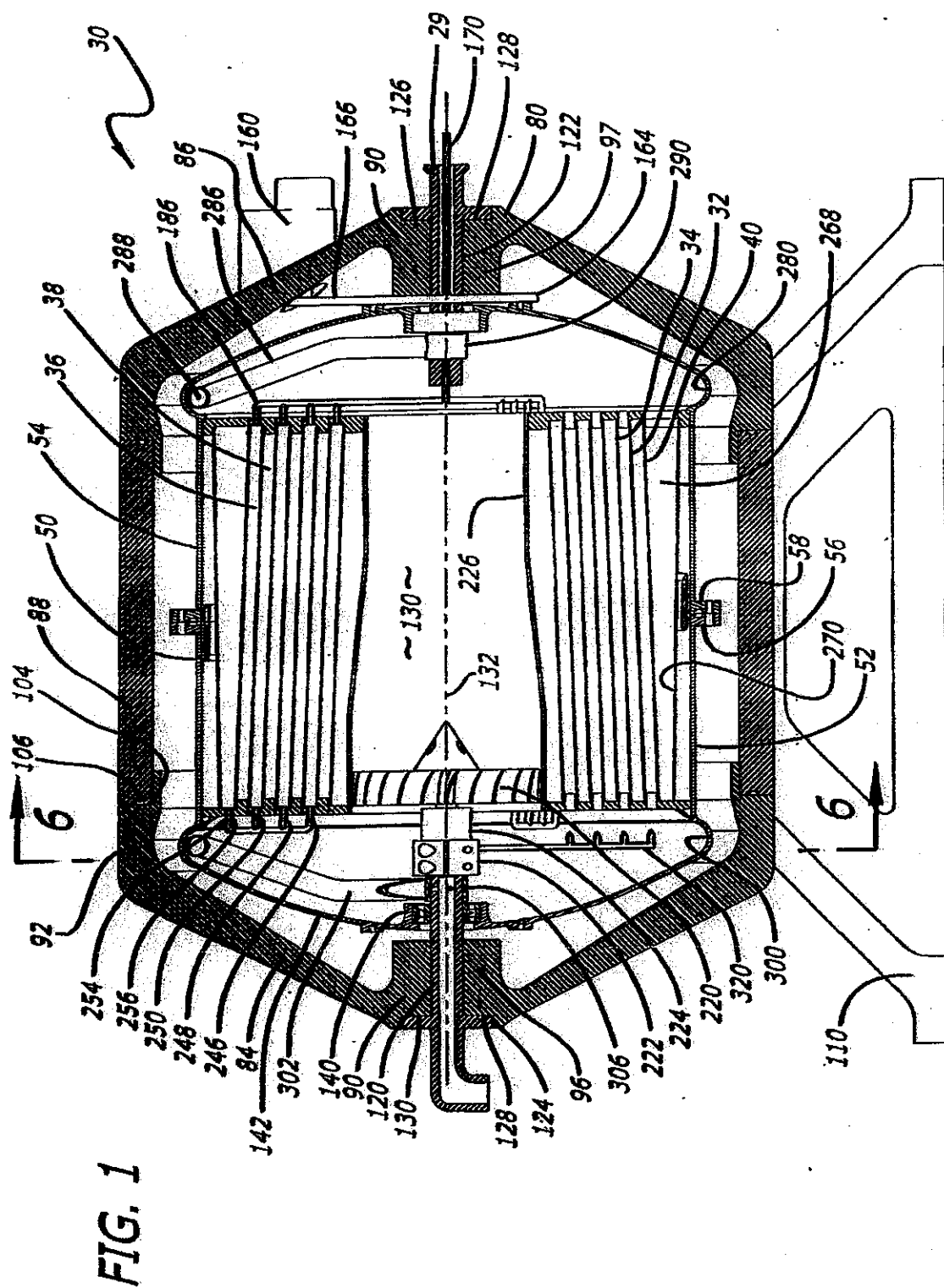
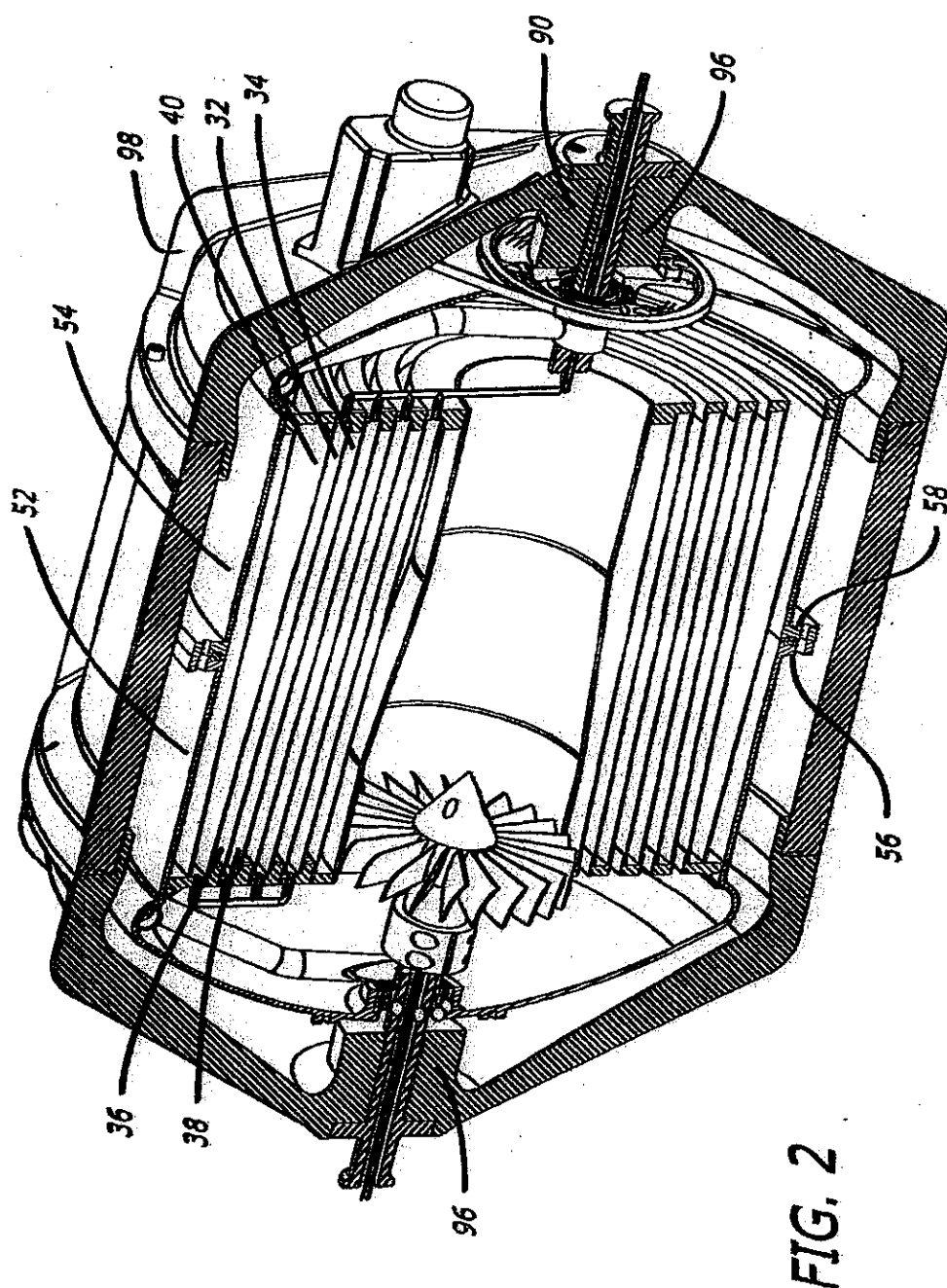


