

May 26, 1942.

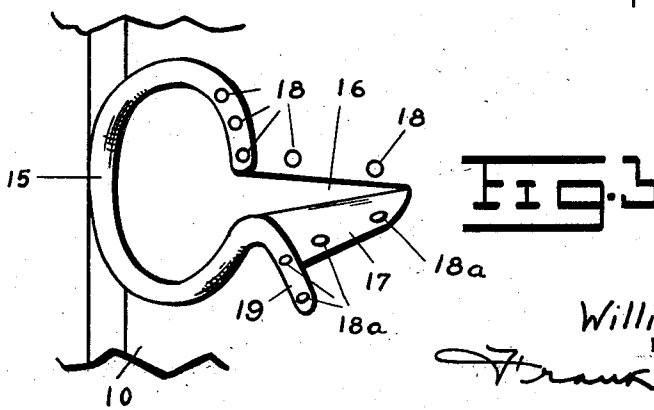
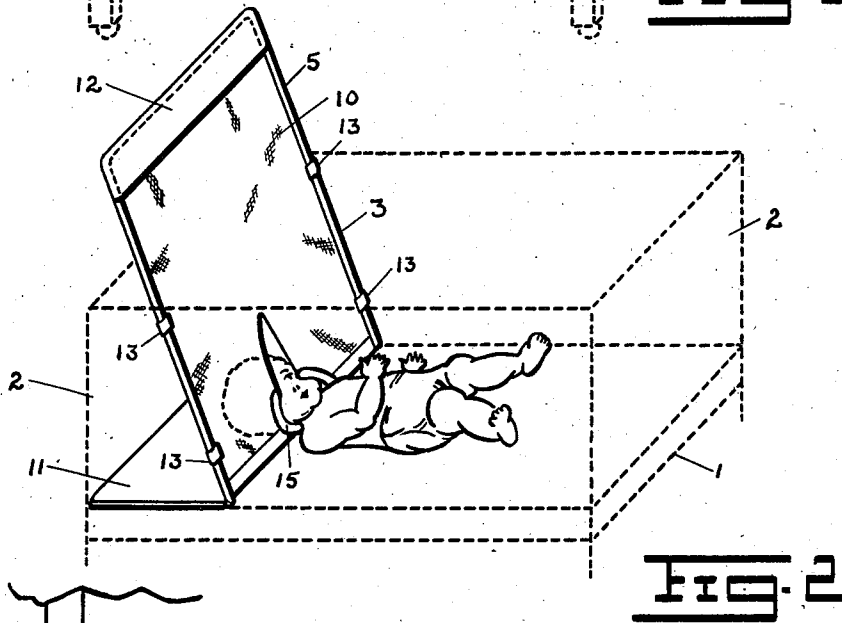
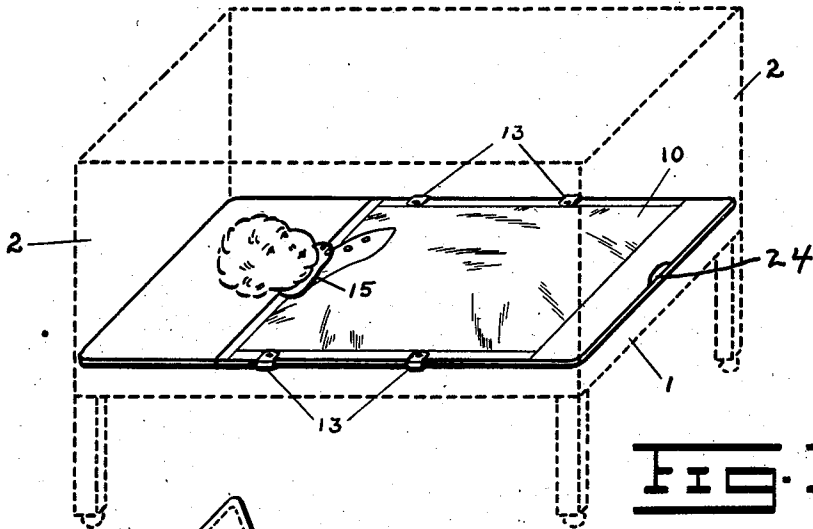
W. H. REINHOLZ

2,284,448

BABY SLEEPING BAG OR SLEEPING COVER

Filed Sept. 30, 1939

3 Sheets-Sheet 1



INVENTOR
William H. Reinholz
BY
Frank Kiefer
ATTORNEY

May 26, 1942.

