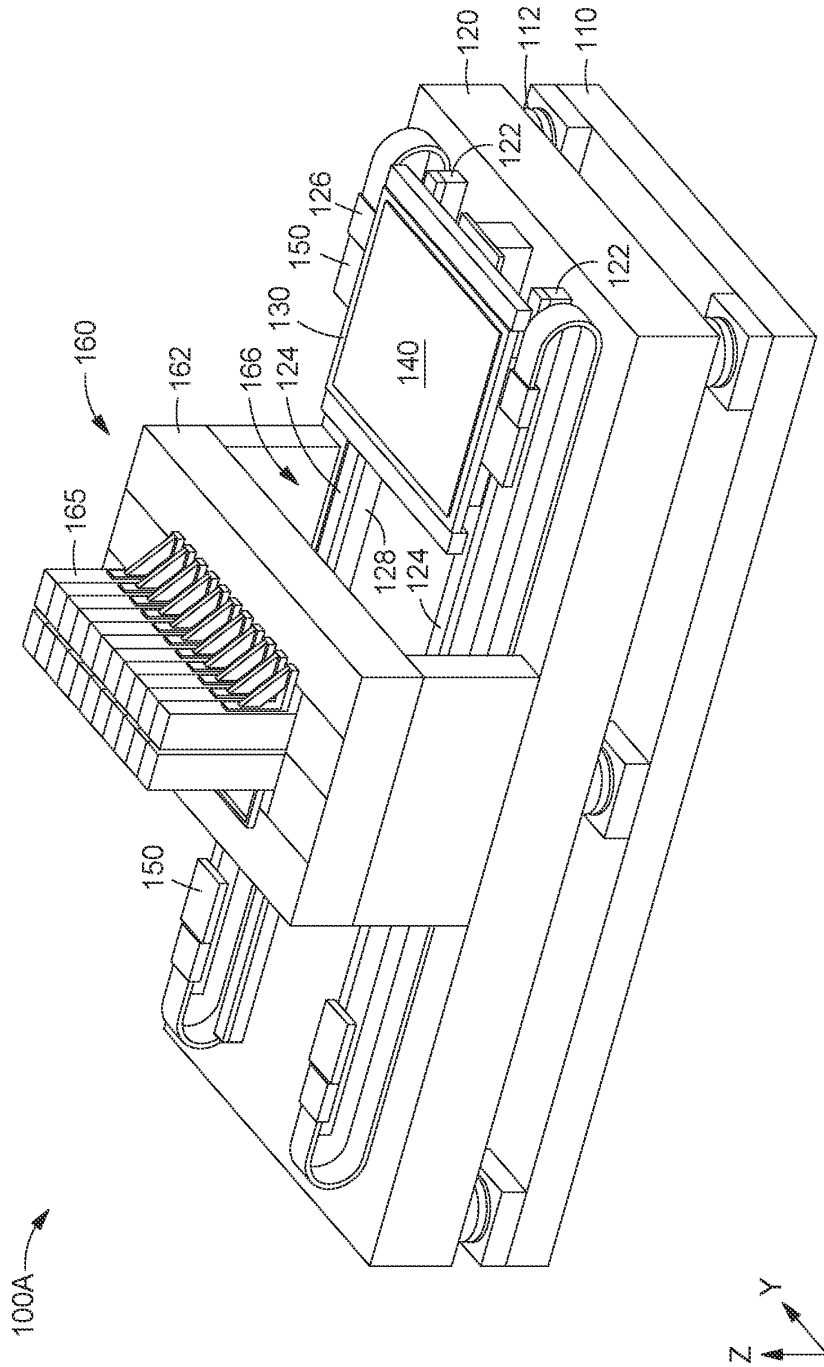

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112
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162
166
124
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165
128
124
150
100A
Y
X
Z

