SUMMARY

According to one aspect, there is provided an infant mattress comprising: a core mattress made from a resilient material comprising a bottom surface and a top surface which is inclined with respect to the bottom surface, the top surface comprising a first depression sized to at least partially accept the torso and head of an infant; and a fabric, bag-shaped mattress cover removably disposed around the core mattress and comprising a first fabric forming a first mesh disposed across at least a portion of the depression, the first mesh forming a hammock suspended over a bottom surface of the depression and onto which the head, torso or both of the infant may be disposed and thereby suspended over the depression or hole.

Various embodiments disclose an infant mattress that includes a core mattress having top and bottom surfaces and a mattress cover. The top surface has a first depression sized to at least partially accept the torso and head of an infant. The mattress cover includes a mesh material to cover at least a portion of the depression. The mesh material forms a hammock over the bottom surface of the depression, and at least the torso and head of the infant may be disposed on this hammock.

In preferred embodiments the mattress cover forms a bag-like structure into which the core mattress id disposed. In such embodiments the mattress cover may further comprise a closing mechanism to close an opening of the bag-like structure.

In various embodiments at least one sidewall of the first depression comprises an opening for providing air or aerosols to the depression. An external end of the opening may be adapted to connect to a supply tube that supplies air, oxygen, aerosols or combinations thereof to the cavity formed by the first depression.

In various preferred embodiments the top surface is inclined with respect to the bottom surface. An anterior end of the first depression includes a stopping surface that abuts against the buttocks or upper legs of the infant to prevent the infant from sliding towards the anterior end of the infant mattress.

In some embodiments the infant mattress further includes a stiffening system to impart rigidity to the core mattress. The stiffening system may be disposed within the core mattress.

In yet other embodiments the bottom surface of the first depression further comprises a tray, an absorbent material, or