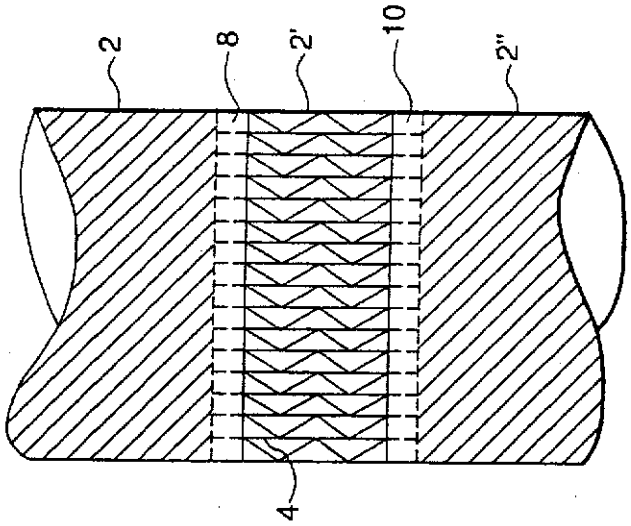



FIG. 3

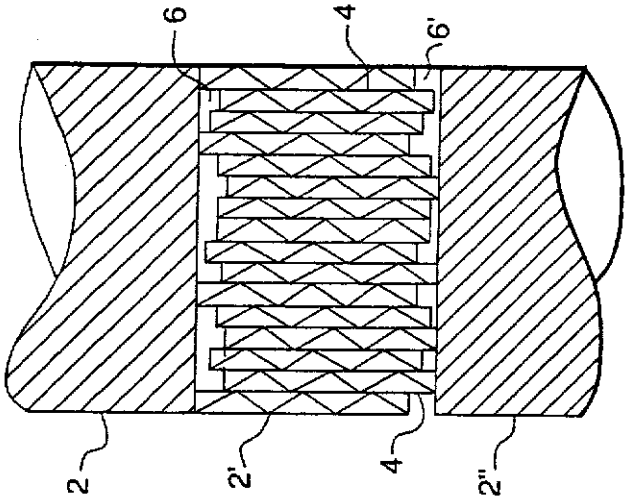



FIG. 2
Prior Art

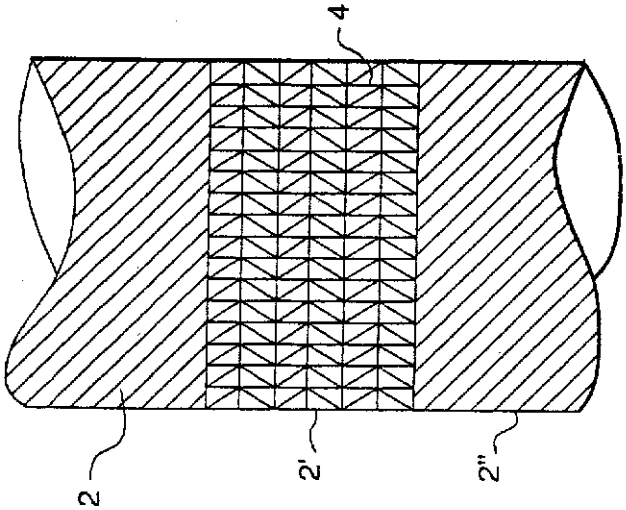



FIG. 1