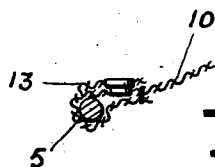
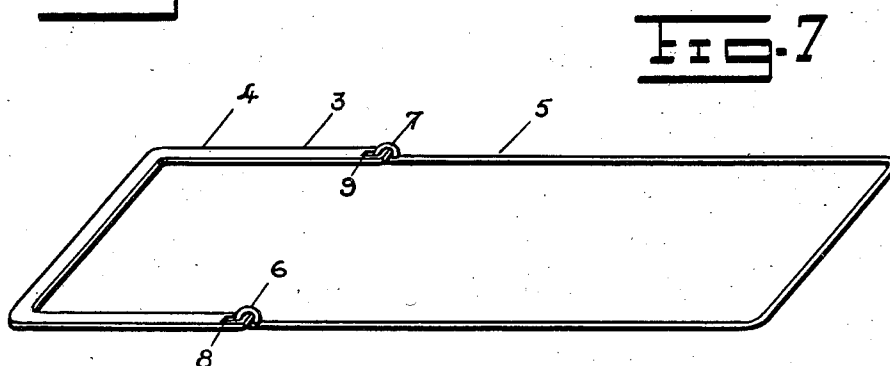
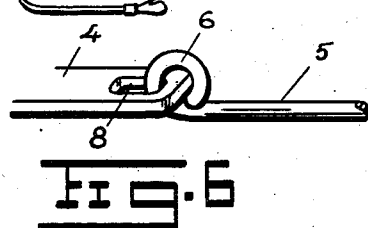
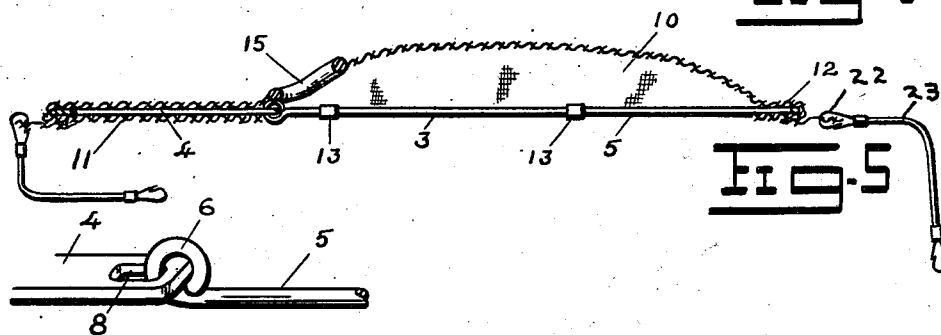
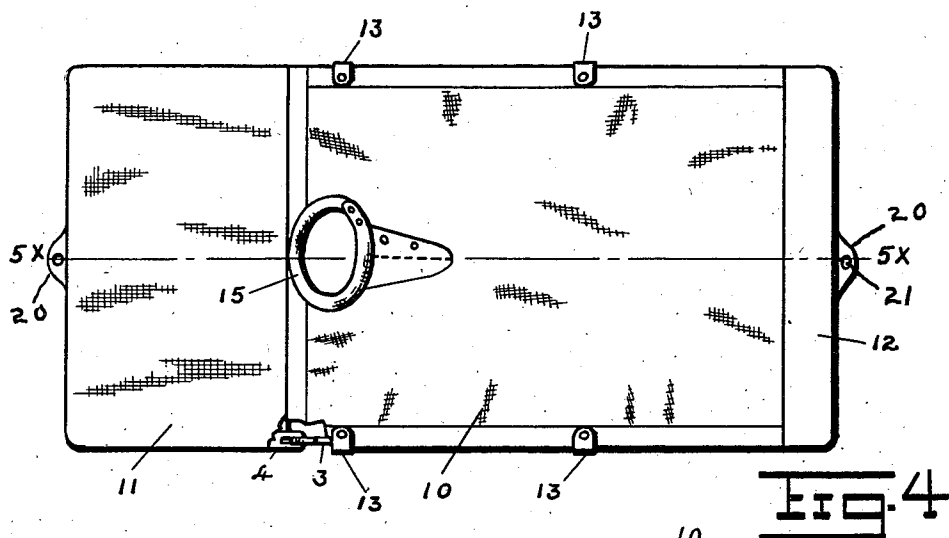
W. H. REINHOLZ

2,284,448

BABY SLEEPING BAG OR SLEEPING COVER

Filed Sept. 30, 1939

3 Sheets-Sheet 2



INVENTOR
William H. Reinholz

BY

BY *Frank Keifer*
ATTORNEY

May 26, 1942.