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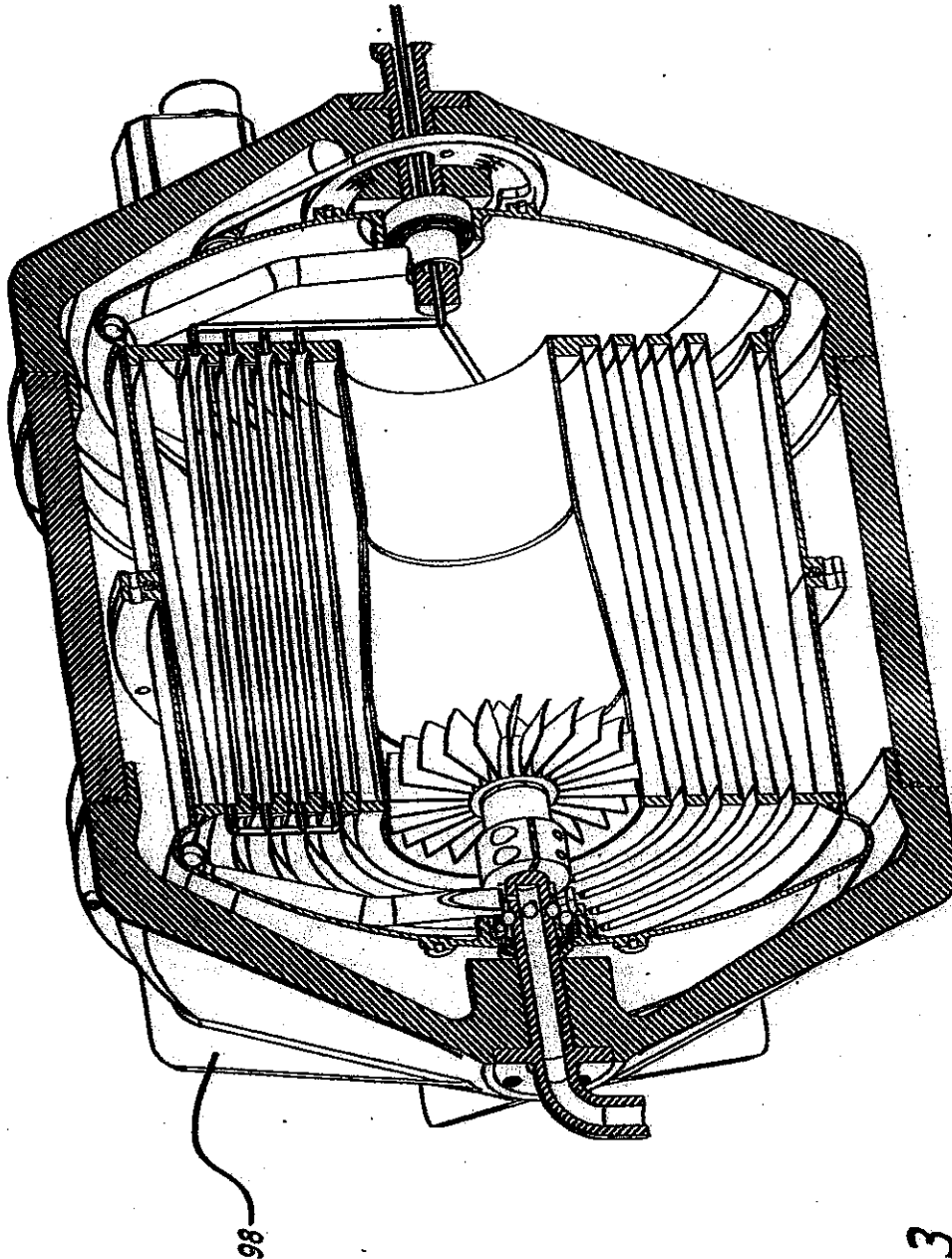


FIG. 3