FIG. 1A

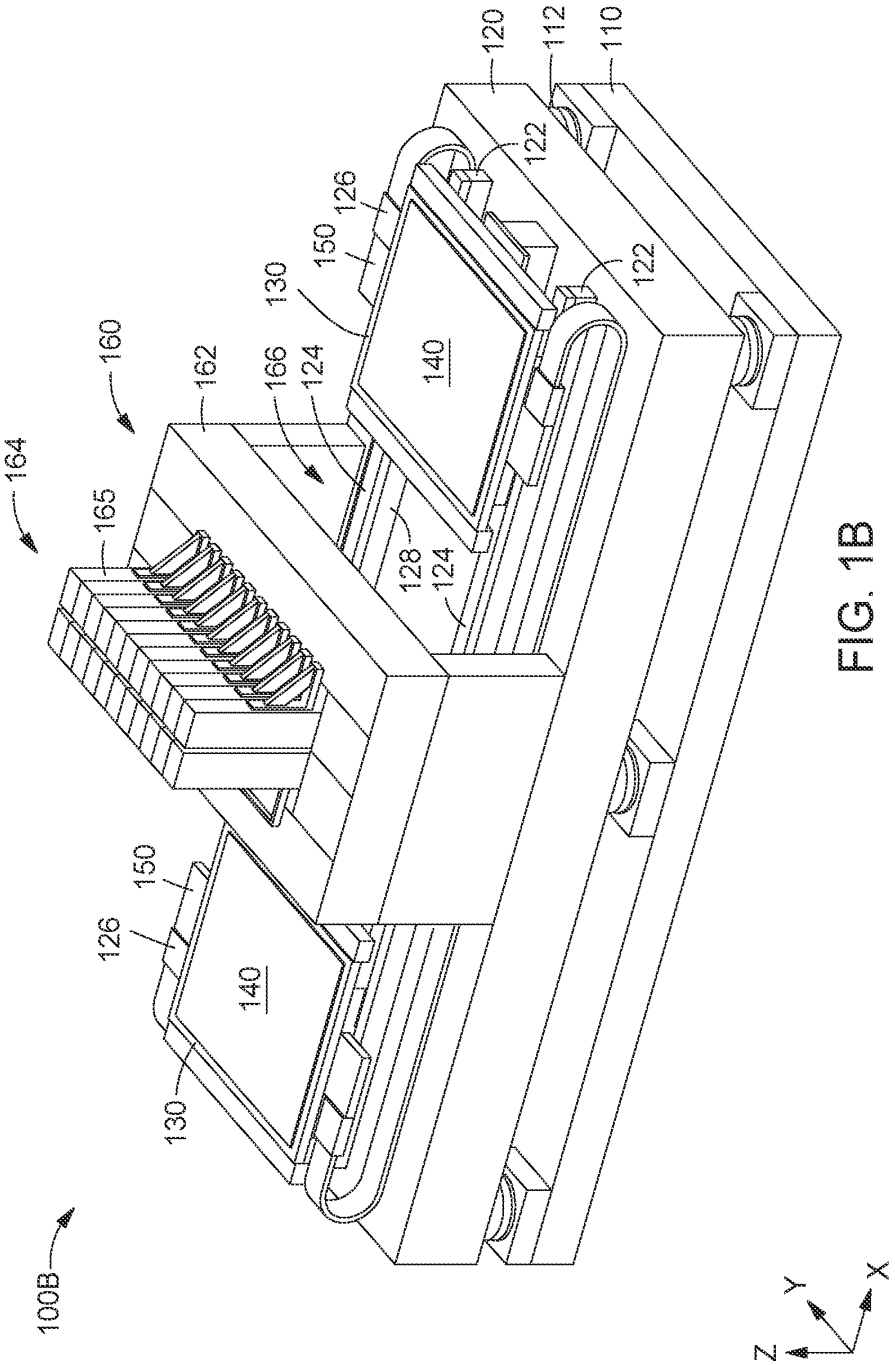

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100B
Y
X
Z

FIG. 1B

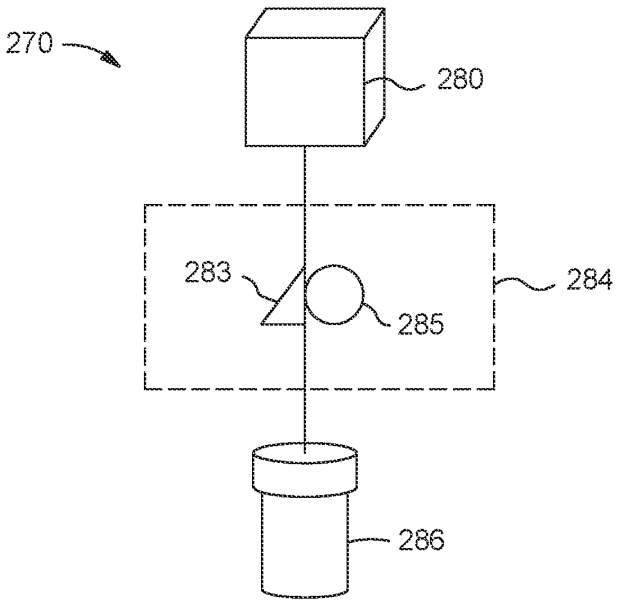


FIG. 2A

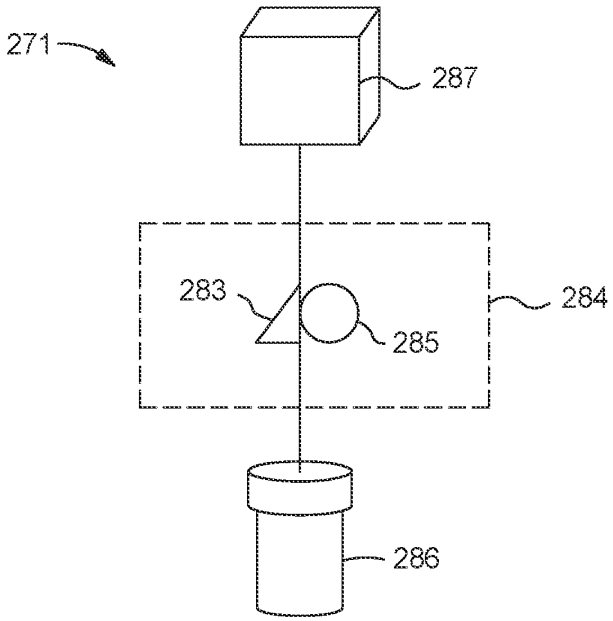


FIG. 2B

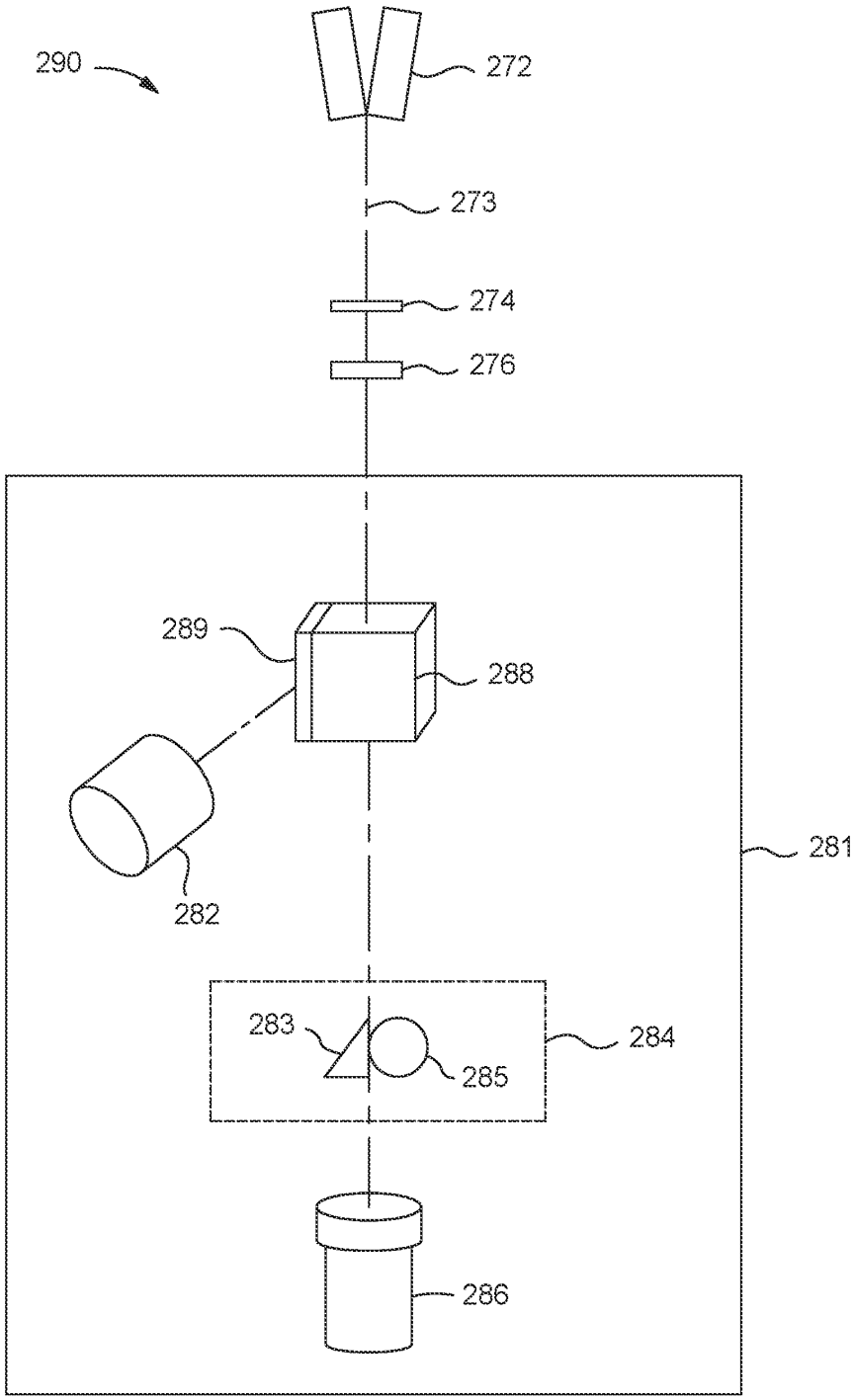


FIG. 2C

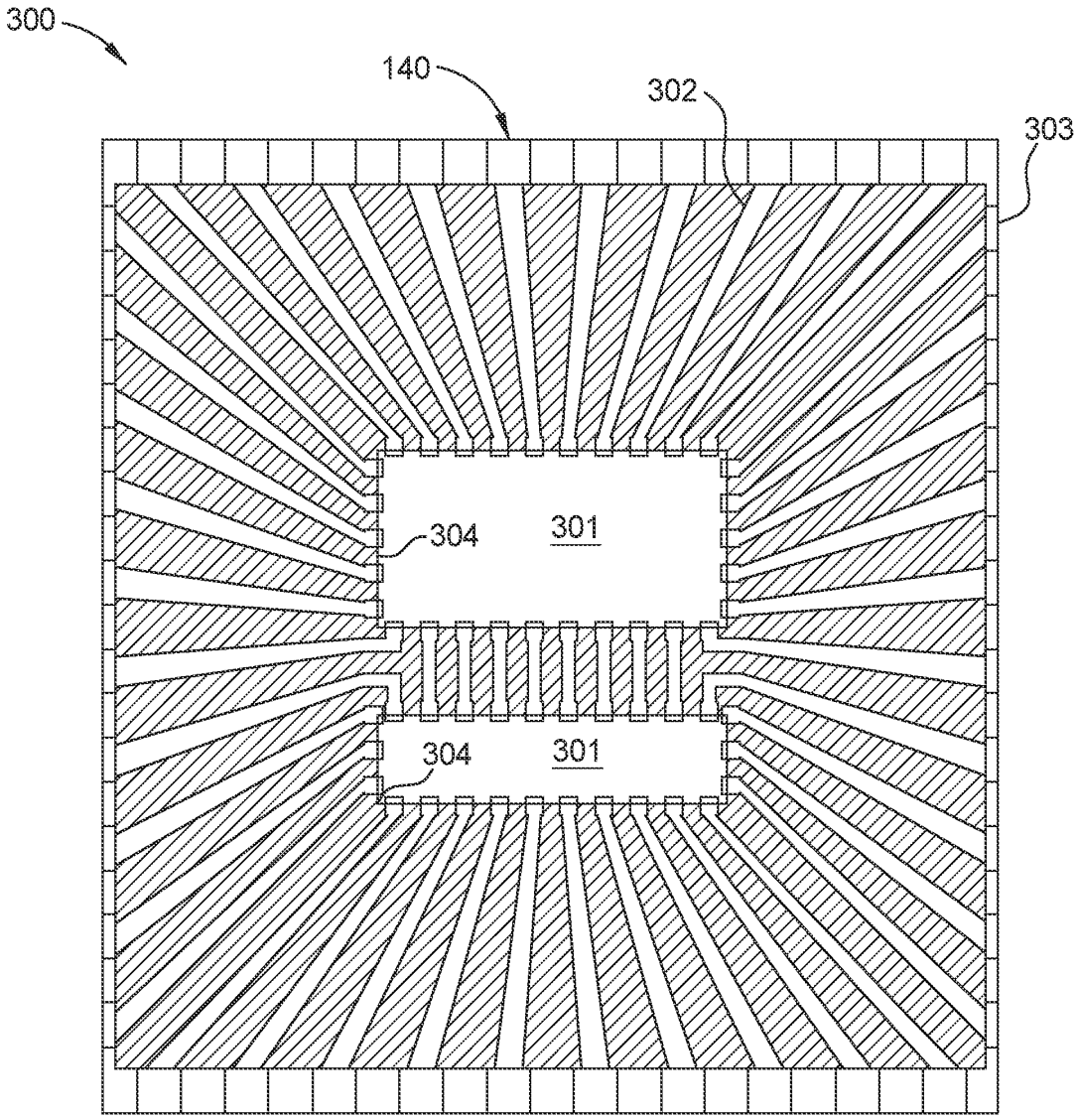


FIG. 3

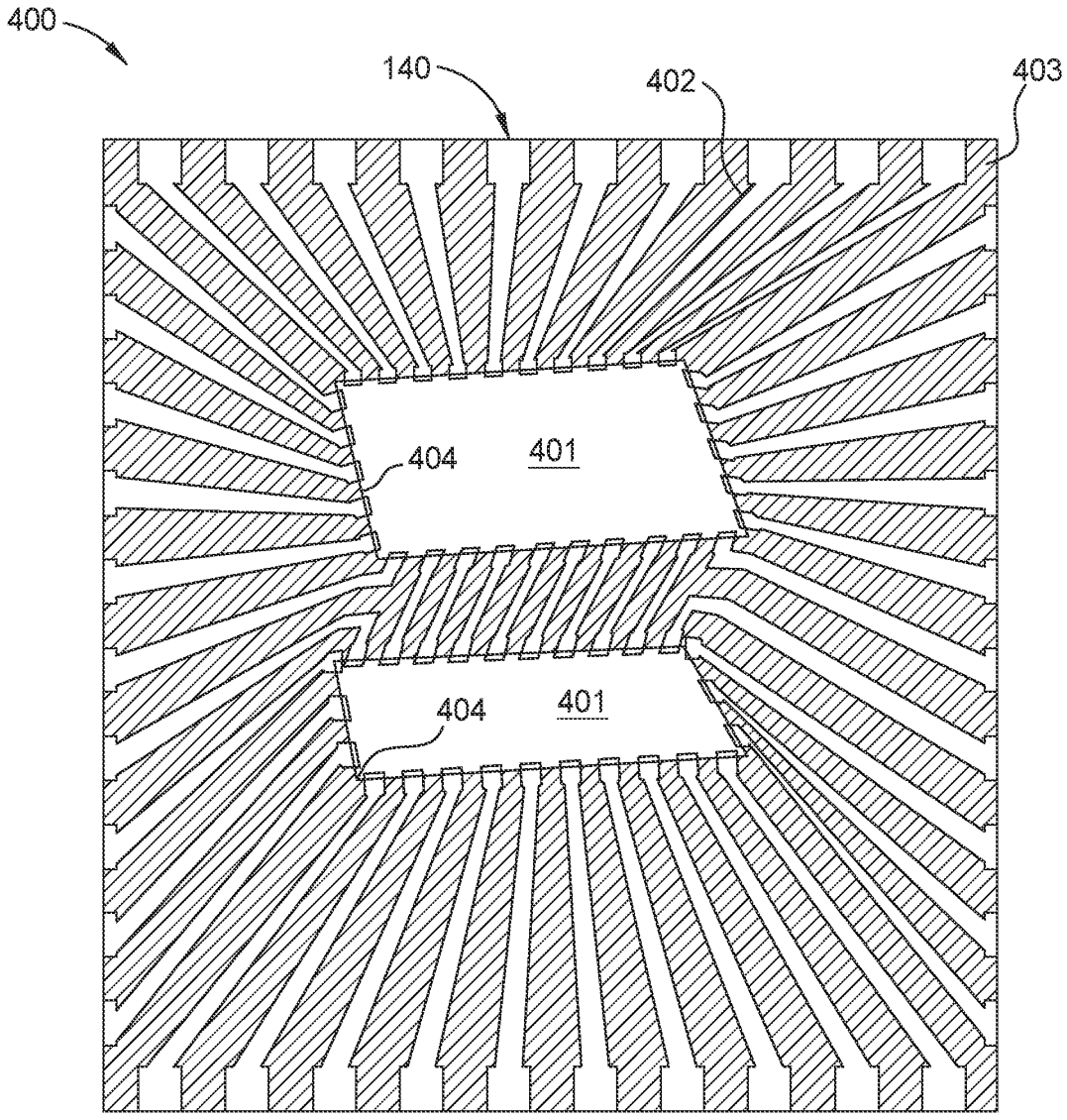


FIG. 4

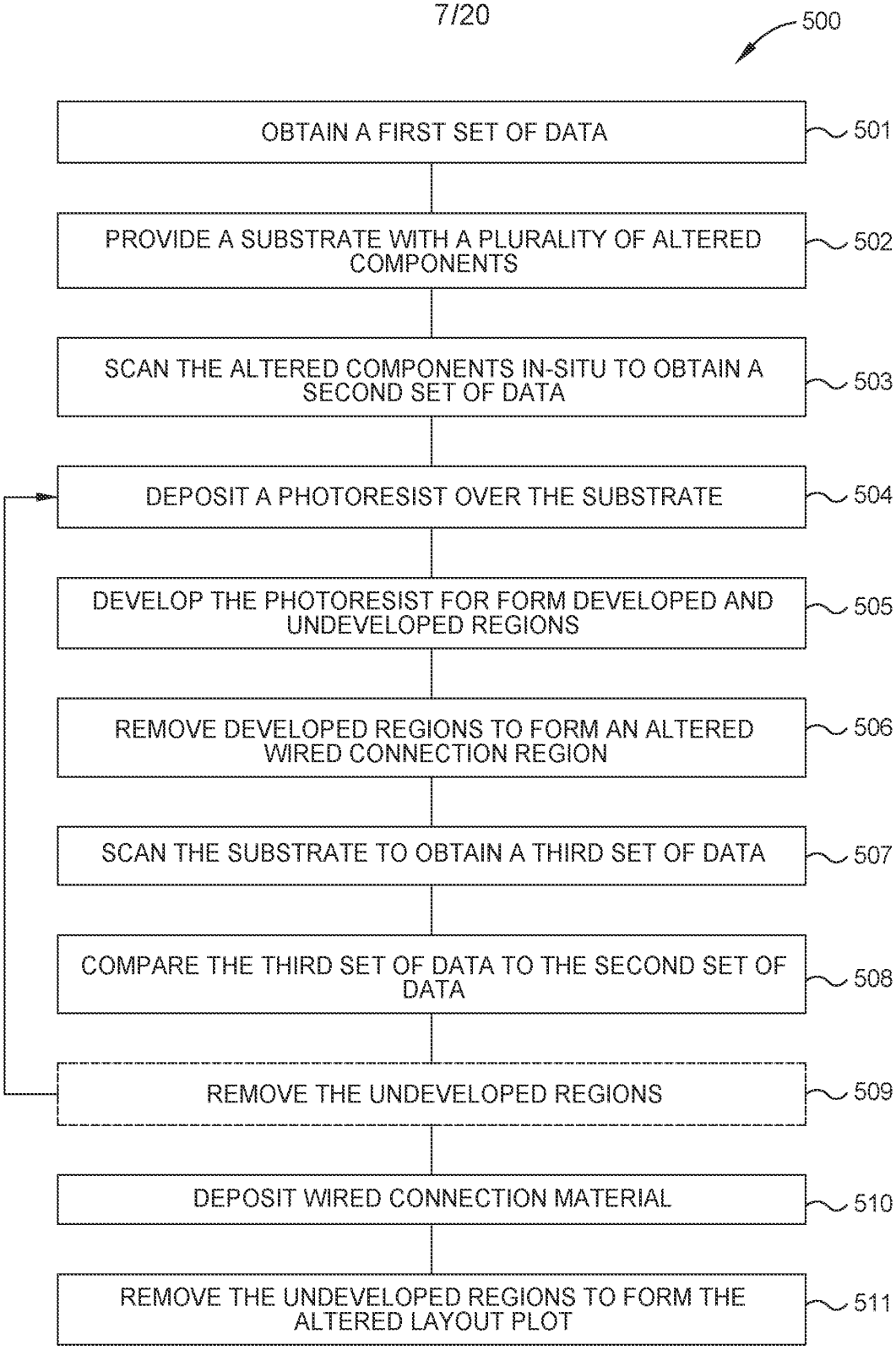

500
OBTAIN A FIRST SET OF DATA
501
PROVIDE A SUBSTRATE WITH A PLURALITY OF ALTERED COMPONENTS
502
SCAN THE ALTERED COMPONENTS IN-SITU TO OBTAIN A SECOND SET OF DATA
503
DEPOSIT A PHOTORESIST OVER THE SUBSTRATE
504
DEVELOP THE PHOTORESIST FOR FORM DEVELOPED AND UNDEVELOPED REGIONS
505
REMOVE DEVELOPED REGIONS TO FORM AN ALTERED WIRED CONNECTION REGION
506
SCAN THE SUBSTRATE TO OBTAIN A THIRD SET OF DATA
507
COMPARE THE THIRD SET OF DATA TO THE SECOND SET OF DATA
508
REMOVE THE UNDEVELOPED REGIONS
509
DEPOSIT WIRED CONNECTION MATERIAL
510
REMOVE THE UNDEVELOPED REGIONS TO FORM THE ALTERED LAYOUT PLOT
511