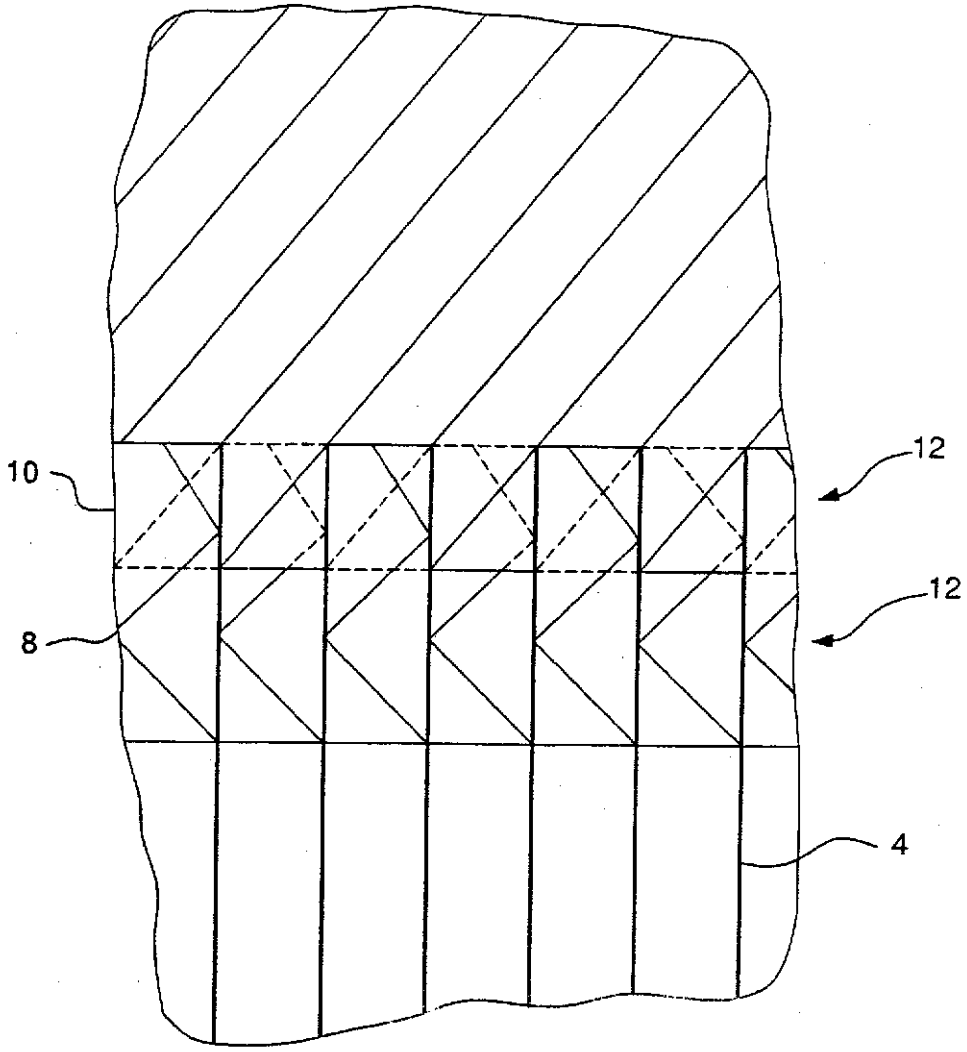



FIG. 4

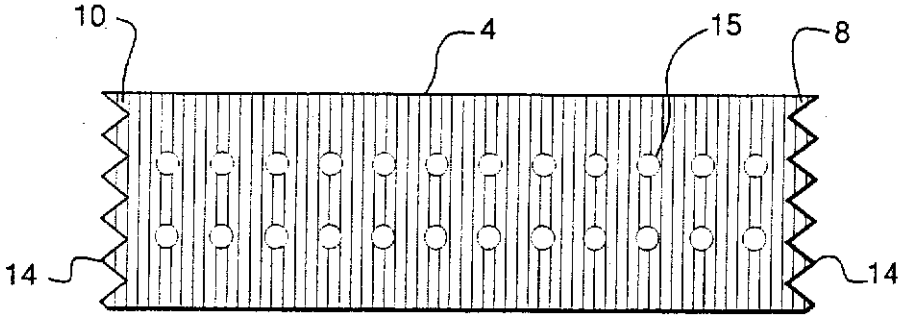



FIG. 5A

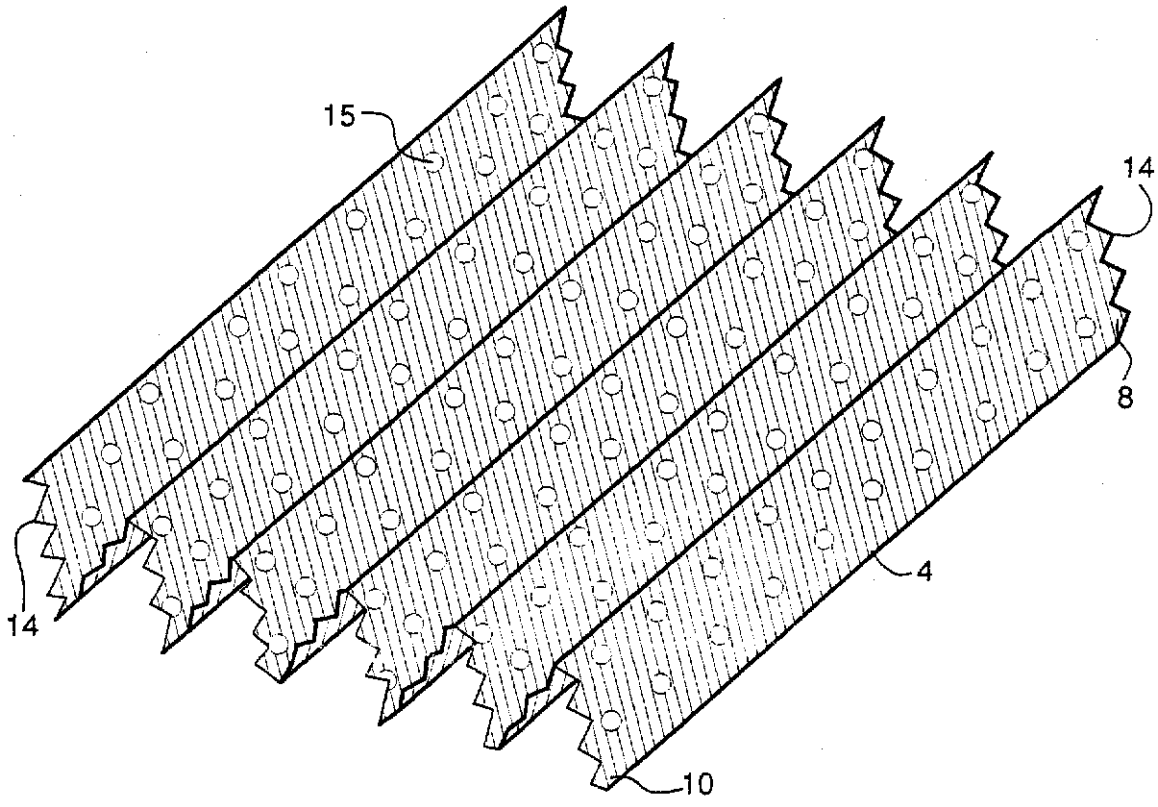



FIG. 5B