W. H. REINHOLZ

2,284,448

BABY SLEEPING BAG OR SLEEPING COVER

Filed Sept. 30, 1939

3 Sheets-Sheet 3

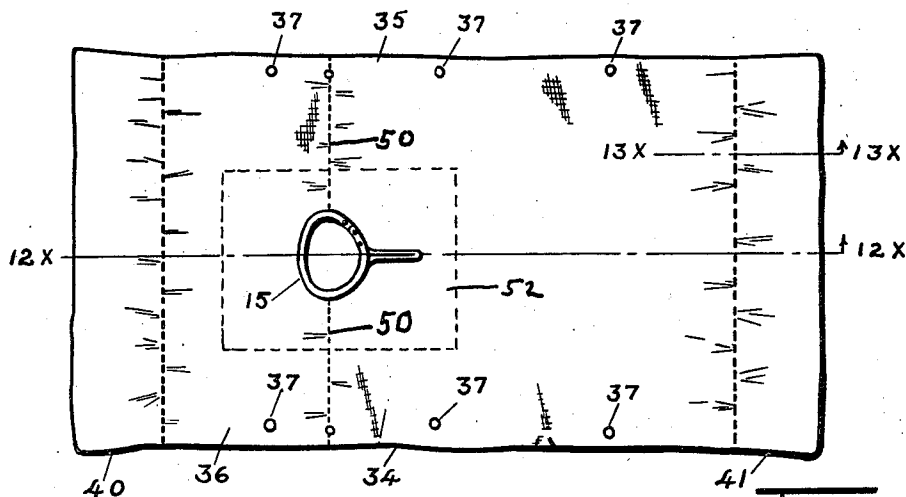


FIG. 9

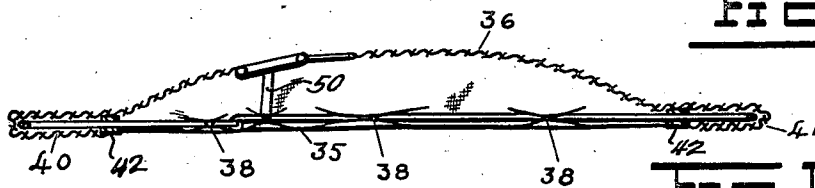


FIG. 12

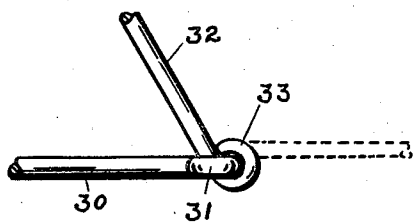


FIG. 11

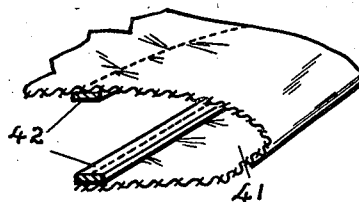


FIG. 13

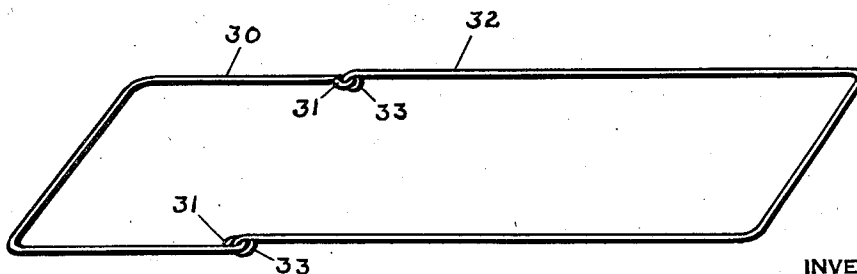


FIG. 10

INVENTOR
William H. Reinholz
BY
Frank Kiper
ATTORNEY

UNITED STATES PATENT OFFICE

2,284,448

BABY SLEEPING BAG OR SLEEPING COVER

William H. Reinholz, Irondequoit, N. Y.

Application September 30, 1939, Serial No. 297,386

10 Claims. (Cl. 5—336)

The object of this invention is to provide a new and improved form of baby's sleeping cover or sleeping bag.

Another object of the invention is to provide a sleeping cover that is adapted to be used in a crib and which will hold the baby in place in the crib without possible injury to the baby.

Another object of the invention is to provide a sleeping cover that is readily applied to both the crib and the baby.

