United States Patent [19]

Smith

[11] **3,832,743**

[45] **Sept. 3, 1974**

[54] **BED SHEETS**

[76] Inventor: **Saundra L. Smith,** 3508 24th St. N.E., Washington, D.C. 20018

[22] Filed: **May 2, 1972**

[21] Appl. No.: **249,703**

[52] **U.S. Cl.** ..... **5/334 C,** 5/335

[51] **Int. Cl.** **A47g 9/00**

[58] **Field of Search** 5/344, 355, 334, 336

[56] **References Cited**

UNITED STATES PATENTS

2,210,210	8/1940	Kisilew	5/335
2,498,055	2/1950	Viet	5/334 R
2,576,207	11/1951	Belden	5/334 C
2,662,234	12/1953	Citron	5/334 C
2,695,414	11/1954	Ford et al.	5/334 C
3,066,321	12/1962	Kinter	5/334 C
3,083,378	4/1963	Pursell	5/334 C

Primary Examiner—Paul R. Gilliam

Attorney, Agent, or Firm—Blair & Brown

[57] **ABSTRACT**

The present invention relates to bed sheets of the type which include a fitted bottom sheet having portions which extend around and under the edges of the mattress to retain the sheet in its correct position on the mattress. A top sheet has a central portion thereof detachably secured to the foot of the fitted sheet to retain the top sheet in its position with respect to the fitted sheet and to prevent the top sheet from being pulled out by excessive force applied thereto. The top sheet and fitted sheet are secured together by a separable fastener such as a "Velcro" fastener or a zipper. The top sheet when disconnected from the fitted sheet will lie completely flat for laundering and pressing and the separable fastener on the fitted sheet is provided with a covering flap to prevent it from being contacted by the sleeper as well as to prevent damage to the fastener during laundering.

1 Claim, 6 Drawing Figures

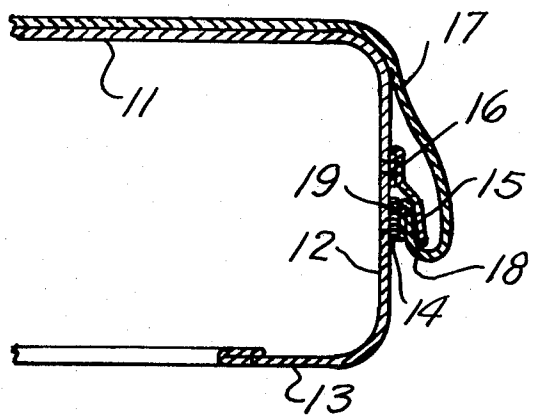


FIG. 1.

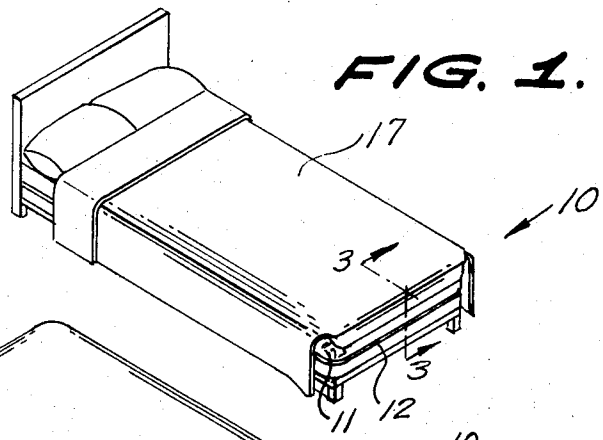


FIG. 2.