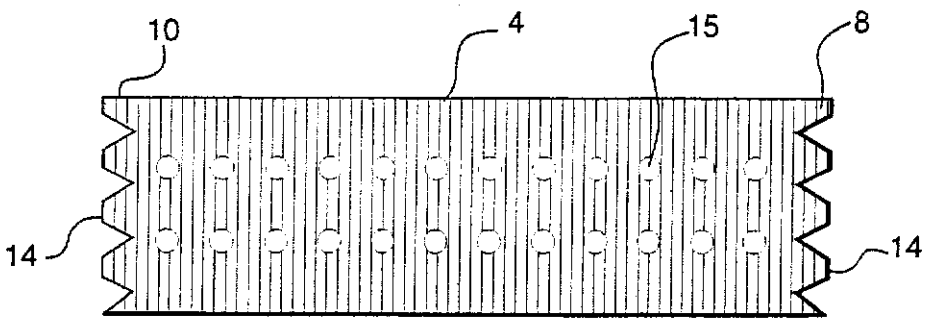



FIG. 6A

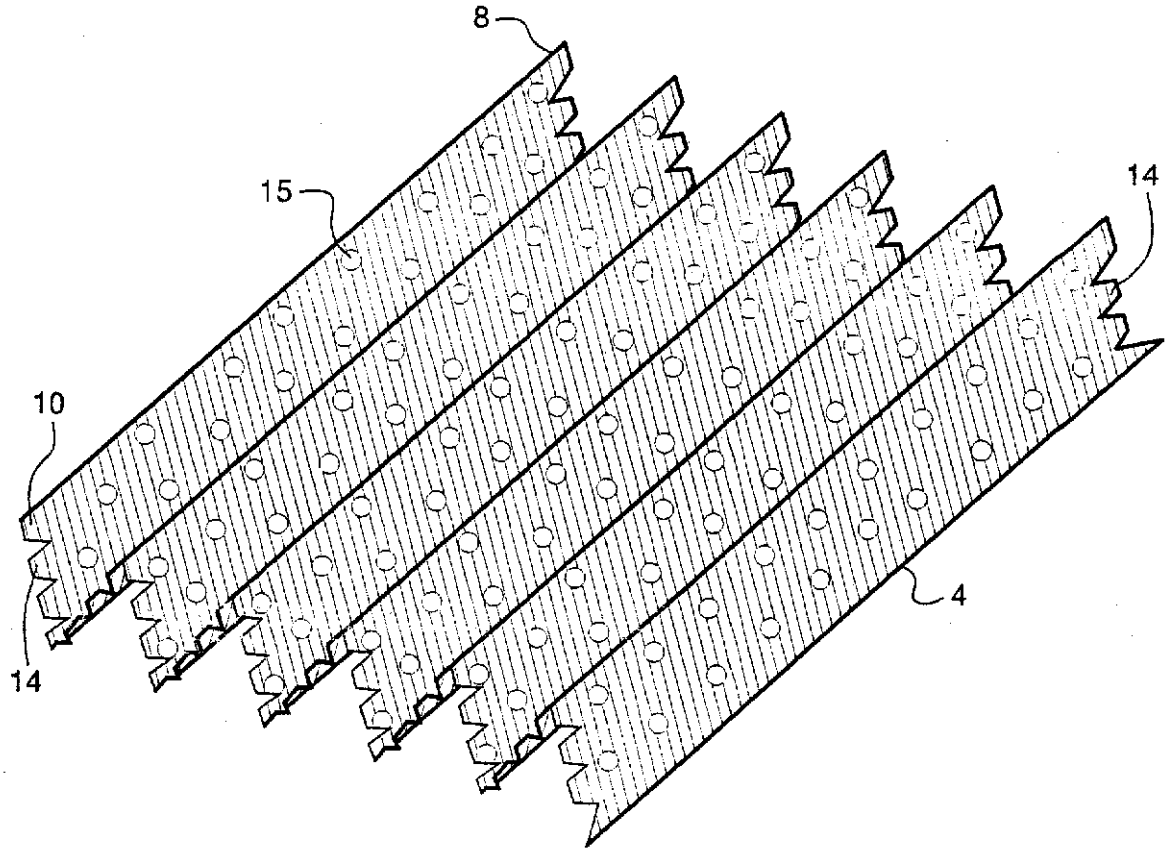



FIG. 6B

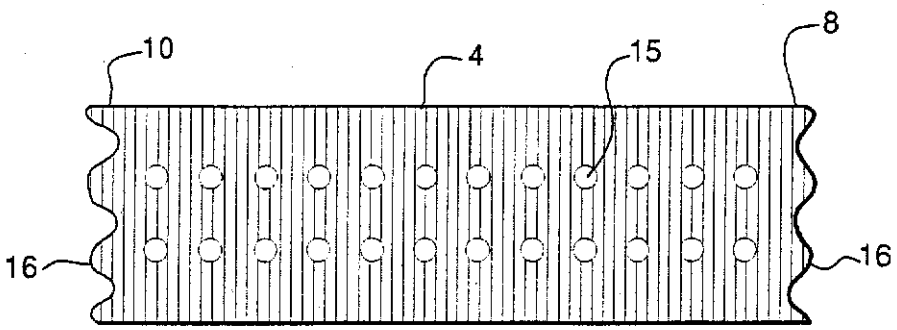



FIG. 7A