FIG. 5

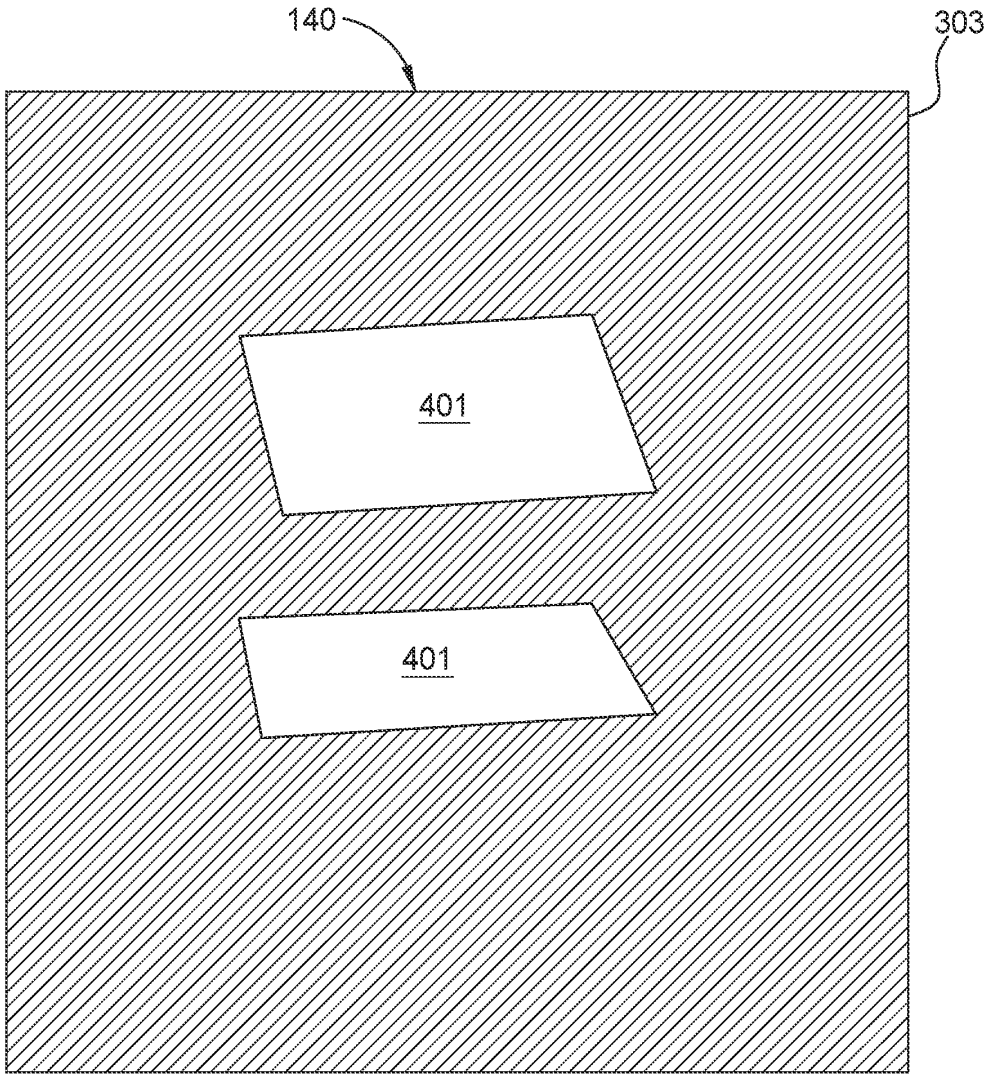


FIG. 6A

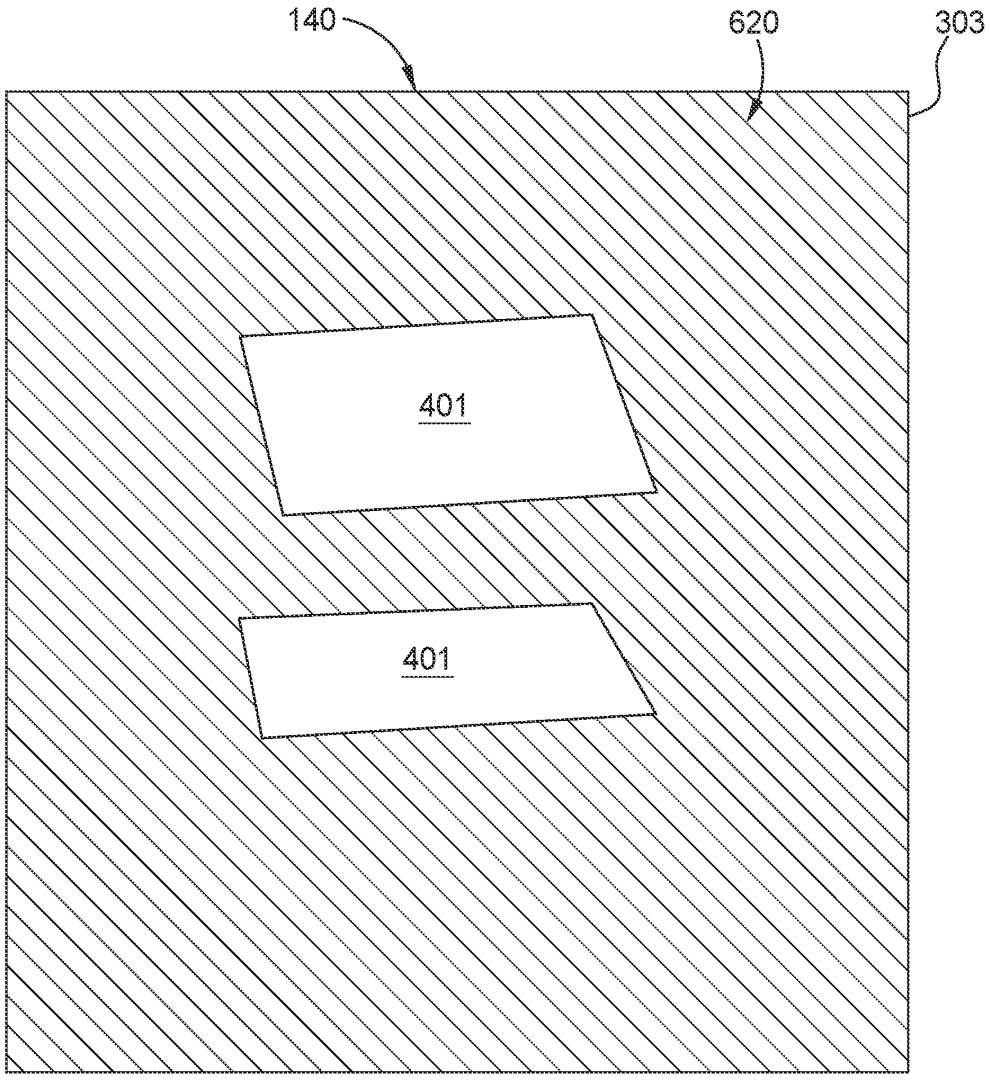


FIG. 6B

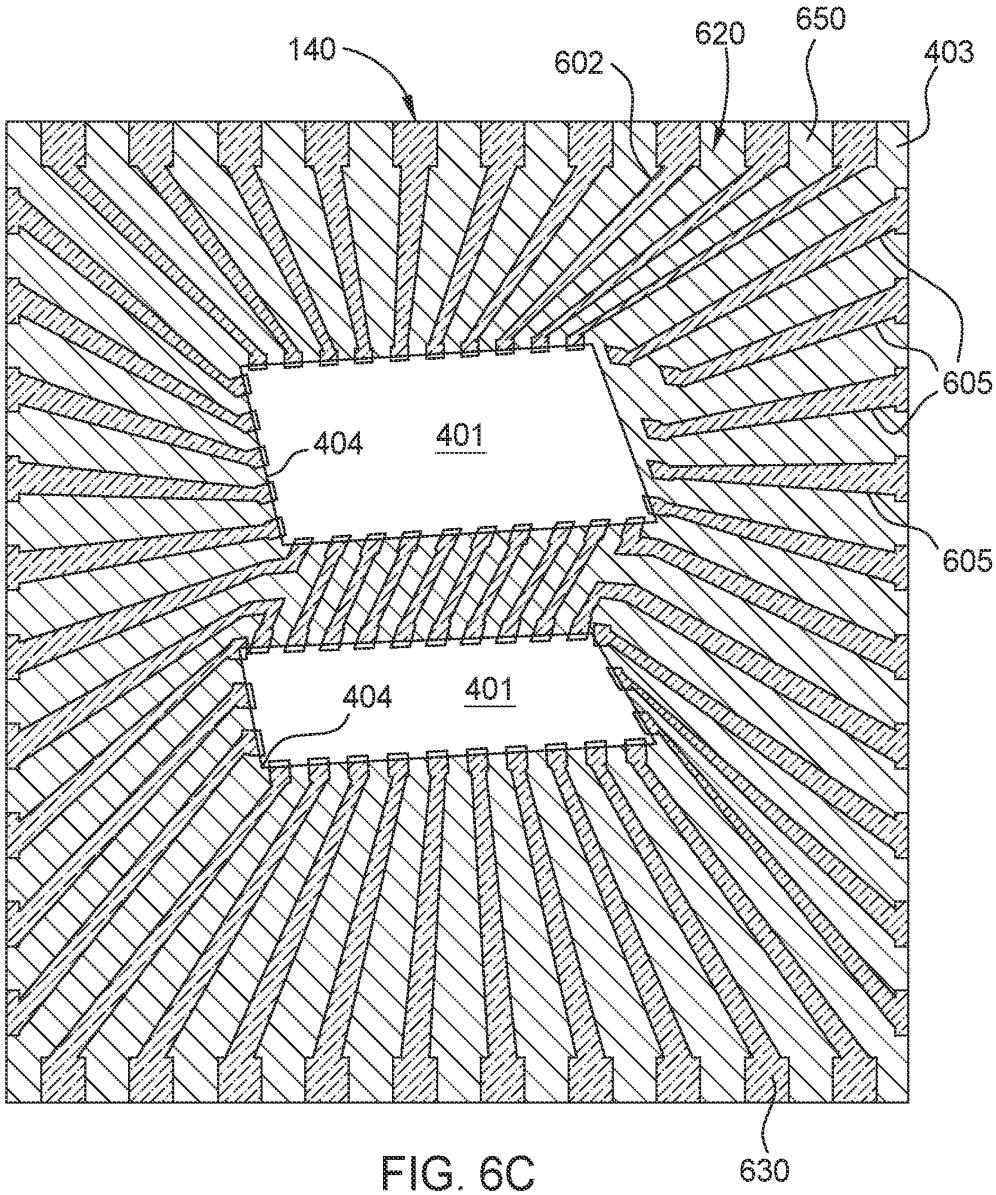


FIG. 6C

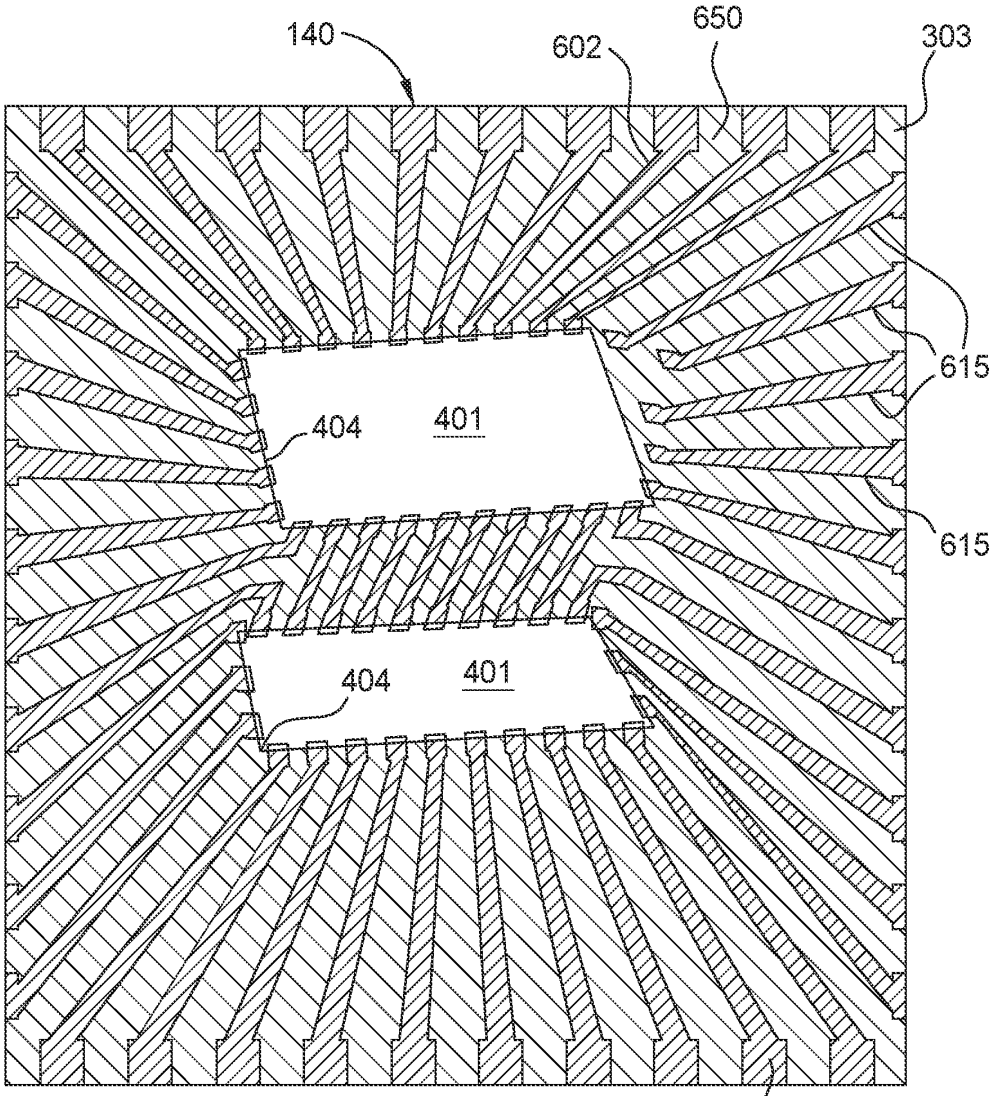


FIG. 6D

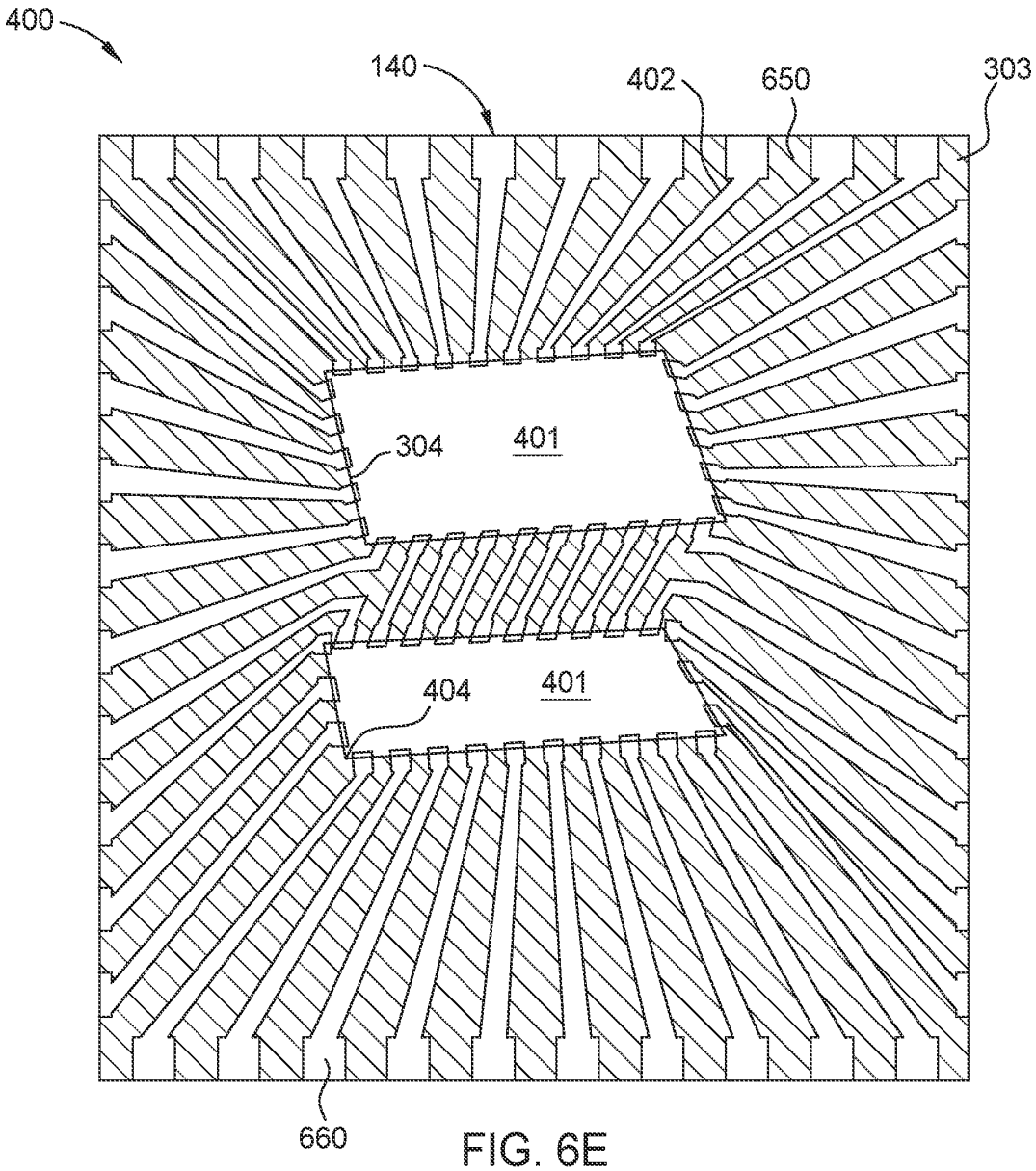


FIG. 6E

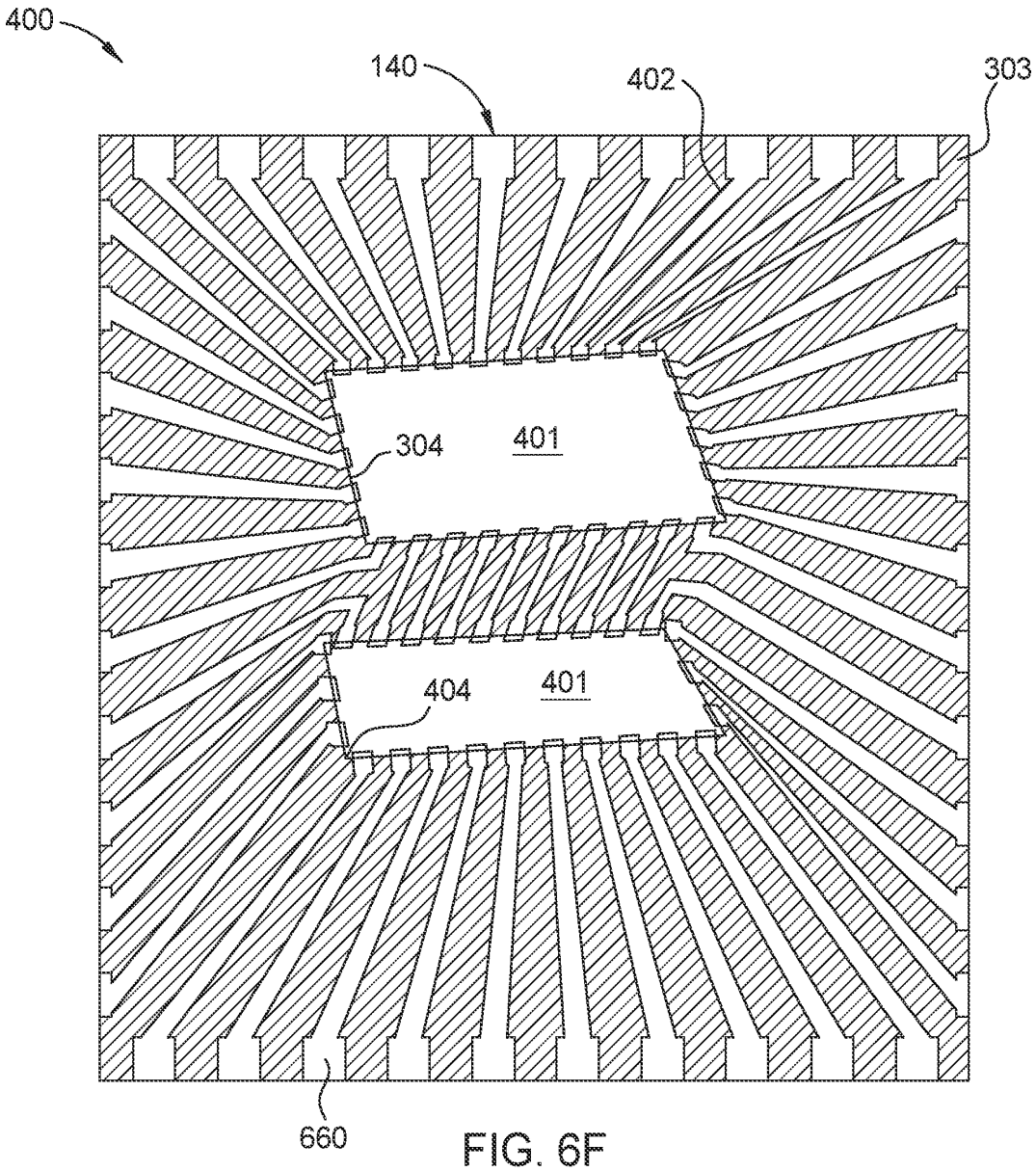


FIG. 6F