Another object of the invention is to provide a sleeping cover in which the fabric of the bag can be easily removed, and washed, and put back in place on the metal frame which holds it.

Another object of the invention is to provide a sleeping cover with a metal frame made in two parts, which are suitably jointed together to best serve its purpose.

These and other objects of the invention will be illustrated in the drawings, described in the specification, and pointed out in the claims at the end thereof.

In the drawings:

Figure 1 is a perspective view of the crib with the baby's sleeping cover therein, and the baby shown in place therein.

Figure 2 is a perspective view of the crib and sleeping cover, showing the lower end of the sleeping cover raised to permit the easy insertion of the baby therein, or the removal of the baby therefrom.

Figure 3 is a detail view of the collar of the baby's sleeping cover, the collar being shown open.

Figure 4 is a top plan view of the sleeping cover in the crib, the baby being omitted.

Figure 5 is a longitudinal sectional view on the line 5x—5x of Figure 4, showing the position that the sleeping cover will assume after the baby is in place therein.

Figure 6 is a perspective view, enlarged, of one of the hinge joints between the two halves of the double frame which holds the sleeping cover in place.

Figure 7 is a perspective view of the complete metal frame which holds the sleeping cover in place.

Figure 8 is a detail view of one of the straps by which the fabric is fastened to the metal frame.

In Figure 9 I have shown a top plan view of a modified form of the sleeping cover.

In Figure 10 I have shown a modified form of the metal frame for the sleeping cover.

Figure 11 shows the metal frame partly broken away, with the lower part of the frame in a raised position.

Figure 12 is a sectional view of the modified form of the metal frame and the sleeping cover

therewith, the section being taken on the line 12x—12x of Figure 9.

Figure 13 shows a section through the cover on the line 13x—13x of Figure 9.

In the drawings like reference numerals indicate like parts.

In the drawings reference numeral 1 indicates an ordinary crib having four sides 2, 2 extending above the mattress a suitable distance, which sides are indicated in dotted lines as shown in Figures 1 and 2. It will be understood that the sides leave the crib open at the top.

Loosely placed in the crib on the mattress is a metal frame 3, shown in Figure 7, which frame consists of the two parts 4 and 5 suitably hinged together at 6 and 7. The one end of this frame is made preferably of flat stock as indicated at 4, rectangular in cross section, while the other end of the frame 5 is preferably made of round stock. Both the sections 4 and 5 are U-shaped. The ends of the section 4 are perforated with holes or slots 8 and 9, and the ends of the section 5 are bent to form eyes which engage with these slots and form a hinged joint therewith.

This frame 3 is long and wide enough to make a loose fit inside the crib with the sides of the crib, so that it will rest on the mattress and will not move endwise or sidewise in the crib to any considerable extent.

On this metal frame is placed a fabric covering 10, at one end of which is a wide pocket 11 which fits over the section 4, and at the other end is a narrow pocket 12 which fits over the lower end of the section 5. On the sides of the fabric covering are placed straps 13, 13, one end of which is fastened to the fabric. The other end of each of these straps extends around the bar of which the section 5 is formed. The free end is provided with one part of a snap fastening, the other part of which is fastened on the fabric or the other end of the strap. This makes it possible to place the cover in place easily by inserting the pockets over the ends of the frame when the frame is in the position shown in Figure 2, after which the frame can be placed in the position shown in Figures 1, 4, 5 and 7, and the straps can be passed around the frame and the ends fastened together by the snap fastenings on the straps.

As indicated in Figures 1, 2, 3, 4, 5, and 9, the cover is provided with an opening surrounded by a collar in circular or oval form, which collar is held against kinking or collapsing, as will be hereinafter described, so that the baby can turn its neck freely therein without danger of the collar binding or collapsing enough to interfere with the baby's breathing or comfort otherwise.

The cover is slit as indicated at 16 and is provided with a flap 17 which folds over the body of the cover and is fastened thereto by snap fasteners 18 and 18a, as indicated in Figures 3 and 4. The collar 15 itself is provided with a loose end

19 that overlaps the body of the collar 15 and is fastened thereto by snap fasteners 18 and 18a.

The use of this device may be described as follows: The fabric covering 10 is put in place on the frame 3 by first inserting the wide pocket 11 on the section 4 and by inserting the narrow pocket 12 on the section 5. This can be done with the frame outside of the crib or with the frame in the crib. With the frame and fabric cover assembled in the crib, the section 5 is placed in the position shown in Figure 2. The baby is then laid in the crib with its head projecting through the opening surrounded by the collar 15. The section 5 is then brought down to the position shown in Figures 1, 4 and 7. The collar can then be closed and the baby's head is securely held in place thereby, although the baby is given ample room in which to wriggle, and twist, and turn.