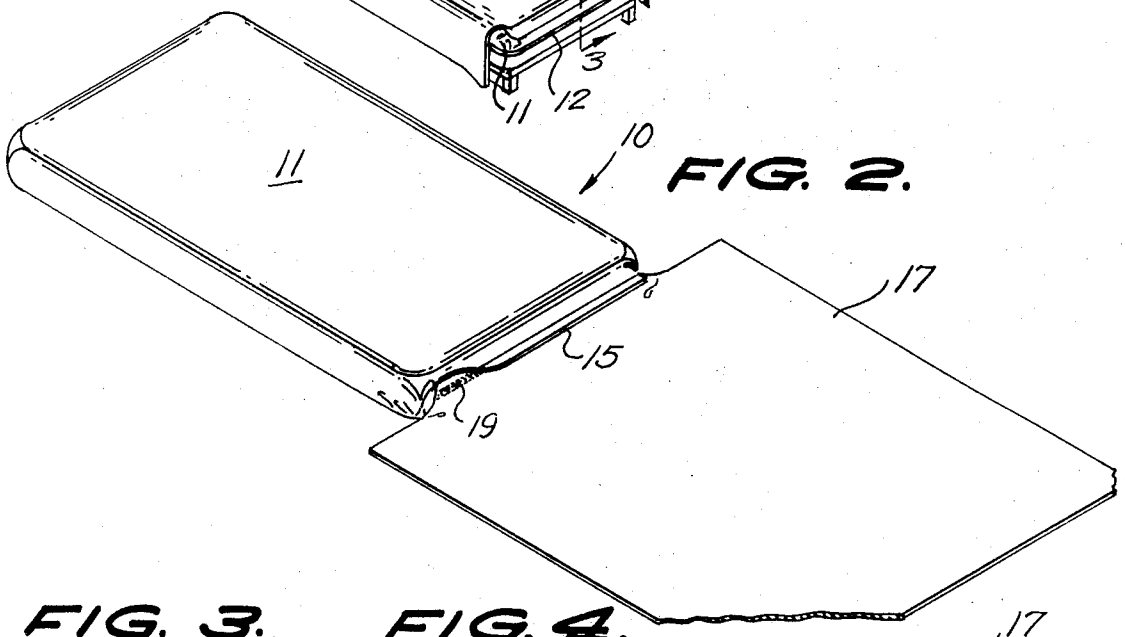


FIG. 3.

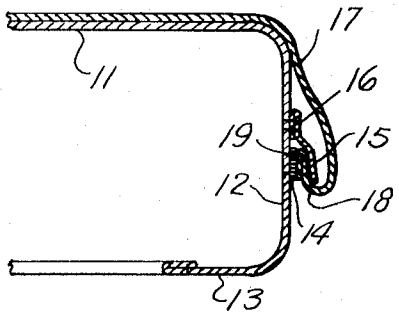


FIG. 4.

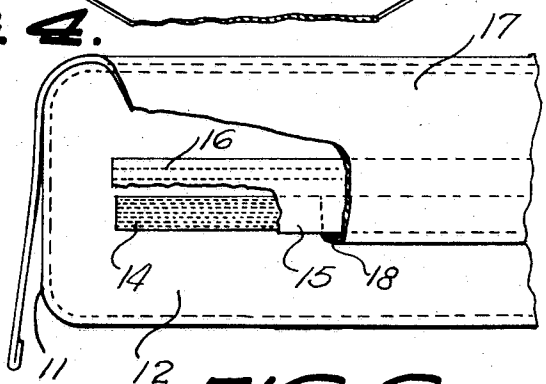


FIG. 5.

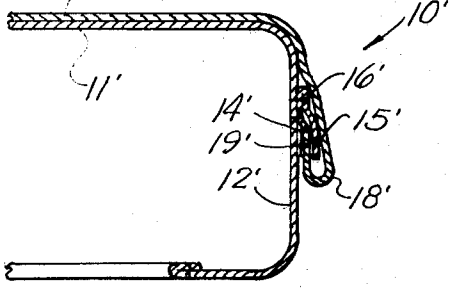
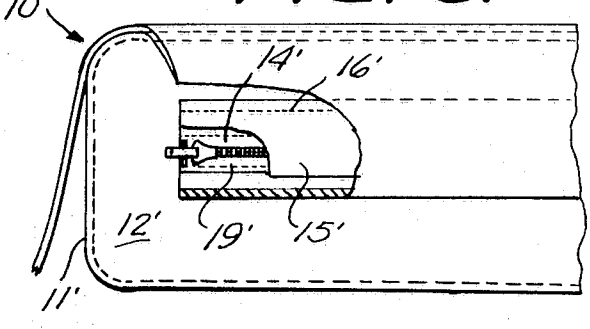


FIG. 6.



BED SHEETS

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to an interconnected sheet system for beds.