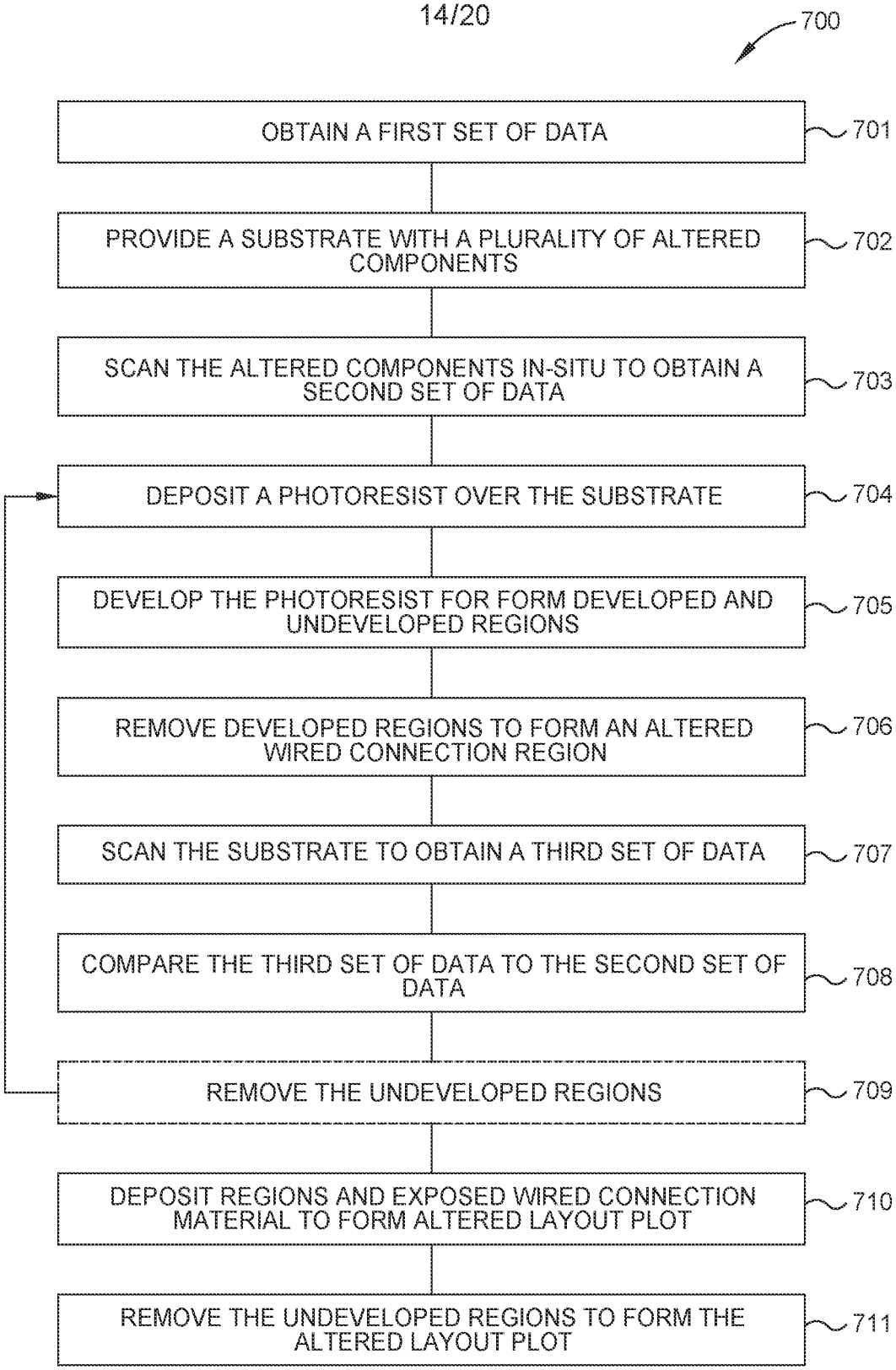

700
OBTAIN A FIRST SET OF DATA
701
PROVIDE A SUBSTRATE WITH A PLURALITY OF ALTERED COMPONENTS
702
SCAN THE ALTERED COMPONENTS IN-SITU TO OBTAIN A SECOND SET OF DATA
703
DEPOSIT A PHOTORESIST OVER THE SUBSTRATE
704
DEVELOP THE PHOTORESIST FOR FORM DEVELOPED AND UNDEVELOPED REGIONS
705
REMOVE DEVELOPED REGIONS TO FORM AN ALTERED WIRED CONNECTION REGION
706
SCAN THE SUBSTRATE TO OBTAIN A THIRD SET OF DATA
707
COMPARE THE THIRD SET OF DATA TO THE SECOND SET OF DATA
708
REMOVE THE UNDEVELOPED REGIONS
709
DEPOSIT REGIONS AND EXPOSED WIRED CONNECTION MATERIAL TO FORM ALTERED LAYOUT PLOT
710
REMOVE THE UNDEVELOPED REGIONS TO FORM THE ALTERED LAYOUT PLOT
711