A blanket can be placed over the section 5 of the frame and tucked under the mattress, by which the combination and the baby will be held securely in place.

In Figure 4 I have shown a tab or an extension 20 on each end of the sleeping cover. In each of these tabs there is a buttonhole or an eyelet 21. In this buttonhole or eyelet can be engaged a spring snap 27, shown in Figure 5, which is on one end of a cable or safety belt 23. On the other end of this belt is a similar spring snap. These safety belts can be attached to the tabs 20 when the sleeping cover is placed on a crib and extended around under the mattress and attached to the spring under the mattress. These belts will keep the baby from lifting either end of the frame or the sleeping cover. It will also be understood that the strap can be fastened directly to the frame instead of to the tab. A little hole can be left in the end of the sleeping cover for this purpose, and such a hole is shown at 24 in Figure 1.

It will also be understood that with these safety belts this sleeping cover can be placed on a full-size bed and fastened in place, so that the frame cannot move on the bed, in which case the safety belt would have to be somewhat longer than the belt ordinarily used on the crib.

When the safety belt is used, it will be sufficient to unhook the belt at the end adjacent to the lower end of the frame, and then raise the lower end of the frame for the purpose of placing the baby in place, and then lower the frame and attach the safety belt to it.

In Figure 10 I have shown a modified form of the metal frame in which round stock is used for both sections of the metal frame. The short section 30 has eyes 31, 31 formed therein which lie horizontal or in the plane of the section 30, and the long section 32 has eyes 33 formed therein which are at right angles to the plane of the frame. When the frame 32 is raised to the position shown in Figure 11, it is supported in that position by the member 30. This facilitates the placing of the cover on the frame and the removal of it therefrom, and it also facilitates placing the baby in the crib and inserting its head through the collar 15, as is shown in Figure 2.

As shown in Figures 9 and 12, the margins 34 and 35 of the cover 36 are turned under the frame and are provided with snap fasteners 37, the male and female parts of which are suitably spaced apart in two rows. The edge of the cover folds under the metal frame and the member of the fastener on the outer edge is inserted in

the member 37 in the body from below and is fastened therein. These fasteners are indicated in Figure 12 at 38, 38, 38, in which the far edge of the cover is shown folded under the frame and joined to the snaps carried in the body of the cover.

In Figures 9, 12 and 13 I have shown pockets 40 and 41 at the opposite ends of the cover. The exposed edge of the pocket in each case is bound with an elastic strip 42 which is continued around and fastened to the body of the cover, as is shown in Figures 12 and 13. When the elastic strip is sewed to the cover the elastic strip is stretched, and when the strip is released the cover is gathered thereby, so to speak, so that ample slack is provided therein, so that the cover can be raised and accommodate itself to the body of the baby that is placed thereunder. This is shown more especially in Figures 9 and 12. By making the cover in this way it can be made all in one piece.

It will also be understood that the elastic binds the pocket all around and makes the pocket fit the frame closely and take hold thereon, so that the pocket or the cover of which it forms a part cannot be pulled off of the frame by the baby.

It will also be understood that the safety belts shown in Figure 5 can be used in connection with the frame and cover shown in Figures 9 to 13, inclusive, or a spring clamp may be used that will encircle the frame and clamp the fabric. The clamp may be tied to the frame of the crib or the spring underneath the mattress in any suitable way, permitting the blanket to be tucked in under the mattress.

It will also be understood that this frame can be used on a large size bed, or even on a small size bed, and can be fastened in place with safety pins.

It will also be understood that while the pockets 11 and 12 are shown on the under side of the cover in the drawing, the cover may be made with the pockets on the top of the cover.

It will also be understood that the cover is made with slack, so that it will yield upwardly for the baby's body, as is shown in Figure 5, at the lower end, and the upper end can also be made with this same slack, so that it will yield when the baby's arms are raised.

It will also be understood that the collar is closed around the baby's neck, two fasteners being shown on one side and three fasteners being shown on the other side. This permits the size of the collar to be adjusted to suit various requirements.

