CLAIMS:

What is claimed is:

1. An apparatus adapted for a process for separating a product from at least one multicomponent feed by simulated countercurrent adsorptive separation, having plural bedlines, plural adsorption chambers, and plural flushing steps using plural flushing media, the improvement comprising a fluid connection between a first flush output (101) and a second flush input (105), without any intervening fluid connection to one or more distillation columns,

wherein said second flush input (105) enters a bedline (A_{n+4}) four bedlines upstream of a bedline (A_n) from which an extract (102) is withdrawn.