Claims

1. A disposable absorbent article comprising:

an absorbent core, the absorbent core including an absorbent core element and elastic elements attached to the absorbent core element, the elastic elements extending generally laterally between side margins of the absorbent core element and spaced apart;

wherein the absorbent core further comprises a second absorbent core element, and wherein the elastic elements are disposed between and attached to said absorbent core element and the second absorbent core element;

wherein said absorbent core elements are bonded to the elastic elements at spaced-apart bonding locations along a lateral extent of the elastic elements, wherein the bonding locations are formed by longitudinally extending bonding strips that extend across the laterally extending elastic elements; wherein, between said spaced-apart bonding locations along said lateral extent of the elastic elements, said absorbent core elements are un-bonded; and

wherein said absorbent core is laterally contracted in a narrowed region about the elastic elements, and wherein the absorbent core has a shape that includes a pair of end regions that are non-elasticized and have a lateral width wider than a lateral width of the narrowed region.

2. The disposable absorbent article of claim 1, wherein, between said spaced apart elastic elements, the bonding strips bond said absorbent core elements directly to one another, and wherein the bonding strips extend through the bonding locations.

3. The disposable absorbent article of claim 1, wherein said absorbent core elements form ridges between the bonding strips.

4. The disposable absorbent article of claim 3, wherein troughs are formed between the ridges and along or about the extent of the bonding strips.

5. The disposable absorbent article of claim 4, wherein voids or spaces extend between the ridges of said absorbent core elements.

6. The disposable absorbent article of claim 5, wherein the absorbent core is situated between a topsheet and a backsheet of the disposable absorbent article, and wherein

the voids or spaces extend between the ridges of the second absorbent core element and the topsheet.

7. The disposable absorbent article of claim 1, further comprising a central body defining a first waist end region including a first end edge, a second waist end region spaced longitudinally from the first waist end region and including a second end edge, and a crotch region positioned therebetween; wherein the absorbent core is situated between the end edges of the central body.

8. The disposable absorbent article of 1, wherein the elastic elements are arranged in rows of varying pitch.

9. The disposable absorbent article of claim 1, wherein the elastic elements are arranged in rows of even pitch.

10. A disposable absorbent article comprising:

a central body defining a first waist end region including a first end edge, a second waist end region spaced longitudinally from the first waist end region and including a second end edge, and a crotch region positioned therebetween;

an absorbent core situated between the end edges, the absorbent core including a first absorbent core element extending laterally across the crotch region, and a plurality of elastics that are generally laterally extended and attached to the first absorbent core element such that the first absorbent core element is laterally contracted in a narrowed region of the first core element about the plurality of elastics;

wherein the absorbent core has a shape that includes a pair of end regions that are non-elasticized and have a lateral width wider than a lateral width of the narrowed region;

wherein said elastics are arranged in the narrowed region in rows of varying pitch; and

a second absorbent core element, said plurality of elastics being disposed between and attached to said first absorbent core element and said second core element.

11. The disposable absorbent article of claim 10, wherein the rows of said elastics are arranged in the narrowed region in rows of varying pitch to define a curved shape to said narrowed region of the first absorbent core element.

12. The disposable absorbent article of claim 10, wherein the disposable absorbent article further includes a second absorbent core element superimposing the first absorbent core element, wherein the second absorbent core element includes slits that provide voids penetrating through the second absorbent core element.

13. The disposable absorbent article of claim 10, wherein said elastics are adhered to the first absorbent core element at a plurality of adhesion locations positioned and spaced apart along the length of each elastic of said plurality of said elastics adhered to the first absorbent core element to form a plurality of laterally spaced apart ridges in the first core element in between adhesion locations.