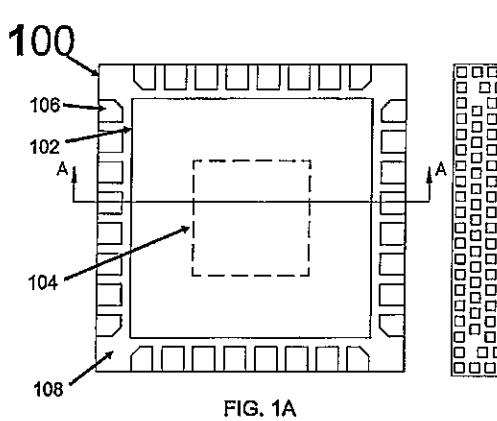


FIG. 1A

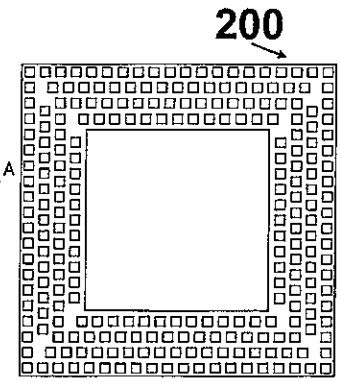


FIG. 2

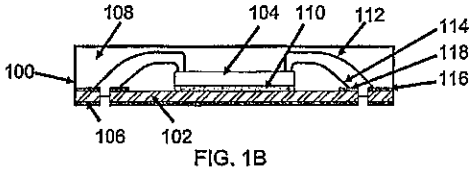


FIG. 1B

c

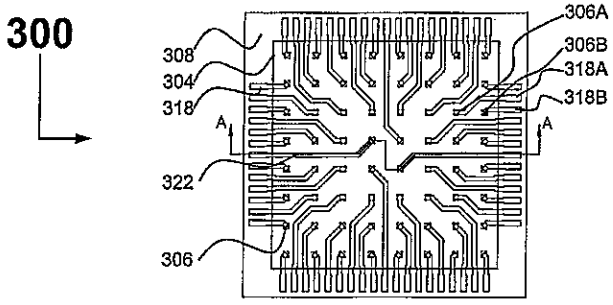


FIG. 3A

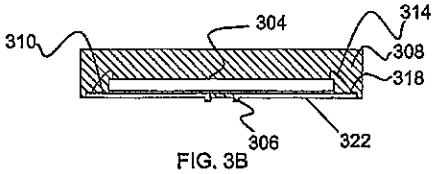


FIG. 3B

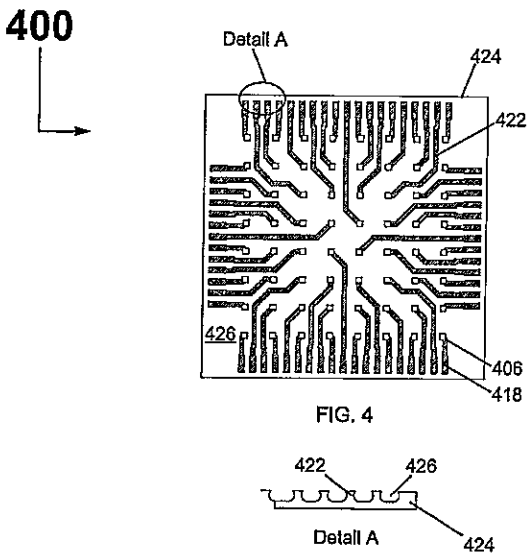


FIG. 4

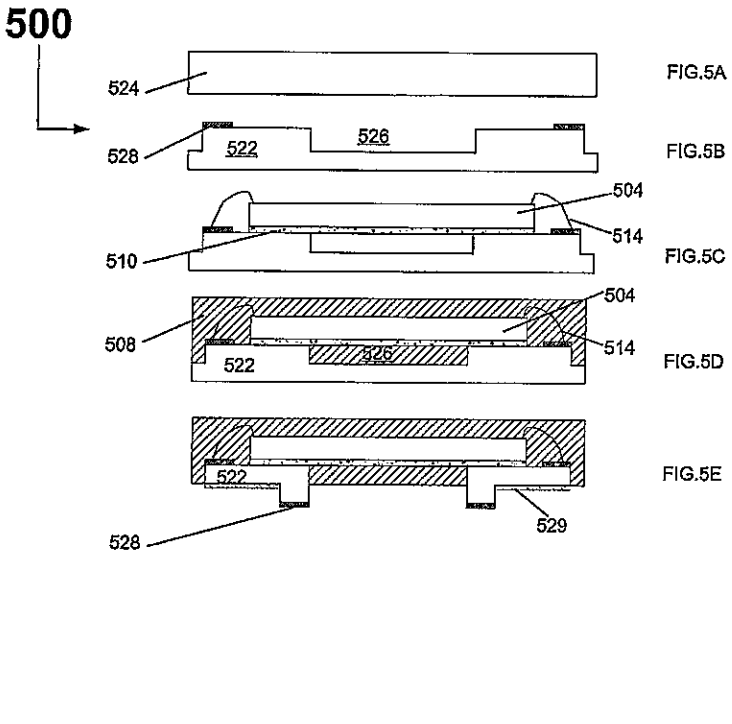


FIG.5A

