April 4, 1967 M. I. GOLDBERG 3,311,934

PORTABLE BASSINET

Filed April 27, 1965

Fig. 1

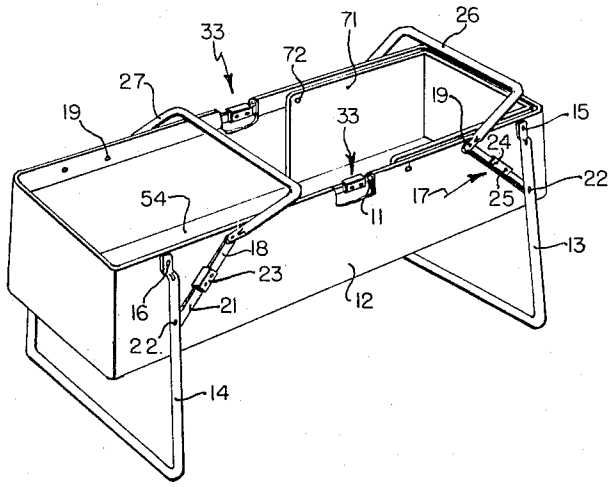
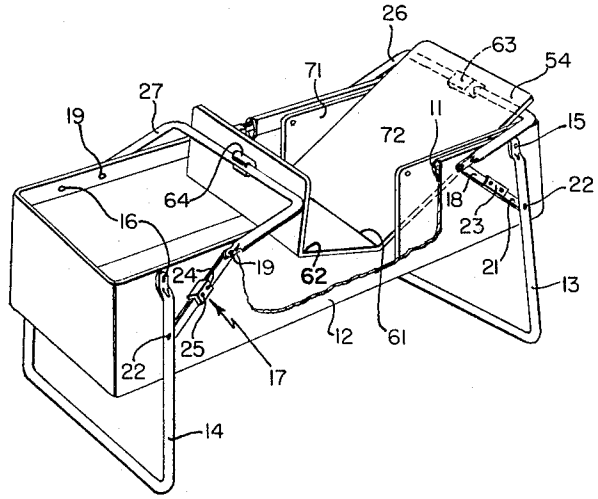


Fig. 2



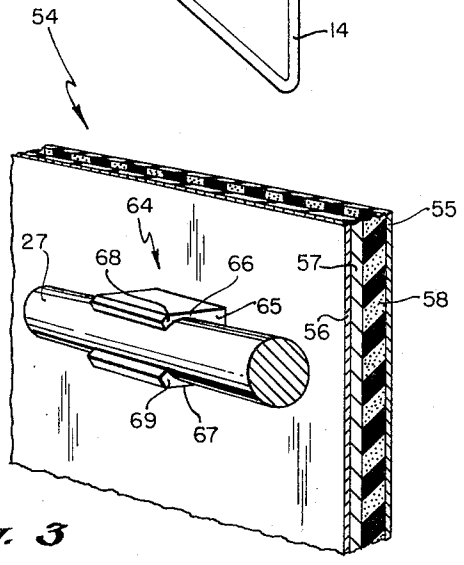


Fig. 3

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PORTABLE BASSINET

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This invention relates to an infant's portable bassinet of a type especially adapted for use both as a feeder and a sleeper. It especially relates to the provision in such a bassinet of means for positioning the mattress element thereof in such manner as to provide a reclining support for an infant.

Portable bassinets are widely used to carry small infants especially when away from home. They are light in weight and fold when not in use to a compact flat package. They are provided with leg elements so that they will stand off of the floor or ground to protect the child from drafts, pets, etc. and so that they may be placed on an available surface such for example, on a seat, a sofa or a table; or on a lawn or beach. Such bassinets are normally provided with a pair of carrying handles so that the bassinet even while holding the infant may easily be moved from one place to another.

It is an object of this invention to provide such a bassinet with a mattress member adapted optionally either to extend flat in the bottom portion of such a bassinet, or to cooperate with the carrying handles thereof to provide a reclining support adapted to support the infant in a reclining feeding position. It is a further object of this invention to provide such a portable bassinet with removable padded lining means adapted to cooperate with the walls of said bassinet and with said mattress member.

These and other objects of this invention may be better understood by reference to the following description of the invention and to the drawings, in which:

FIG. 1 is a perspective view of the portable bassinet;

FIG. 2 is a perspective view similar to FIG. 1 but partially in section and showing the mattress member in its alternate inclined position; and

FIG. 3 shows in perspective a portion of said mattress member.