To help hold the collar 15 open to its fullest diameter and to help keep it in the approximately circular shape in which it was cut and made, and to further help prevent the formation of kinks or binding during the use of the cover, I have sewed elastic tapes or strips 50 onto the under sides of the cover along a line bisecting the circular section of the collar. Each elastic tape is cut just a trifle shorter than the shortest distance between the side of the frame and point on the circumference of the collar as indicated in the drawing. When it is sewed it is stretched and this gathers in the fullness of the cover as shown. Snap fasteners are provided at the outside ends of the elastic so that the cover may be secured to the side rails of the frame at this point, in order to further help hold the collar in position. The collar itself has a small core of soft cotton cord, such as has been commonly used for many years as binding in the making of babies' garments, and in combination with the

elastic on both sides of the collar it will give the desired result of safety and comfort to the baby so that the baby can twist, turn, wriggle, or crouch without danger of any difficulty in breathing.

It will also be understood that the upper part of the cover, that is, the part above the elastic strips, can be made of heavier and stiffer material, or that part of the cover can be reinforced with heavier or stiffer material, or a patch 52 (shown in dotted lines in Figure 9) of heavier or stiffer material can be put on the under side of the cover surrounding the collar with a suitable opening therein for the collar.

I claim:

1. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside a rectangular crib, said frame being made of two U-shaped sections hinged together, a fabric cover suitably connected to said frame, said cover having an opening therein located centrally of the long axis of the cover and adjacent to the hinged joints of the frame, through which opening the baby's head can be placed, a collar around said opening, a slit in the fabric cover extending down from the collar into the cover.
2. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside a rectangular crib, said frame being made of two U-shaped sections hinged together, a fabric cover suitably connected all around to said frame, said cover having an opening therein through which the baby's head can be placed, the end of one of said U-shaped sections and cover being adapted to be raised on the other section for the purpose of placing the baby's body under cover at that end and placing the baby's head through the opening in the cover on top of the cover at the other end.
3. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of U-shaped sections of unequal length hinged together, a fabric cover having a pocket at each end thereof adapted to fit over the ends of the frame when one section stands at right angles to the other section, said cover being positively held on the two sections when the sections are in line with each other, an opening in the fabric cover through which the baby's head can extend, said opening being in line with the hinges joining the two sections.
4. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of U-shaped sections of unequal length hinged together, a fabric cover having a pocket at each end thereof adapted to fit over the ends of the frame when one section stands at right angles to the other section, said cover being positively held on the two sections when the sections are in line with each other, an opening in the fabric cover through which the baby's head can extend, said opening being in line with the hinges joining the two sections, and means for fastening the sides of the cover to the sides of the frame.
5. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together, said sections being of unequal length, said sections normally being in a horizontal position, one of said sections being adapted to be supported by the other section in a raised position, the cover being loosely held on said frame when one of the sections is in raised position and being firmly held on the frame when the sections are in line with each other, an opening for the baby's head and neck in said cover adjacent to a line that connects the hinges of the two U-shaped sections.
6. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together, said sections being of unequal length, a fabric cover having a pocket at each end thereof adapted to fit over the ends of the frame, an elastic binding around the edge of the pocket which makes the pocket take hold on the frame, the cover being loosely held on said frame when one of the sections is in raised position and being firmly held on the frame when the sections are in line with each other, an opening for the baby's head and neck in said cover adjacent to a line that connects the hinges of the two U-shaped sections.
7. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together, said sections being of unequal length, a cover attached at its edges all around to said frame, a collar in said cover large enough to permit the passage of a baby's head therethrough and means for detachably holding said cover on the frame when one of the sections is held in an upright position, said means positively holding the cover on the frame when the sections are in line with each other.
8. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together and being of unequal length, a fabric cover held on said frame, an opening for the baby's head and neck in said cover adjacent to a line connecting the hinges that connect the two U-shaped sections.
9. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together, a fabric cover having a non-elastic pocket at each end thereof adapted to loosely fit over the ends of the frame, said U-shaped sections being of unequal length, said fabric cover being removable from the sections when they are at right angles to each other and being positively held on the sections when they are in line with each other, an opening for the baby's head and neck in said cover adjacent to a line connecting the hinges that connect the two U-shaped sections.
10. A sleeping cover for babies comprising a rectangular frame adapted to loosely fit inside of a rectangular crib, said frame being made of two U-shaped sections hinged together and being of unequal length, a fabric cover held on said frame, an opening for the baby's head and neck in said cover adjacent to a line connecting the hinges that connect the two U-shaped sections, pockets at each end of the cover adapted to fit over the ends of the rectangular frame, said pockets being elastic across the frame but being non-elastic lengthwise of the frame so that it cannot be pulled off the frame when the frame is lying flat.

WILLIAM H. REINHOLZ,