FIG.5B

FIG.5C

FIG.5D

FIG.5E

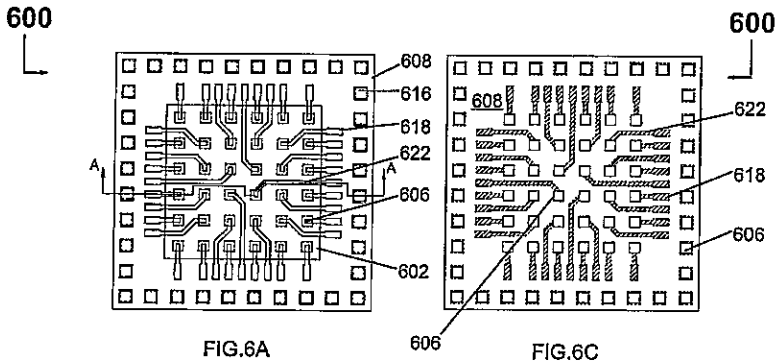


FIG.6A FIG.6C

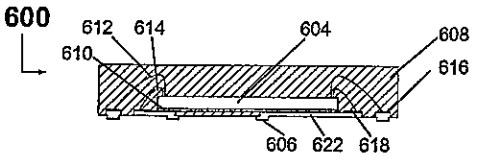


FIG.6B

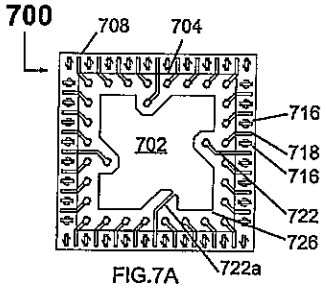


FIG.7A

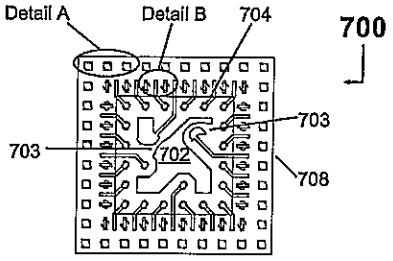
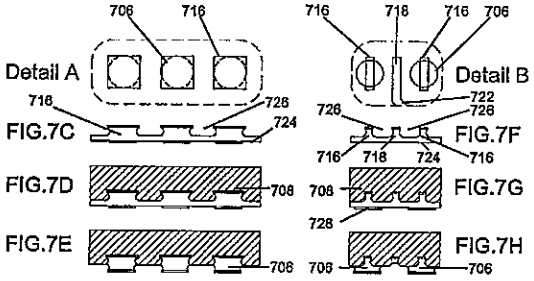
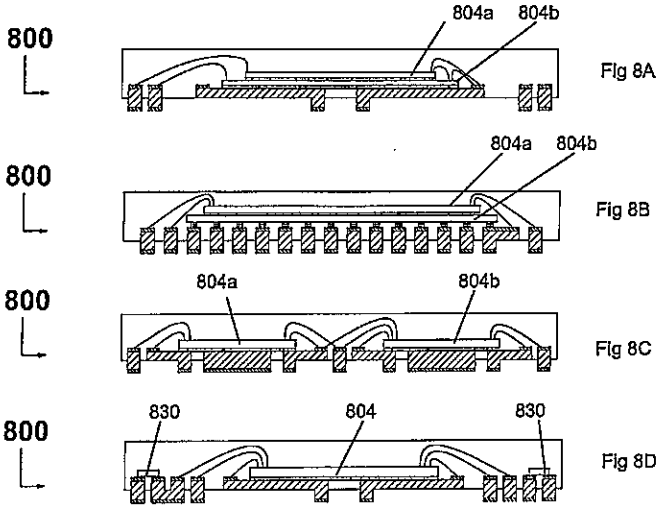
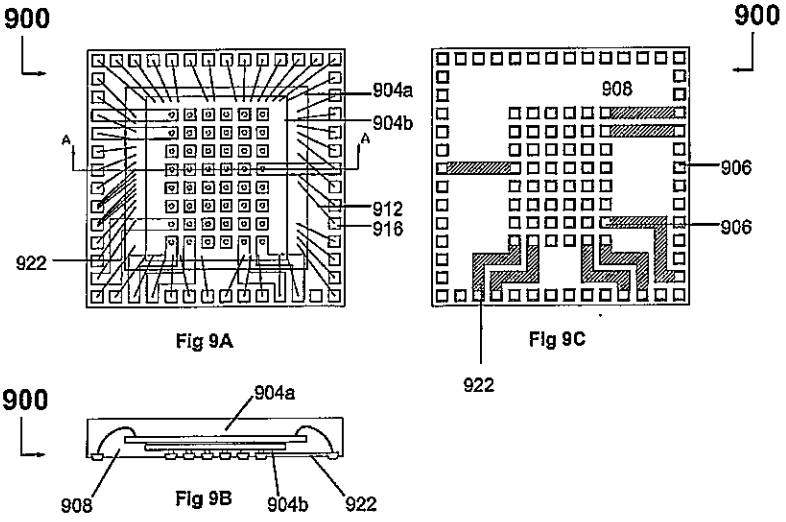