Summary of the Invention

The sheet system of the present invention includes a fitted bottom sheet and a top sheet detachably connected to the foot of the fitted sheet to secure the top sheet to the fitted sheet so as to prevent it from being pulled loose during the night.

The primary object of the invention is to provide a sheet system in which the top sheet is attached to the fitted bottom sheet to prevent it from being pulled loose during the night.

Other objects and advantages will become apparent during the following specification when considered in the light of the attached drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is a perspective view of the invention shown in place on a bed;

FIG. **2** is an enlarged fragmentary perspective view of the invention with the top sheet shown in flat condition;

FIG. **3** is an enlarged fragmentary sectional view taken along the line **3—3** of FIG. **1** looking in the direction of the arrows;

FIG. **4** is a fragmentary end elevation of the invention shown partially broken away and in section for convenience of illustration;

FIG. **5** is a sectional view similar to FIG. **3** of a modified form of the invention; and

FIG. **6** is a view similar to FIG. **4** of the modified form of the invention illustrated in FIG. **5.**

DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring now to the drawings in detail wherein like reference characters indicate like parts throughout the several figures the reference numeral **10** indicates generally a sheet system constructed in accordance with the invention.

The sheet system **10** includes a fitted sheet **11** having a depending wall **12** at the foot thereof and including a generally horizontal flap or bottom piece **13** which extends under the mattress to secure the fitted sheet **11** in place thereon.

The wall **12** of the fitted sheet **11** is provided with a Velcro fastener strip **14** which extends horizontally thereacross as can be seen in FIGS. **3** and **4.** A generally rectangular flap **15** is secured at **16** to the wall **12** and is arranged to overlie the Velcro fastener strip **14.**

A generally rectangular top sheet **17** has one edge **18** thereof provided with a Velcro fastener strip **19** which is adapted to cooperate with the Velcro fastener strip

14 to secure the top sheet **17** to the fitted sheet **11.** With the top sheet **17** in place on the fitted sheet **11** as seen in FIG. **1** the end portion **18** of the top sheet **17** completely encompasses the flap **15** so as to present a neat appearance.

In the use and operation of the invention the fitted sheet **11** is applied to the mattress in the usual manner and the top sheet **17** is then secured thereto by mating the Velcro strips **14** and **19** as shown in FIG. **3** and then completing the making of the bed in the usual manner. The top sheet **17** being secured to fitted sheet **11** will not readily detach therefrom and will resist pulling out at the foot as is conventional with ordinary sheets.

In FIGS. **5** and **6** a modified form of the invention is illustrated including a sheet system **10'**. The sheet system **10'** includes a fitted bottom sheet **11'** having an end wall **12'** with one-half of a zipper **14'** secured thereto and extending thereacross. A flap **15'** is secured at **16'** to the end wall **12'** to cover the zipper half **14'**.

A top sheet **17'** has one end portion **18'** provided with a zipper half **19'** adapted to cooperate with the zipper half **14'** on the end wall **12'**.

The use and operation of the invention illustrated in FIGS. **5** and **6** is identical to that of the invention illustrated in FIGS. **1** through **4** with the only change being the substitution of a zipper **14'** and **19'** for the Velcro fastener **14, 19** of the preferred form of the invention.

By attaching the stop sheet **17** to the fitted sheet **11** prior to applying the fitted sheet **11** to the bed, the sheet system **10** can be applied in a single operation instead of the two operations normally required. Such saving in operations is extremely practical in hospitals, dormitories, hotels and other institutions wherein a number of beds must be made daily.

Having thus described the preferred embodiments of the invention it should be understood that numerous structural modifications and adaptations may be resorted to without departing from the spirit of the invention.

I claim:

1. In a bed sheet system, a fitted bottom sheet having a depending side wall at the foot thereof, the side wall having a generally horizontal bottom piece for engaging under a mattress, said side wall having a fastener strip of hooks or loops extending horizontally thereacross, a generally rectangular flap having its upper edge secured to said side wall and said flap overlying the fastener strip, a generally rectangular flat top sheet having an edge portion, and said edge portion having a separable fastening strip of hooks or loops for detachably securing the edge portion of said top sheet to the fastener strip on the side wall, and with the top sheet in place on the fitted bottom sheet, the edge portion of the top sheet completely encompasses the flap to present a neat appearance.

* * * * *