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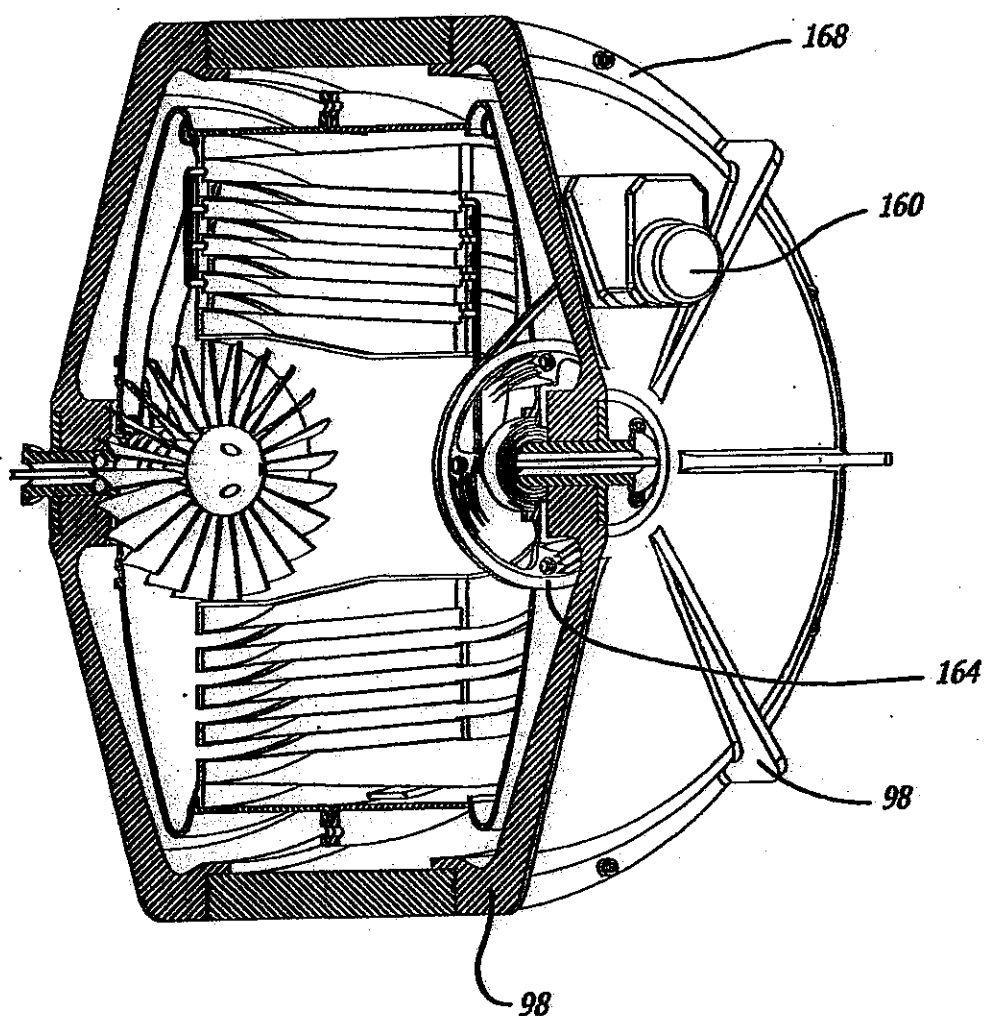