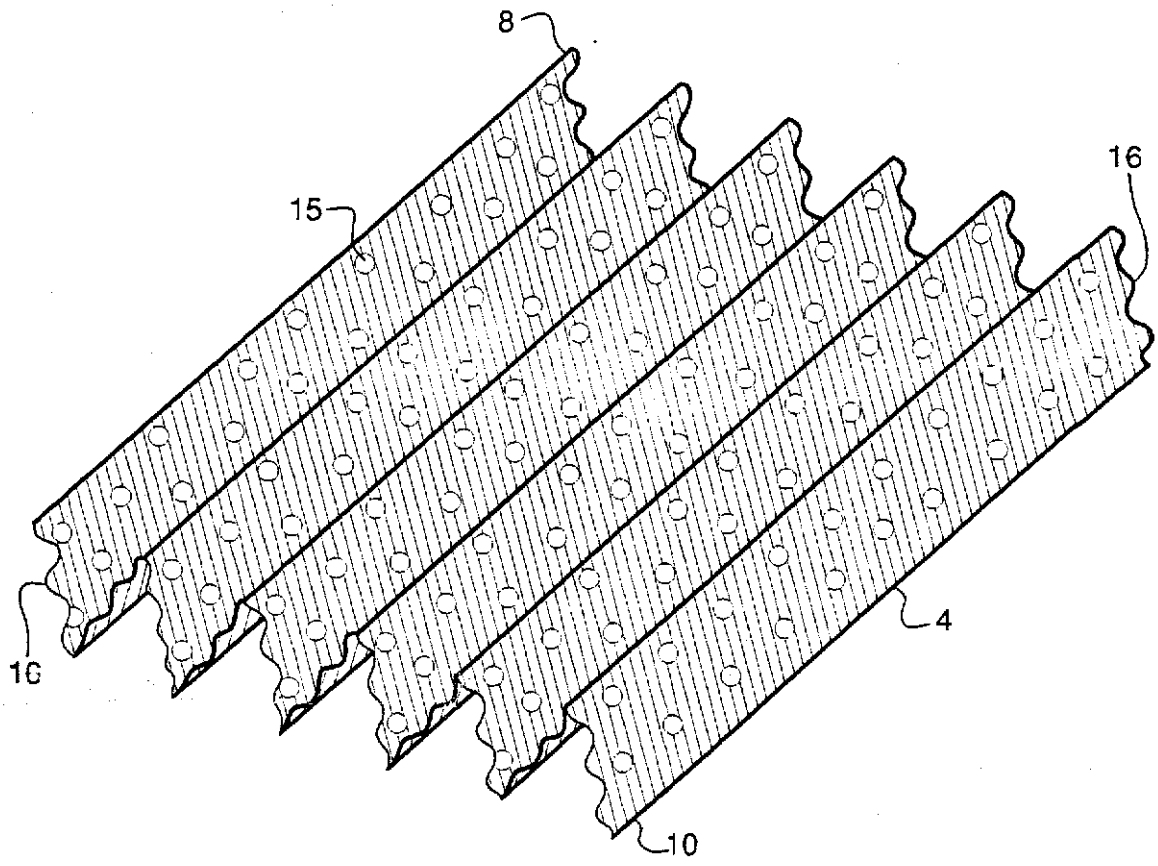



FIG. 7B

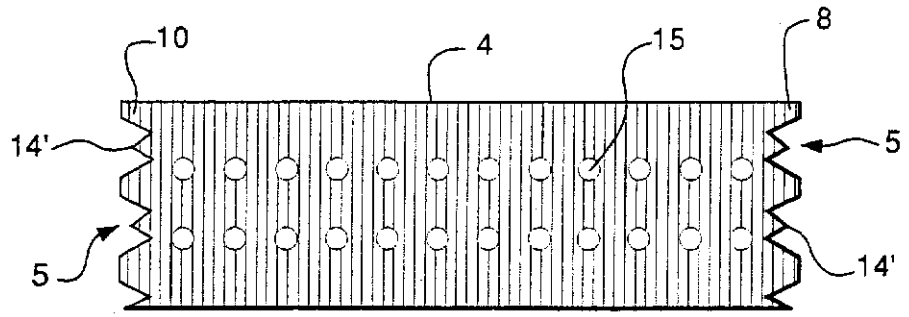



FIG. 8A

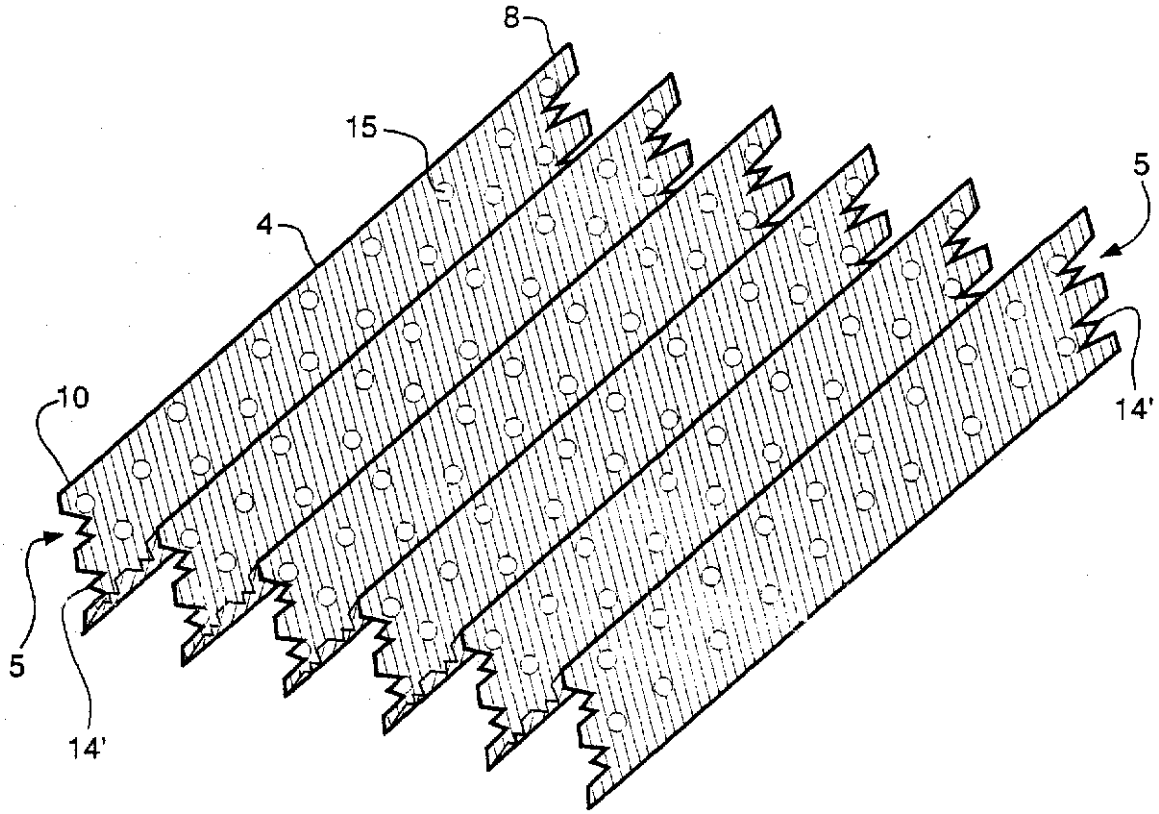



FIG. 8B

