No. 792,520. PATENTED JUNE 13, 1905.

B. JUNGNICKEL.

SPRING BOTTOM FOR BEDS.

APPLICATION FILED APR. 28, 1904.

Fig. 1.

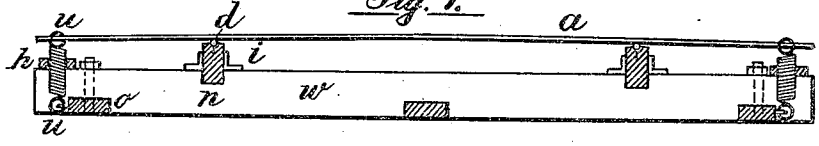


Fig. 2.

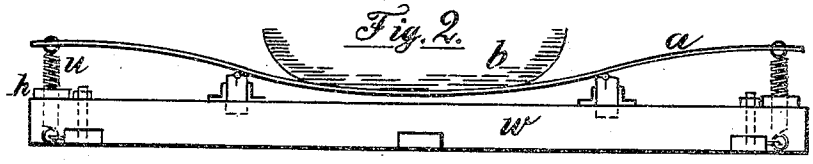


Fig. 3.

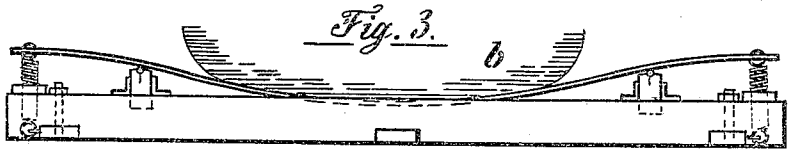
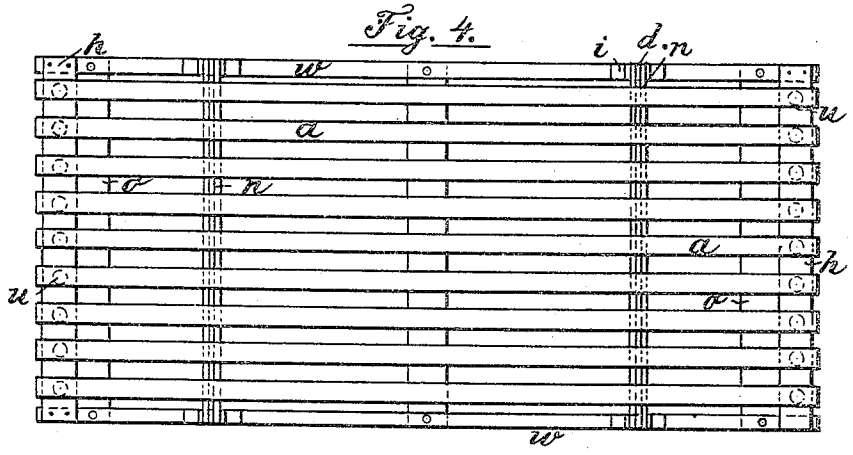


Fig. 4.



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No. 792,520. Patented June 13, 1905.

UNITED STATES PATENT OFFICE.

BERNHARD JUNGNICKEL, OF LANGENHORN, NEAR MÖNKEBÜLL, GERMANY.

SPRING-BOTTOM FOR BEDS.

SPECIFICATION forming part of Letters Patent No. 792,520, dated June 13, 1905.

Application filed April 28, 1904. Serial No. 205,422.

To all whom it may concern:

Be it known that I, BERNHARD JUNGNICKEL, a subject of the Emperor of Germany, residing at Langenhorn, near Mönkebüll, Germany, have invented certain new and useful Improvements in Spring-Bottoms for Beds, of which the following is a specification.

The object of my invention is an improvement in spring-bottoms for beds, according to which the ends of the longitudinal resilient slats are connected with springs and the slats are supported near their ends by cross-strips arranged upon the cheeks of the bottom-frame.

In the accompanying drawings, Figure 1 represents a longitudinal section through a bed-bottom not being loaded. Figs. 2 and 3 show in cross-sections the bed-bottom supporting a weight and the supporting-strips in different positions. Fig. 4 is a plan view of the spring-bottom.

a represents the slats of a bed-bottom, preferably made of wood, the ends of which are connected to the end of strong coil-springs *u*, which are fastened with their lower ends to the cross-rails *o*, connecting the cheeks *w* at their lower edges. The springs extend through openings in cross-strips *h*, mounted upon the top edges of the cheeks *w*, which prevent the springs yielding laterally when the slats are loaded. Supporting-strips *n* are mounted upon the top edges of cheeks *w* at any desired distance from the ends thereof and are secured to the cheeks by means of angle-pieces *i*. The upper edge of such strips *n* is mounted with wire *d* to prevent the creaking noise when the slats are depressed.

Having thus described my invention, what I claim, and desire to secure by United States Letters Patent, is—

A bed-bottom comprising resilient slats supported on cross-strips of the frame at any suitable distance from the ends and coil-springs at the ends secured with the lower end to the frame and with the upper end to the slats and cross-strips with perforations for the passage of the springs serving to guide the springs and prevent a lateral displacement, substantially as described.

In testimony whereof I affix my signature.

BERNHARD JUNGNICKEL.

In presence of—

G. HERMES,

JULIUS ROPKE.