FIG. 4

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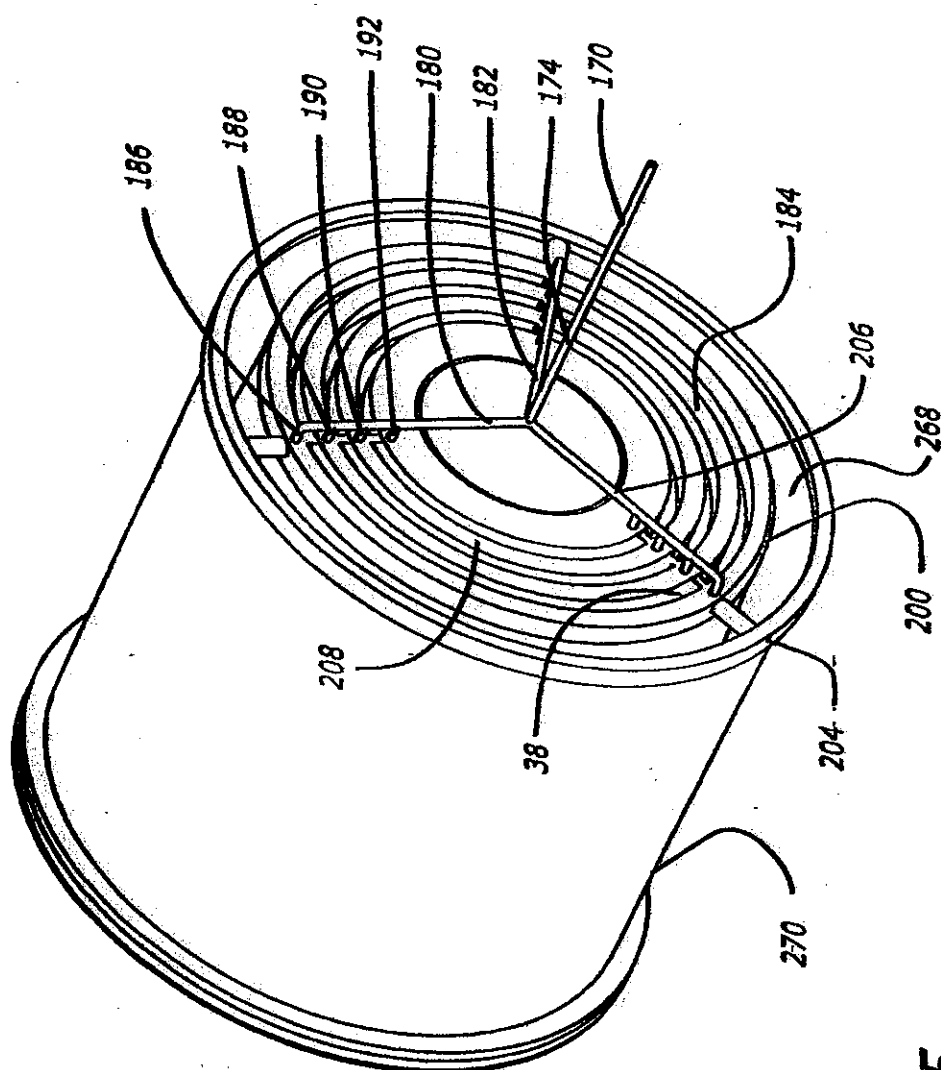