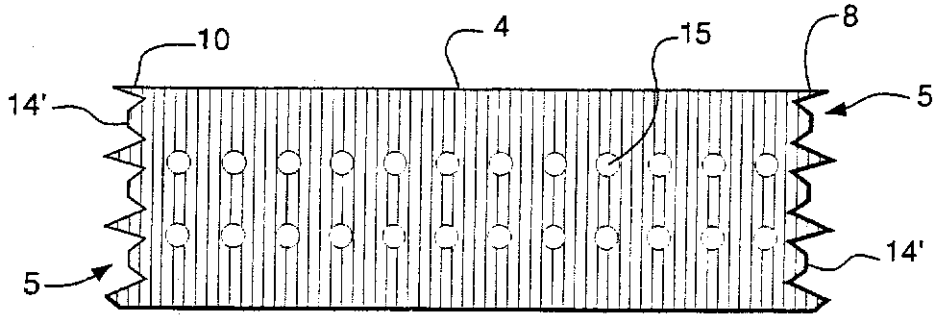



FIG. 9A

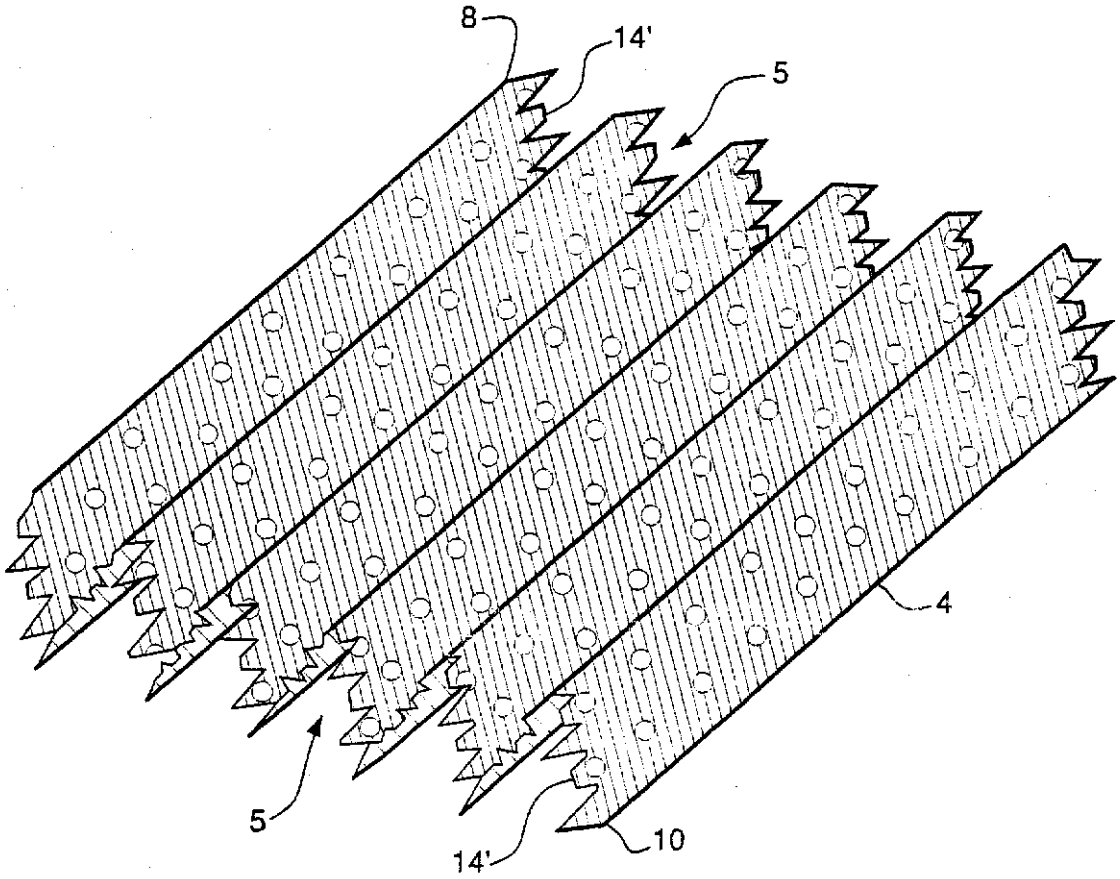



FIG. 9B

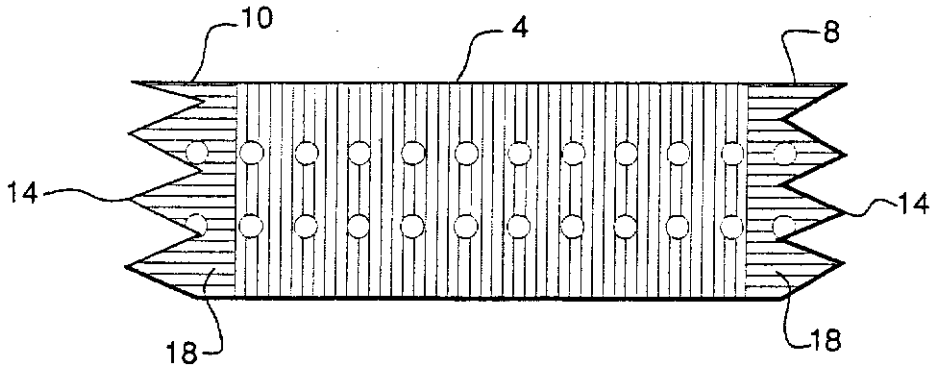



FIG. 10A

