THE CLAIMS

1. Breast shield for a breast pump for expressing human breast milk, wherein the breast shield comprises a rigid base part and a flexible collar, wherein the rigid base part has a tubular connection piece and a funnel for receiving a mother's breast, the funnel being integrally moulded in one piece on the tubular connection piece and widening away from the connection piece, wherein the flexible collar is arranged on the funnel at an end of the funnel remote from the connection piece and is realized to be placed onto the mother's breast, wherein the named end of the funnel forms a first contact surface, wherein the collar comprises an end which faces the funnel and forms a second contact surface,

   wherein the first and the second contact surface adjoin one another in an obtuse manner in a circumferential connecting joint,

   wherein the funnel comprises a first wall thickness in the region of the connecting joint and the collar comprises a second wall thickness in the region of the connecting joint,

   wherein the first wall thickness and the second wall thickness are approximately the same size, wherein the funnel comprises at the connection joint a first opening angle,

   wherein the collar comprises at the connection joint a second opening angle in a non-loaded state, and

   wherein the second opening angle is smaller than the first opening angle.

2. Breast shield according to Claim 1, wherein the first wall thickness and the second wall thickness are precisely the same size.

3. Breast shield according to Claims 1 or 2, wherein the funnel comprises a first opening angle, wherein the collar comprises a second opening angle in the non-loaded state and wherein the second opening angle is smaller than the first opening angle.

4. Breast shield according to any one of Claims 1 to 3, wherein the collar is inclined inwards with reference to the funnel in the non-loaded state.

5. Breast shield according to any one of Claims 1 to 4, wherein the collar is pressable outwardly when placed onto the mother's breast and consequently a receiving opening of the collar is enlargeable.

6. Breast shield according to any one of Claims 1 to 5, wherein the collar comprises at least two planes of symmetry.

7. Breast shield according to any one of Claims 1 to 6, wherein the collar comprises an end remote from the funnel which forms a lay-on edge to be placed onto the mother's breast, wherein the lay-on edge is a three-dimensional curve which does not extend in one plane.

8. Breast shield according to Claim 7, wherein a projection of the lay-on edge in a plane perpendicular to a longitudinal axis of the breast shield is an ellipse.

9. Breast shield according to Claim 7, wherein a projection of the lay-on edge in a plane perpendicular to a longitudinal axis of the breast shield is a traverse which is closed per se and has rounded corners and sides which incline inwards.

10. Breast shield according to any one of Claims 1 to 9, wherein the collar is a straight truncated cone.

11. Breast shield according to any one of Claims 1 to 10, wherein the collar in its non-loaded state comprises a constant opening angle in the direction of the longitudinal center axis of the breast shield, at least as far as into a region of an end of the collar remote from the funnel.

12. Breast shield according to claim 1, wherein the first wall thickness is increased in the region of the connecting joint in comparison to an adjoining wall thickness of the funnel and/or wherein the second wall thickness of the collar is increased in the region of the connecting joint in comparison to an adjoining wall thickness of the collar.

13. Breast shield according to any one of Claims 1 to 12, wherein the connecting joint extends in one plane.

14. Breast shield according to Claims 1 to 13, wherein the connecting joint comprises an inconstant form.

15. Breast shield according to any one of Claims 1 to 14, wherein the funnel is a circular truncated cone and the collar comprises an end which is remote from the funnel and forms a lay-on edge to be placed onto the mother's breast, wherein said lay-on edge comprises a form which deviates from a circle.

16. Breast shield according to Claim 6, wherein the collar comprises precisely two planes of symmetry.

17. Breast shield according to Claim 10, wherein the collar is a straight circular truncated cone.