FIG. 7

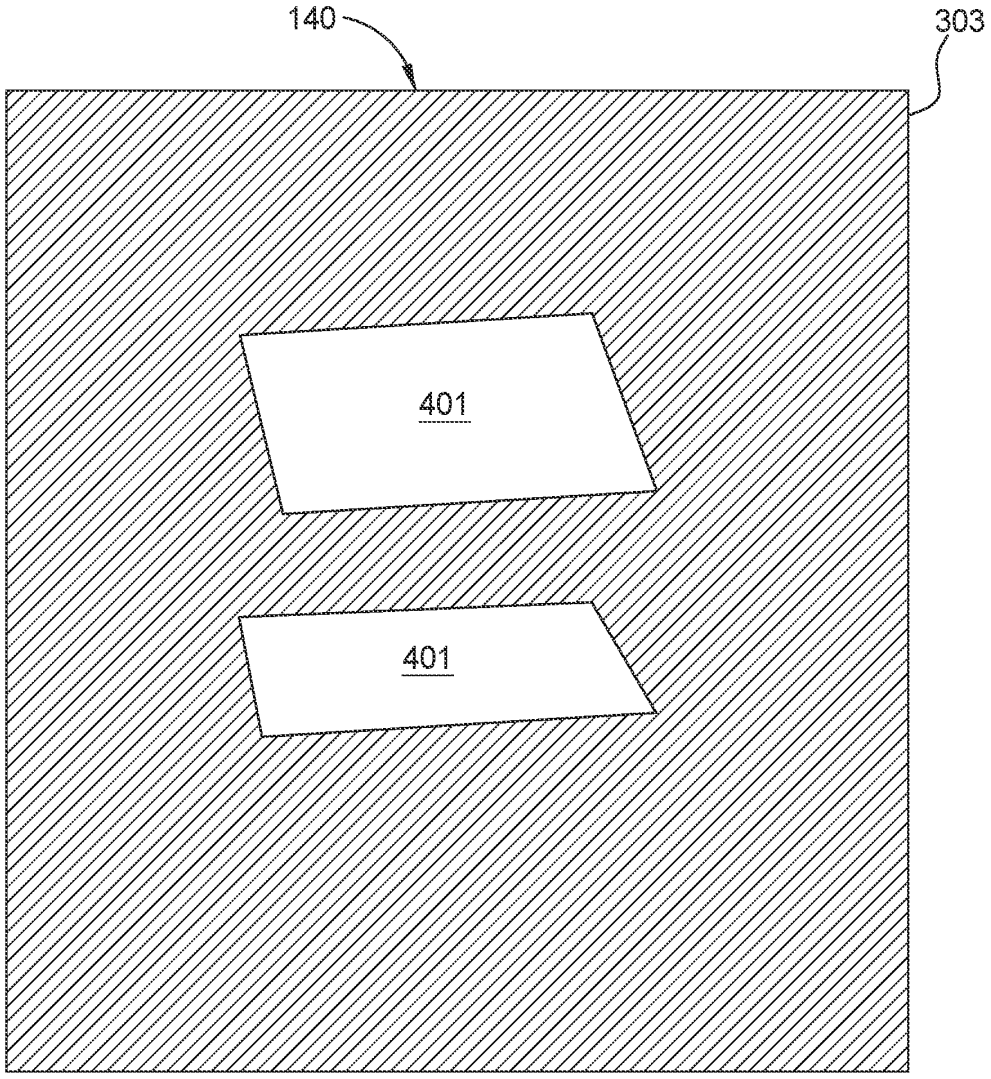


FIG. 8A

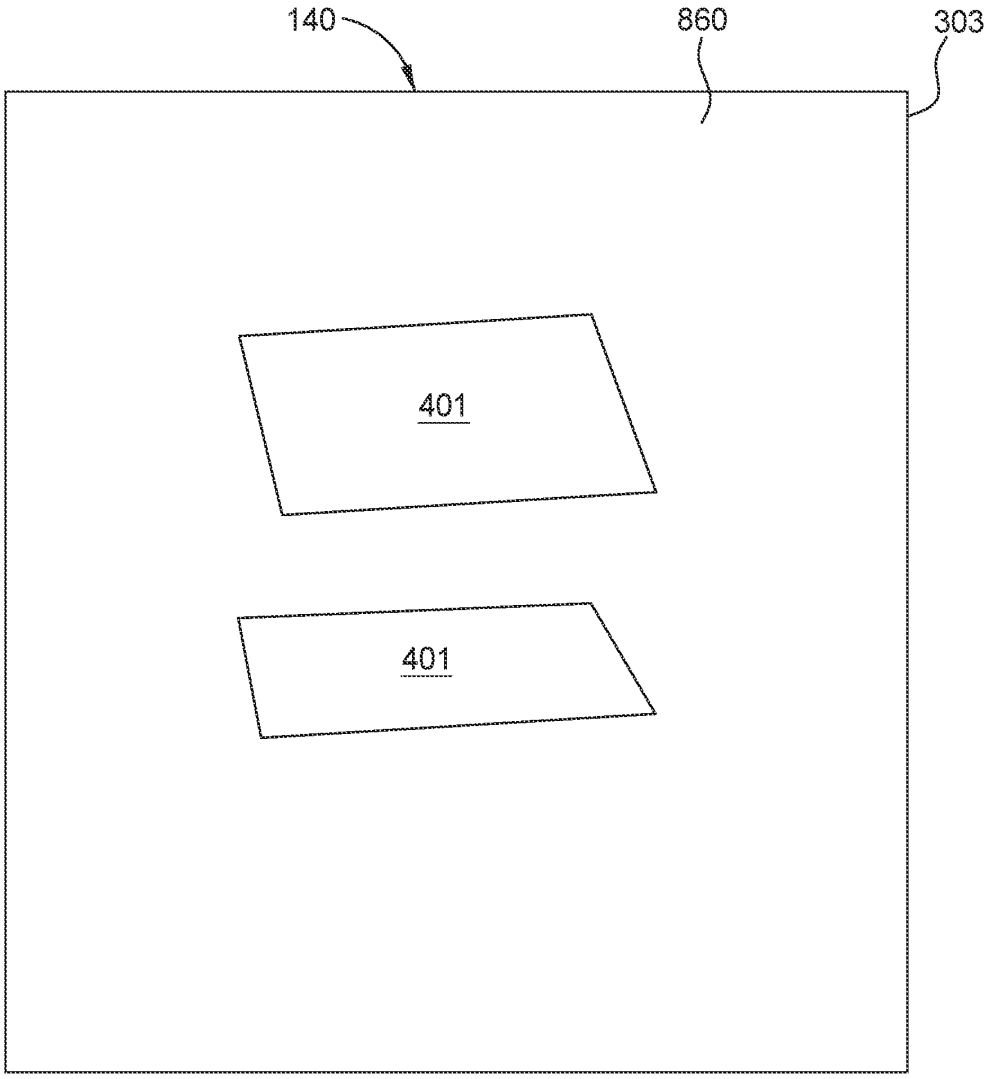


FIG. 8B

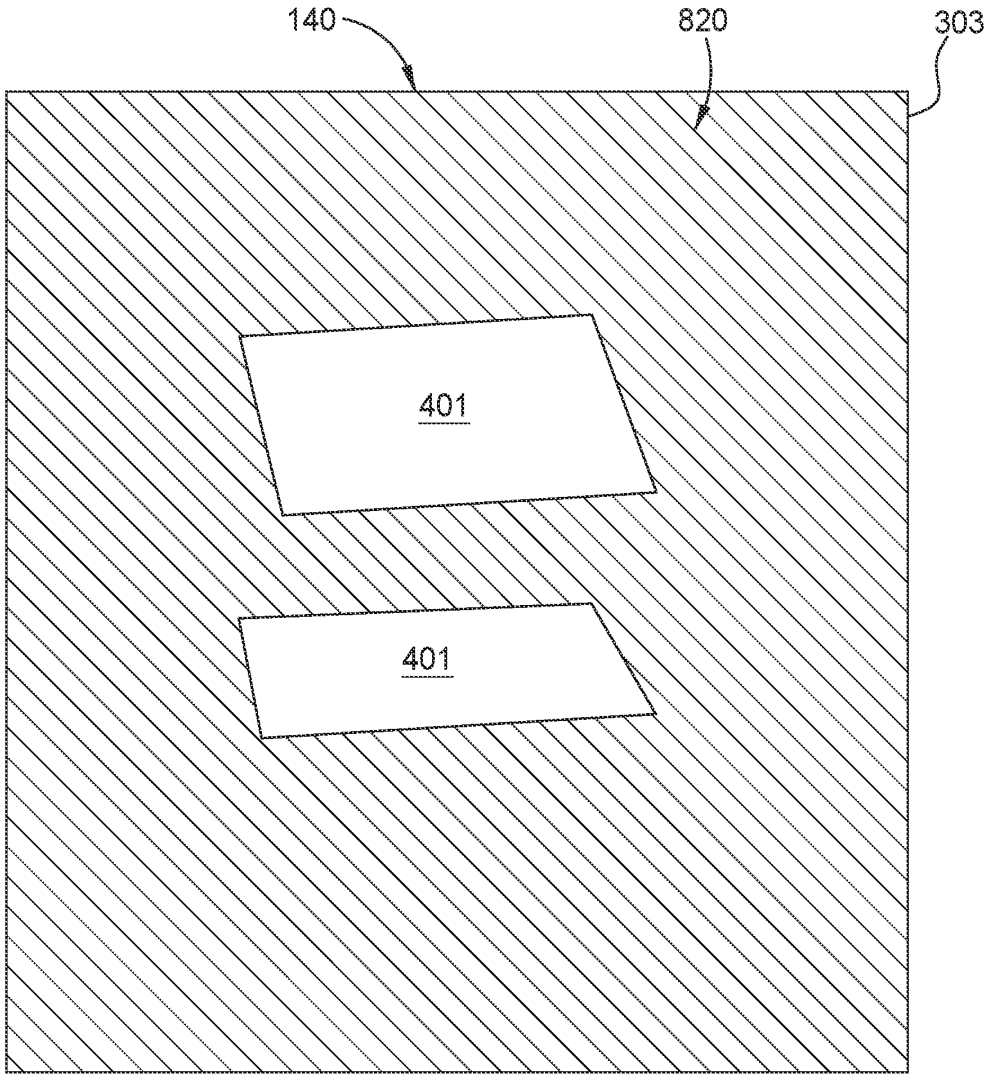