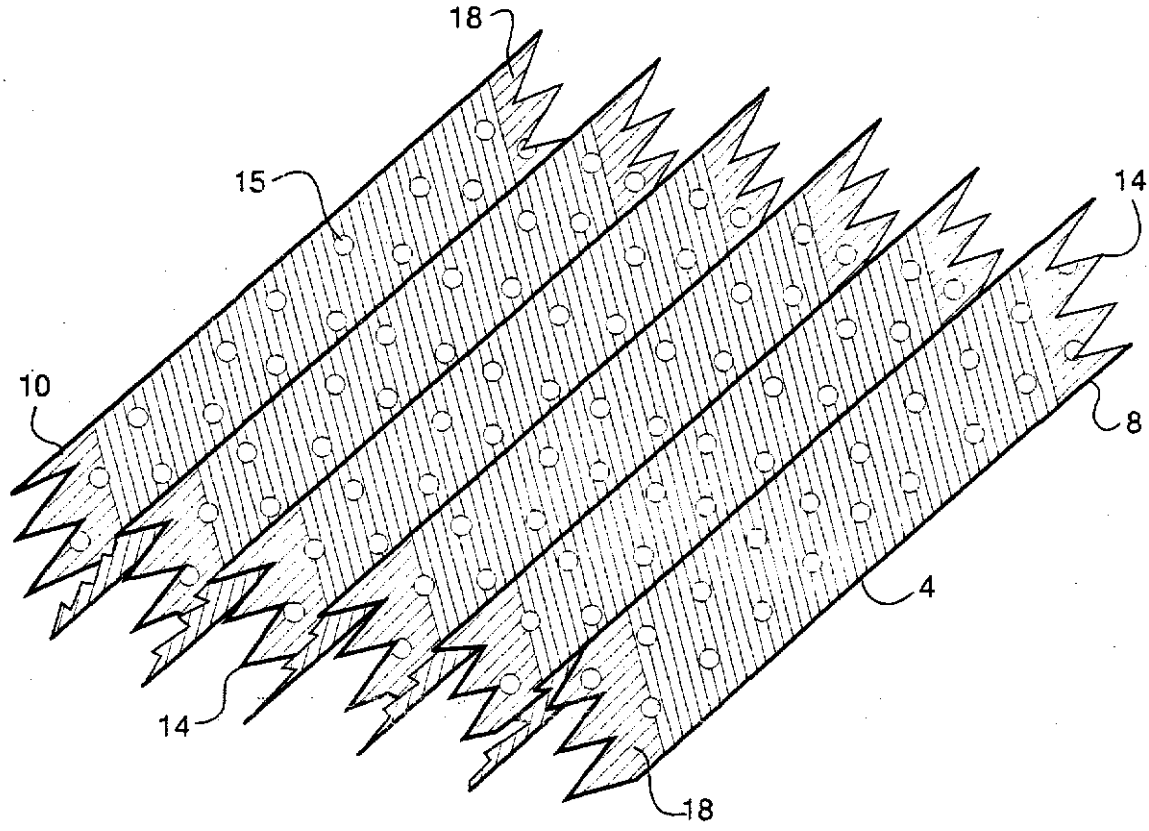



FIG. 10B

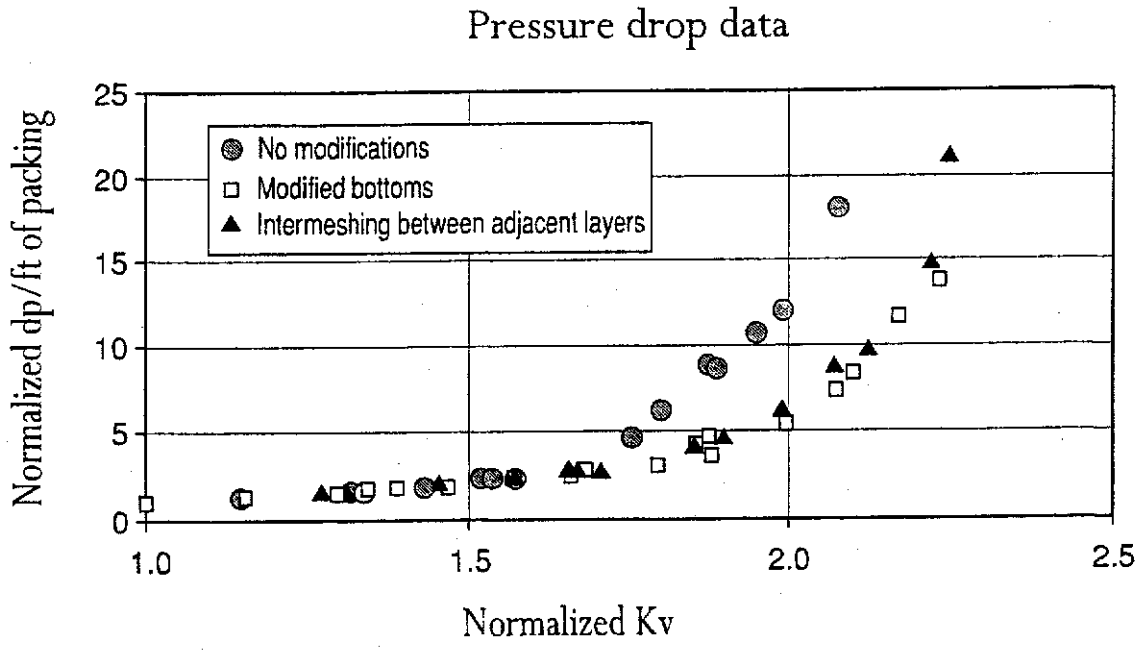

Pressure drop data
Normalized dp/ft of packing
25
20
15
10
5
0
No modifications