FIG. 5

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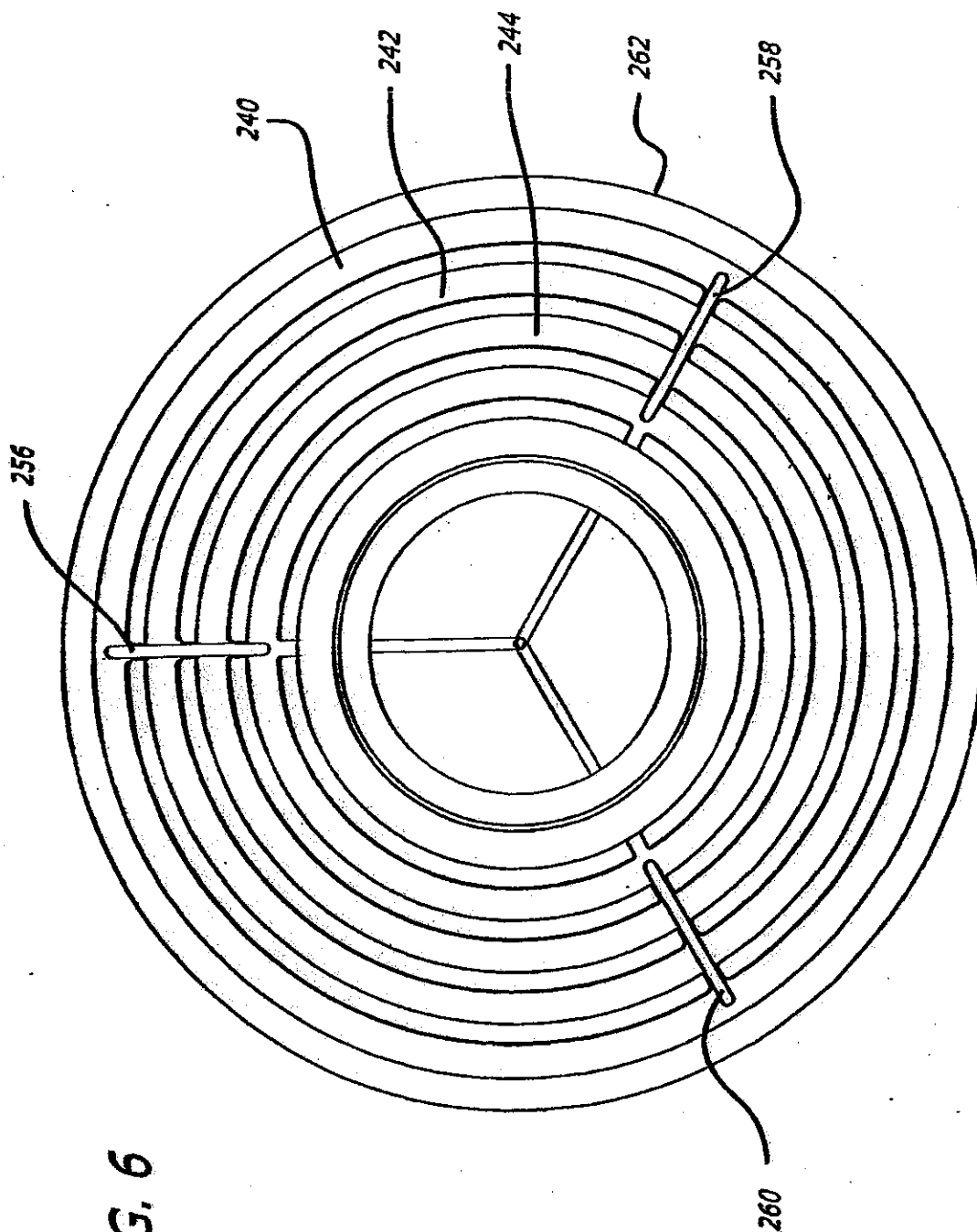


FIG. 6

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