FIG. 8C

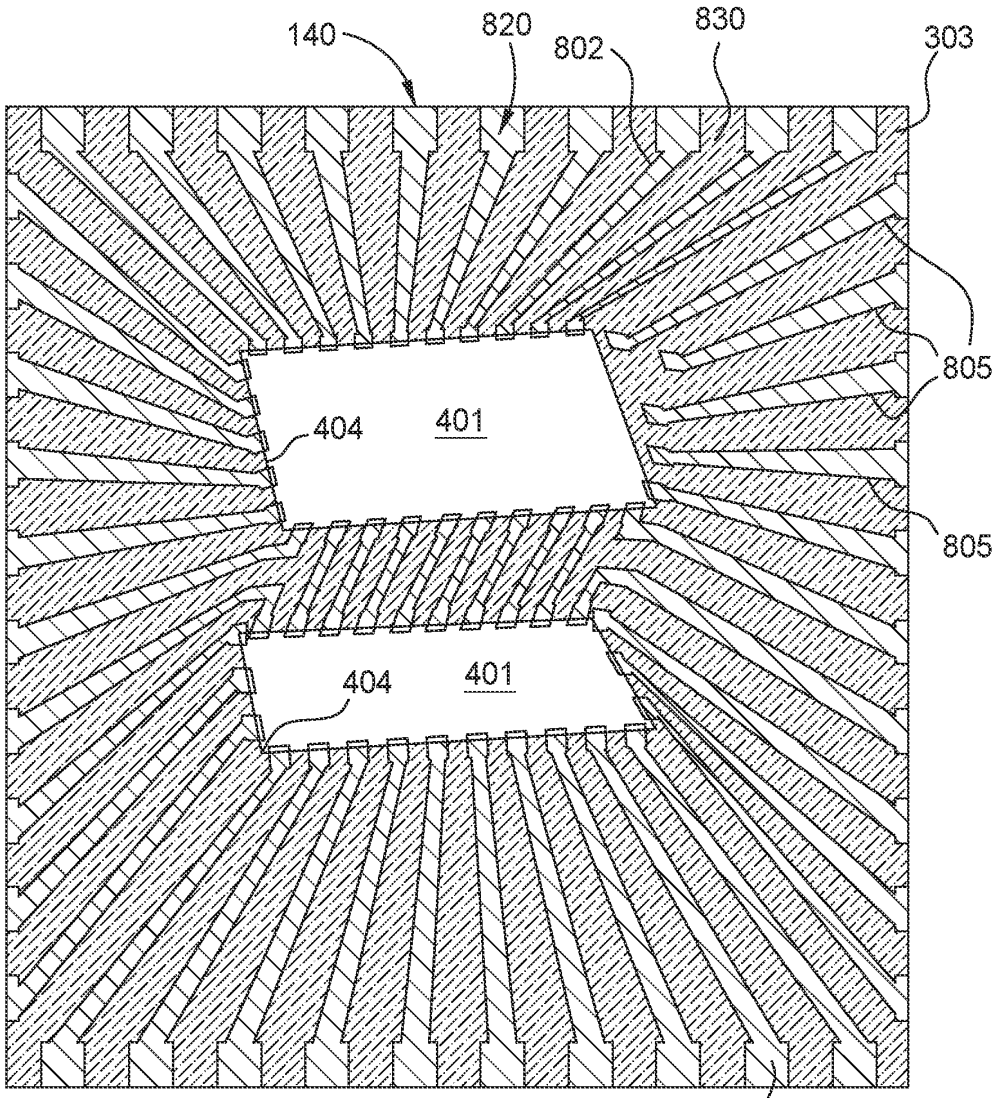


FIG. 8D

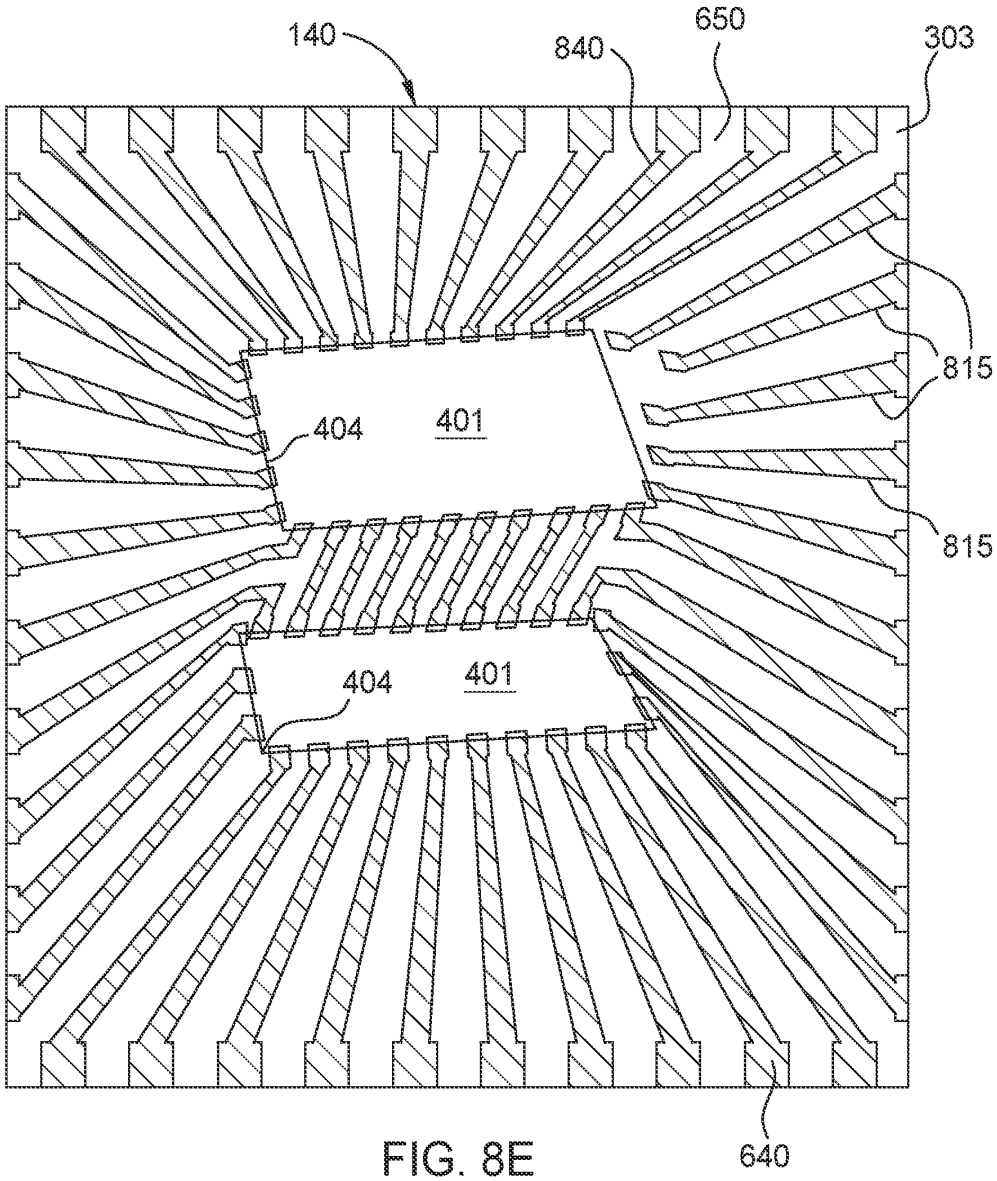


FIG. 8E

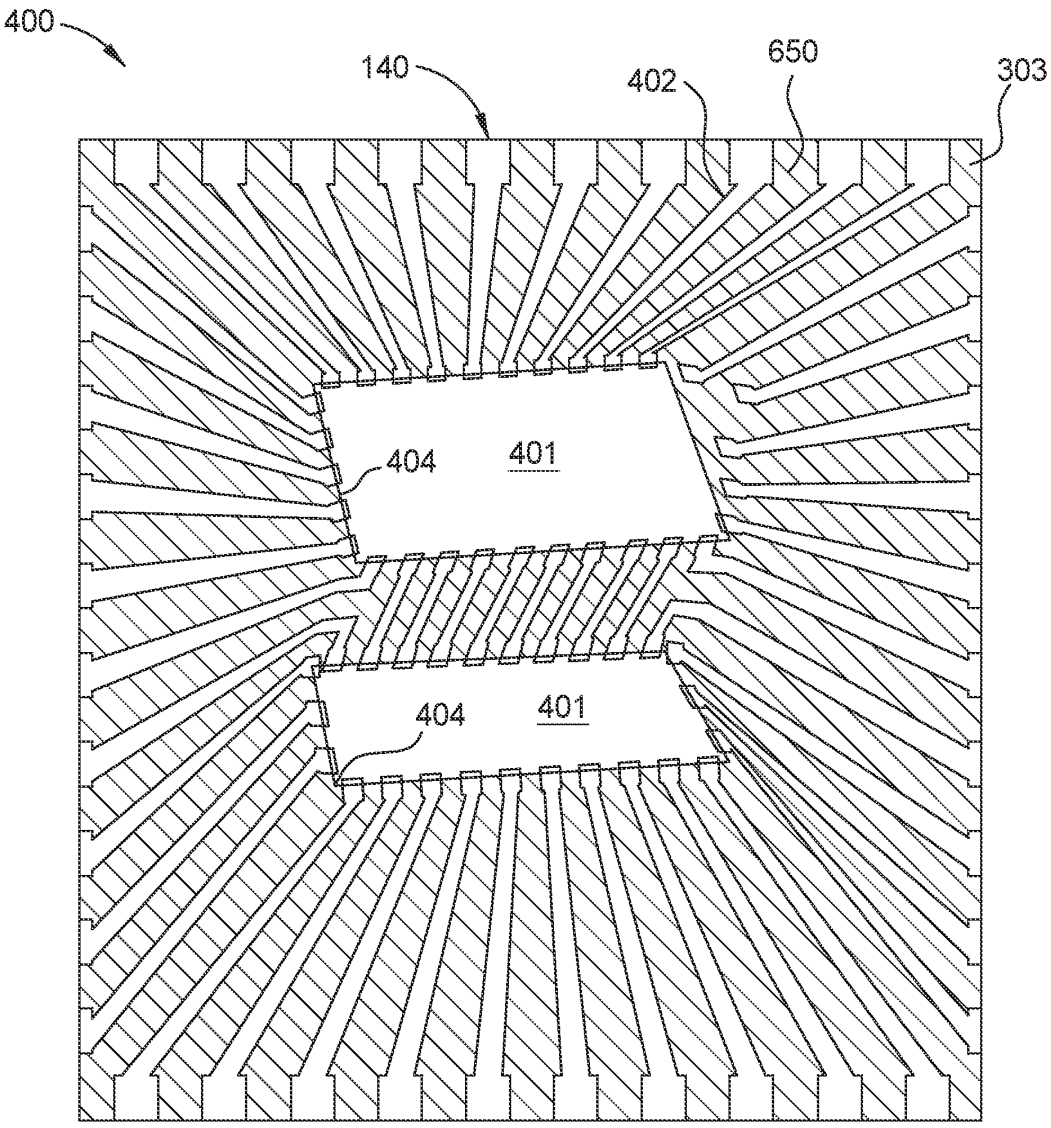


FIG. 8F