Modified bottoms
Intermeshing between adjacent layers
1.0
1.5
2.0
2.5
Normalized Kv

FIG. 11

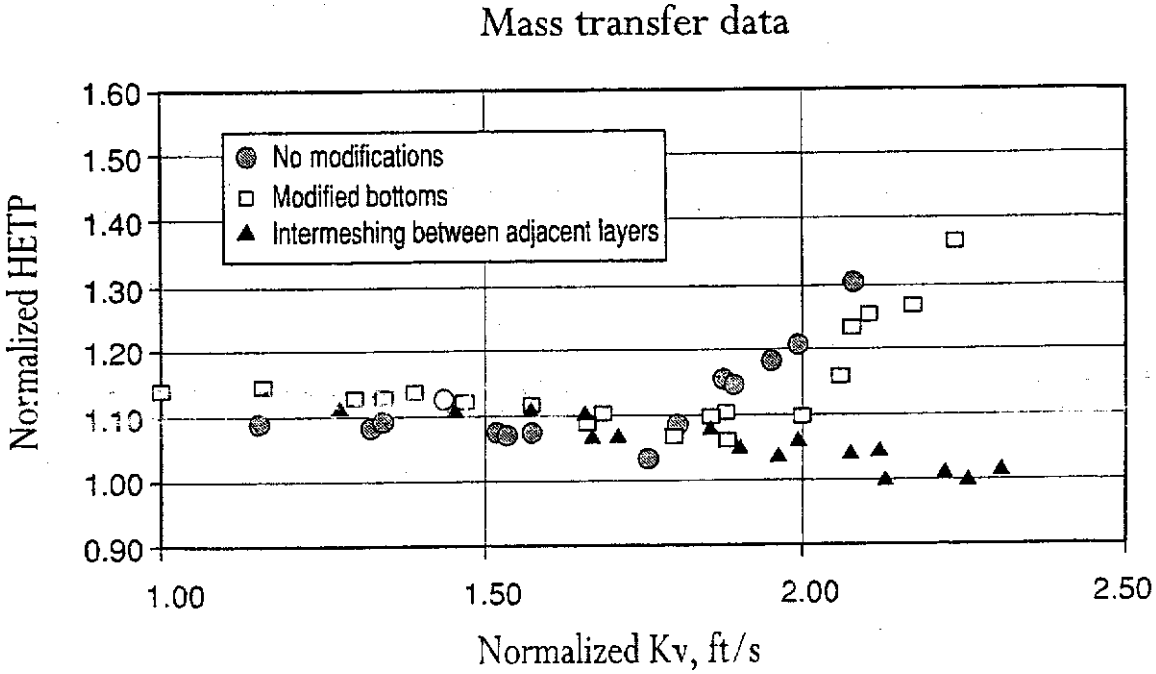

Mass transfer data
Normalized HETP
1.60
1.50
1.40
1.30
1.20
1.10
1.00
0.90
No modifications
Modified bottoms
Intermeshing between adjacent layers
1.00
1.50
2.00
2.50
Normalized Kv, ft/s

FIG. 12