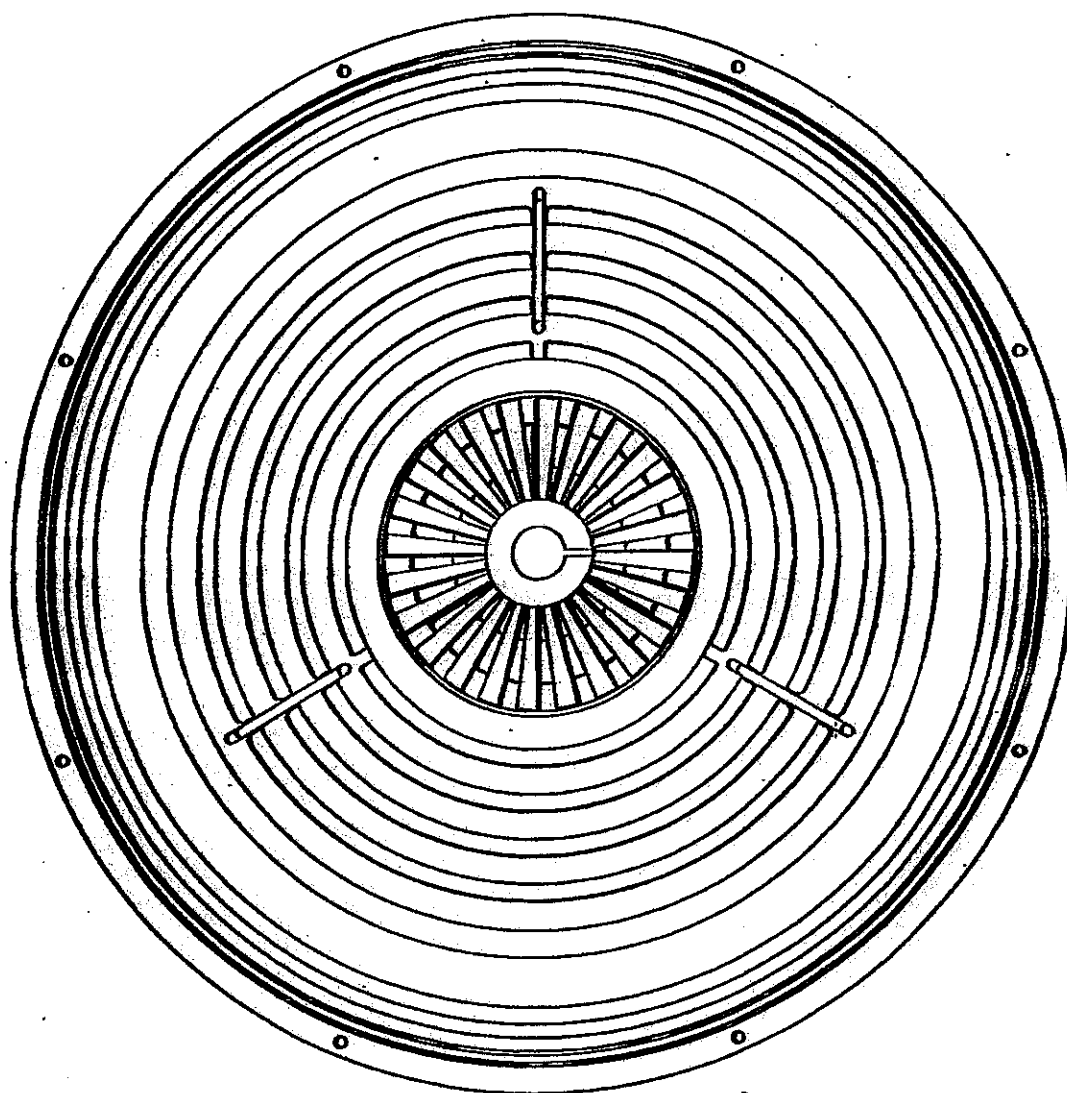


FIG. 7

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