CLAIMS

1. A disposable absorbent article comprising:
an outer shell; and
a detachable disposable absorbent core insert supported on an inside surface of the outer shell, the core insert being attached to said inside surface and detachable therefrom;
wherein said inside surface further includes a retaining structure for receiving said absorbent core insert, the core insert being attachable with said retaining structure and detachable from said retaining structure;
wherein said outer shell includes one or more end regions folded to form a folded flap, and wherein end regions of said core are secured under said flaps to secure said core with the outer shell, said retaining structure including said folded flaps.

2. The absorbent article of claim 1, wherein said folded flap forms a dam barrier at said end regions.

3. The absorbent article of claim 1, wherein a gap is provided between said flap and said outer shell for receipt of the insert.

4. A disposable absorbent article comprising:
an outer shell; and
a detachable disposable absorbent core insert supported on an inside surface of the outer shell, the core insert being attached to said inside surface and detachable therefrom;
wherein said inside surface further includes a retaining structure for receiving said absorbent core insert, the core insert being attachable with said retaining structure and detachable from said retaining structure;
wherein said retaining structure includes a receptacle retaining the core insert within said outer shell, the core insert being disengageable from said receptacle and from said outer shell;
wherein said receptacle includes a clip defining, at least partially, a shape of said receptacle.

5. A disposable absorbent article comprising:
an outer shell; and

a detachable disposable absorbent core insert supported on an inside surface of the outer shell, the core insert being attached to said inside surface and detachable therefrom;
wherein said inside surface further includes a retaining structure for receiving said absorbent core insert, the core insert being attachable with said retaining structure and detachable from said retaining structure;
wherein said retaining structure includes a plurality of fasteners disposed on said bottom layer of said core insert and projecting outwardly to engage the inside surface, said fasteners being spaced apart to define void spaces between said fasteners, said core insert, and said outer shell, the void spaces providing air channels extending outward from a central region beneath said core insert.

6. A disposable absorbent article comprising:
an outer shell; and
a detachable disposable absorbent core insert supported on an inside surface of the outer shell, the core insert being attached to said inside surface and detachable therefrom;
wherein said inside surface further includes a retaining structure for receiving said absorbent core insert, the core insert being attachable with said retaining structure and detachable from said retaining structure; and
a plurality of space apart projections on said bottom layer of said core insert, said projections engaging said inside surface to provide air channels between said core insert and said inside surface.

7. The absorbent article of claim 6, wherein said projections include hook fasteners that engage the inside surface of the outer shell.

8. The absorbent article of claim 7, wherein said projections are elongated fastening strips.

9. A disposable absorbent assembly comprising:
an outer shell; and
a disposable absorbent core insert detachably engageable with the outer shell, said core insert including an absorbent core material section having an absorbent composition;
wherein said outer shell includes a receptacle and said core insert includes a protruding portion conformed for detachable retention in said receptacle; and
wherein said receptacle is partly defined by a clip.