* the joists supported thereon. These joists are clamped to the girders by means of clamps *l*, which have their upper ends provided with securing-nuts *o*, and being mounted or supported in brackets *n*, which are driven for a portion of their lengths into the joists. The lower ends *m* of these clamps are hooked, so as to embrace the top flange of the girders, which in Fig. 1, as heretofore stated, are I-beams. In Fig. 2, however, I have shown an ordinary wooden girder into which the hooked ends *m'* of the clamps are driven.

x indicates the keys of my improvement, which comprise longitudinal strips formed on their edges with tongues *e*. These strips are secured to the joists, as by screws.

p indicates leveling-blocks for ranging the keys when their bases are irregular.

a indicates the boards or panels, which are formed on one of their long edges with tongues *c* and on their opposite edges with grooves, whereby the series of panels will interlock and form neat joints. The ends of these panels are also grooved, as at *b*, to receive the tongues *e* of the keys, which are spaced apart at suitable distances throughout the width of the flooring or ceiling, as the case might be. The keys are provided with a removable section *x'*, and in operation these sections *x'* are removed and the panels *a* inserted through the spaces occupied thereby and slid along on the tongues *e*, so as to form a complete row.

In Fig. 2 I have shown the key *x* formed in its long edges with tongues *f* and grooves *e'*. This construction is preferred in certain constructions, inasmuch as the upper faces of the panels are caused to lie flush with the upper edges of the keys, and their ends are thus more fully protected from wear.

In lieu of providing the keys *x* with removable sections *x'* I have in Fig. 9 shown a panel in which this construction is dispensed with. The keys when this panel is employed have their ribs provided with cut-out portions, through which the respective panels are inserted.

The last panel a^2 (indicated in Fig. 9) when inserted in position is secured by a screw *s* or the like, which passes through its tongue *r* and engages the keys, as illustrated in Fig. 10 of the drawings.

Having thus fully described my invention, I claim—

In separable floorings of the type set forth, the combination with the girders of the joists removably clamped to the same, clamping means for holding the joists upon said girders comprising clamps having nuts secured to the upper end thereof and the lower ends of the clamps being hooked so as to engage the girders, keys secured to said joists, leveling means for said keys, interlocking panels and means to permit of the insertion and removal of the panels from said keys, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of December, 1901.

PAUL BLAISE GUILHOU.

Witnesses:
EDMOND LECOUTURIER,
EDWARD P. MACLEAN.