The portable bassinet of the present invention comprises a rectangular rigid metal frame member **11** and a body member **12** of a suitable flexible fabric or plastic coated fabric. Body member **12** is conveniently fastened to frame **11** by passing the upper portion of the fabric forming body member **12** over the top of frame **11** and folding and attaching this portion back on the main portion of the body member **12**. Body member **12** is generally rectangular in shape of similar dimensions to frame **11** with upstanding side walls of substantial depth in the order of 8 inches. In a typical bassinet frame member **11** is 13½" wide and 30½" long.

Generally U-shaped leg members **13** and **14** preferably formed of tubing are provided with the free end of the U-shaped leg member pivotally mounted at **15** and **16** respectively to the side of frame member **11** adjacent the opposite ends of the sides thereof in such manner that the bottom portion of each U-shaped leg member **13** and **14** extends generally parallel to the end portion of frame **11**. In a typical bassinet pivots **15** and **16** are located about 3" from the end of frame **11** and leg members **13** and **14** are about 15" high and 16" wide.

A folding brace member **17** is provided at each intersection of a free end of leg member **13** and **14** with frame member **11**. Brace member **17** is adapted to hold leg **13** or **14** as the case may be in a locked position wherein they extend generally perpendicular to frame **11**, but is adapted to fold to permit the leg members **13** or **14** to fold inwardly around pivots **15** or **16** to a position generally parallel to frame **11**. Each said brace member

17 comprises a flat member **18** pivotally mounted at **19** to frame **11** typically at a position about 4½" from pivot **15** or **16**, a strap member **21** pivotally mounted at **22** to the side of leg **13** or **14** and a connecting member **23** which connects strap **18** to strap **21**.

Connecting member **23** is an elongated U-shaped member adapted, when viewed in section, to pass up one side of either strap member **18** or strap member **21** across the top and down the other side. Connecting member **23** is of sufficient length to cover a substantial portion of the free ends of strap members **18** and **21**. The free end of both strap members **18** and **21** is rounded at a radius, and the respective free ends of both straps **18** and **21** are pivotally mounted to an intermediate portion of connecting piece **23** through the center of such radius as indicated at **24** and **25** respectively. Thus mounted connecting member **23** not only hingedly connects the straps **18** and **21** but also acts as a locking member since each of the strap members **18** and **21** is free to pivot relative to connecting member **23** in only one direction, but is prevented from pivoting relative to connecting member **23** when the upper side of the respective strap member **18** or **21** comes in contact with the upper portion of connecting member **23**.

A pair of carrying handles **26** and **27** which are preferably made of tubing are provided. Each carrying handle **26** and **27** is a U-shaped member with the free ends pivotally mounted from side to side on frame **11**. Carrying handles **26** and **27** are conveniently mounted at pivots **19**. Preferably carrying handles **26** and **27** are so proportioned that the connecting portion thereof, i.e., the base of the U, is in overlying contact with the respective ends of frame **11** when the handles are folded outwardly flat against frame **11**. In a typical bassinet handles **26** and **27** are 7½" high and 14½" wide.

Frame **11** may, if desired, be formed of two generally U-shaped members **28** and **29** joined at their free ends to form the rectangular frame **11**. Half frame members **28** and **29** may conveniently be joined by a connecting member **33** which holds half frame elements **28** and **29** together rigidly.

The bassinet of the present invention is provided with a mattress member **54** adapted to be removably inserted in the bottom of body member **12**, and to lie flat adjacent thereto. Mattress member **54** comprises an upper covering **55** preferably formed from a flexible plastic coated fabric or plastic material, a lower covering **56** of similar fabric or material, a rigid or semi-rigid backing member **57** and a padding element **58** located between backing member **57** and upper covering **55**. Padding element **58** may be formed of sponge or foamed elastomers (as shown in FIG. 3) or preferably from vegetable fibers or animal hair. The upper covering **55** and the lower covering **56** are preferably joined around the periphery of backing member **57** in such manner that a slight degree of slack exists around the edges. It is understood, of course, that upper covering **55** and lower covering **56** could, if desired, be formed from a single piece of fabric or material folded back on itself, or otherwise suitably shaped.