FIG.7B




800
804a
804b
Fig 8A
800
804a
804b
Fig 8B
800
804a
804b
Fig 8C
800
830
804
830
Fig 8D


900
904a
904b
A
A
912
916
922
Fig 9A
900
908
906
906
922
Fig 9C
900
904a
908
Fig 9B
904b
922

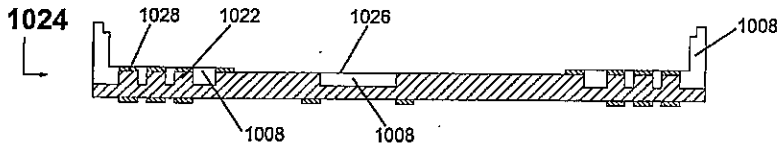


FIG.10A

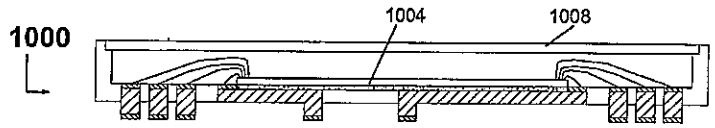


FIG.10B

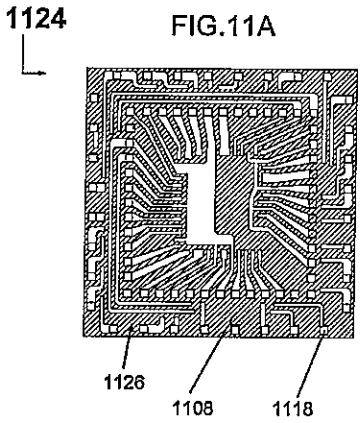


FIG.11A

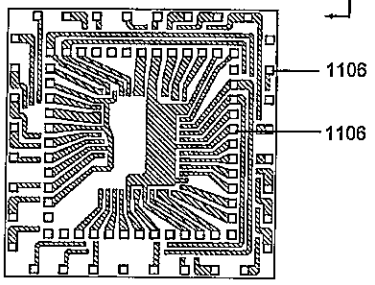


FIG.11B

FIG.12A

Package Type	Die Size		
	4x4 mm	3x3 mm	2x2 mm
QFN	N/A	32 I/O, 1 Row	44 I/O, 2 Row
TAPP	N/A	36 I/O, 1 Row	60 I/O, 2 Row
HLA	64 I/O, 2 Row	88 I/O, 4 Row	100 I/O, 5 Row



FIG.12B

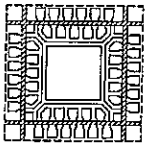


FIG.12C



FIG.12D

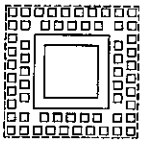


FIG.12E

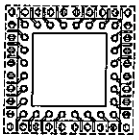


FIG.12F

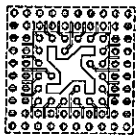


FIG.12G

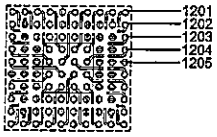


FIG.12H