Backing member **57** while essentially rigid or semi-rigid, is provided with two laterally scored or hinged portions at **61** and **62** as indicated in FIG. 2 adapted to permit mattress member **54** to fold toward the padding **58** along these said portions. In a typical mattress member **54** which is 30 inches long fold line **61** is located about the mid-point or about 15 inches from each end of mattress member **54**. Fold line **62** is located about 6 inches from one end. Thus mattress member **54** is divided into three parts, one extending about 50 percent of its total length, a second intermediate portion between fold line **61** and **62** extending about 30 percent of the total length, and a final end portion between fold line **62** and

the adjacent end extending about 20 percent of the total length.

The back side of mattress member **54** is provided near the respective ends thereof with fastening means **63** and **64** adapted to releasably engage handles **26** and **27** respectively. As shown in detail in FIG. 3 each said fastening means **63** and **64** preferably comprises a base **65** and two upstanding arm portions **66** and **67** mounted on said base. Upstanding arm portions **66** and **67** are separated from each other by a distance equal to the diameter of handle **26** or **27**. Each arm portion **66** and **67** near the end thereof is provided with an inwardly extending second portion **68** and **69** respectively whereby the gap remaining between the facing edges of second portion **68** and **69** is less than the maximum diameter of handles **26** or **27**, whereby handles **26** and **27** will snap into engagement with fastening means **63** or **64** and be retained firmly therein. Fastening means **63** and **64** are preferably formed from a flexible plastic material and are attached to backing member **57** of mattress **54** by means such as rivets (not shown). In a typical mattress member 30 inches long fastening means **63** and **64** are located midway between the two sides of mattress member **54** with fastening means **63** located with a central axis about 1¾ inch from its respective end, and fastening means **64** located with a central axis about ¾ of an inch from its respective end.

When located as showin in FIG. 2 with fastening means **63** in engaging contact with handle **26** and fastening means **64** in engaging contact with handle **27** while both handles are resting flat against frame **11**, the long portion of mattress member **54** provides a sloping back support for the infant, while the short portion which depends substantially vertically from handle **27** prevents the infant from sliding around. This provides a desirable position for feeding the infant.

To prevent contact between frame **11** and the infant while the infant is in the reclining feeding position, a removable side pad **71** may be provided. Side pad **71** which comprises in essence a fabric, plastic or plastic-coated fabric envelope filled with padding material is adapted to extend across one end of frame **11** and a substantial distance down both sides of the bassinet between a point near the base of body member **12** and the top of frame **11**. Cooperating fastening means such as snap fasteners **72** are provided mounted on body **12** and on a cooperating portion near the ends of pad **71** to keep pad **71** in the desired position.

I claim:

1. In an infant's portable bassinet of the type comprising a frame, leg members suporting said frame, a flexible body member suported by said frame, and a pair of carrying handles pivotaly mounted on said frame and having a removable mattress element comprising a cover, a resilient padding member and a substantially rigid base portion, said mattress element adapted to cooperate with said body member and normally to lie flat therein forming the bottom thereof, means for positioning the mattress element therein in such manner as to provide a reclining support for an infant said means comprising two transverse hinge means provided in the base portion of said mattress element one said hinge means located approximately midway between the two ends thereof and the other said hinge element located approximately midway between the first said hinge element and the adjacent end of said mattress element, said hinge element being adapted to permit the mattress element to be bent along said hinge portions at least toward said padding member and a pair of fastening means affixed to said base portion, on the side thereof away from said mattress element, one near each end thereof, each said fastening means adapted to cooperate with said carrying handles to retain said mattress element in the bent position.

2. An infant's portable bassinet as claimed in claim **1** wherein said fastening means each comprise a generally U-shaped member formed of a resilient material with the arms thereof spaced apart sufficiently to receive said handles, said arms each having an inwardly enlarged portion near the end thereof, the clearance between said opposing enlarged portions being less than the width of the said handles.

3. An infant's portable bassinet as claimed in claim **1**, wherein a flexible, padded, removable liner element adapted to extend across the back and part way down both sides of said body member is provided, said liner element being provided with a pair of fastening members, one near each end thereof, and said body member provided on each side thereof with a cooperating fastening member.

References Cited by the Examiner

UNITED STATES PATENTS

2,277,406	3/1942	Mahr	5—98
2,636,190	4/1953	Avila	5—98.2
2,709,478	5/1955	Golding et al.	5—94
2,990,007	6/1961	Kessler	297—457

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