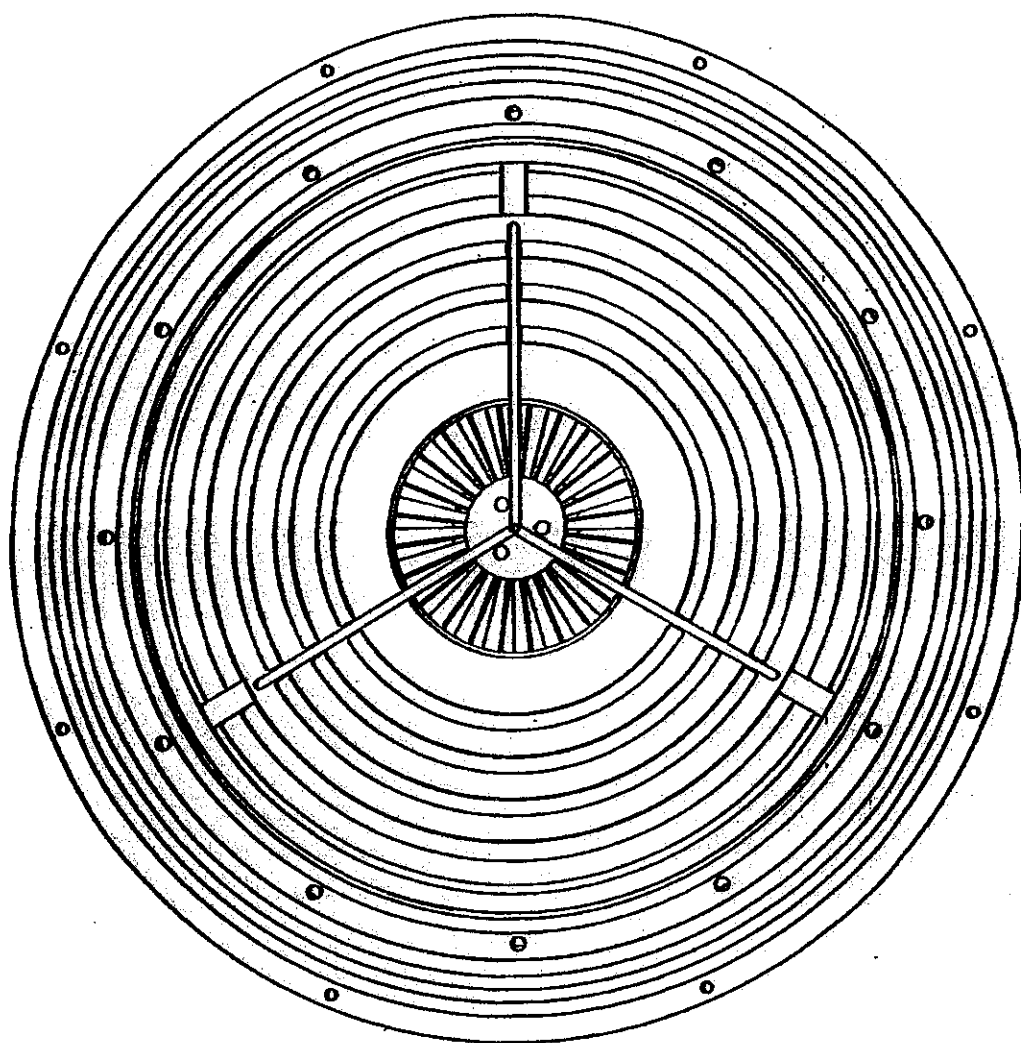
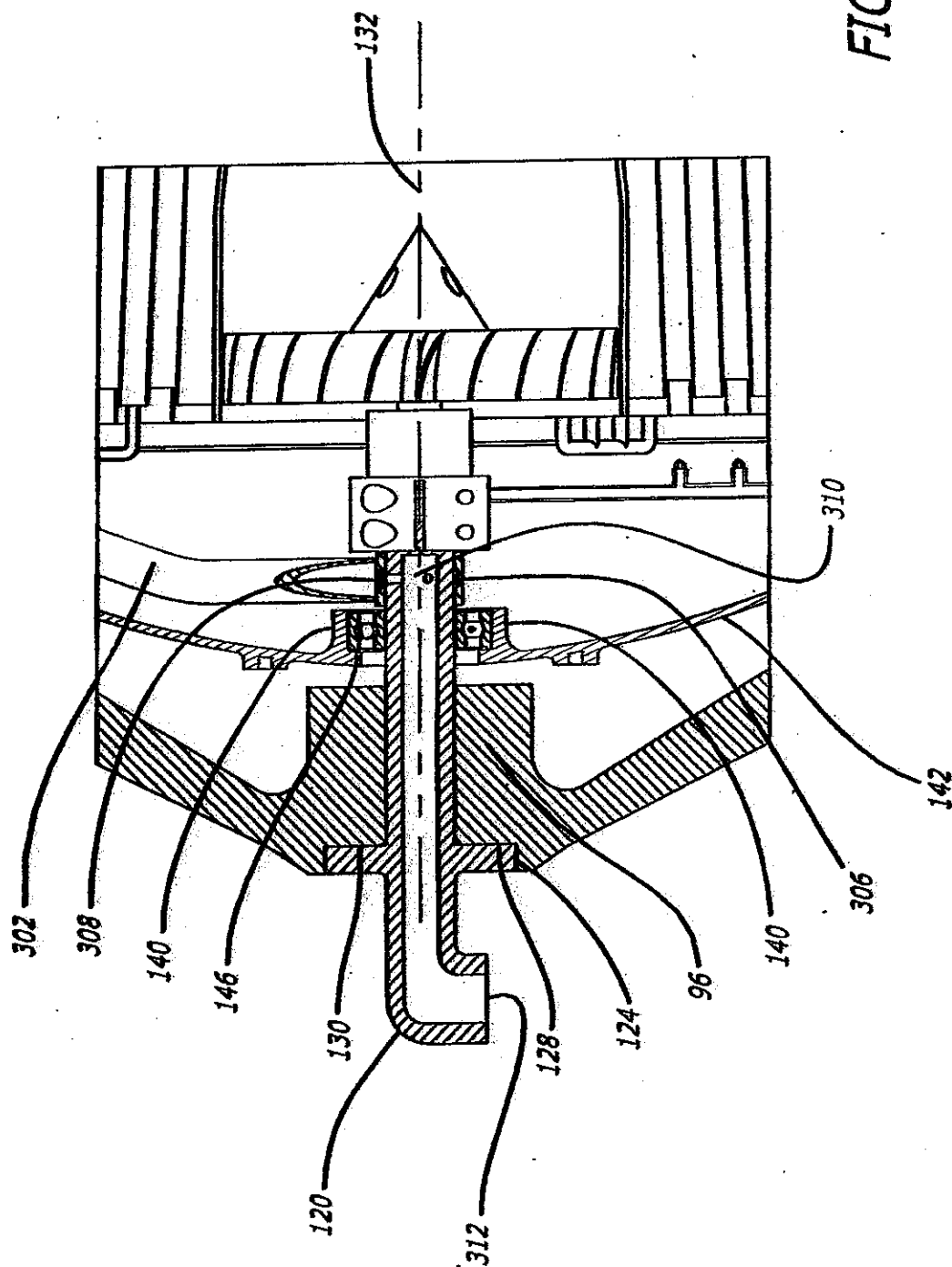
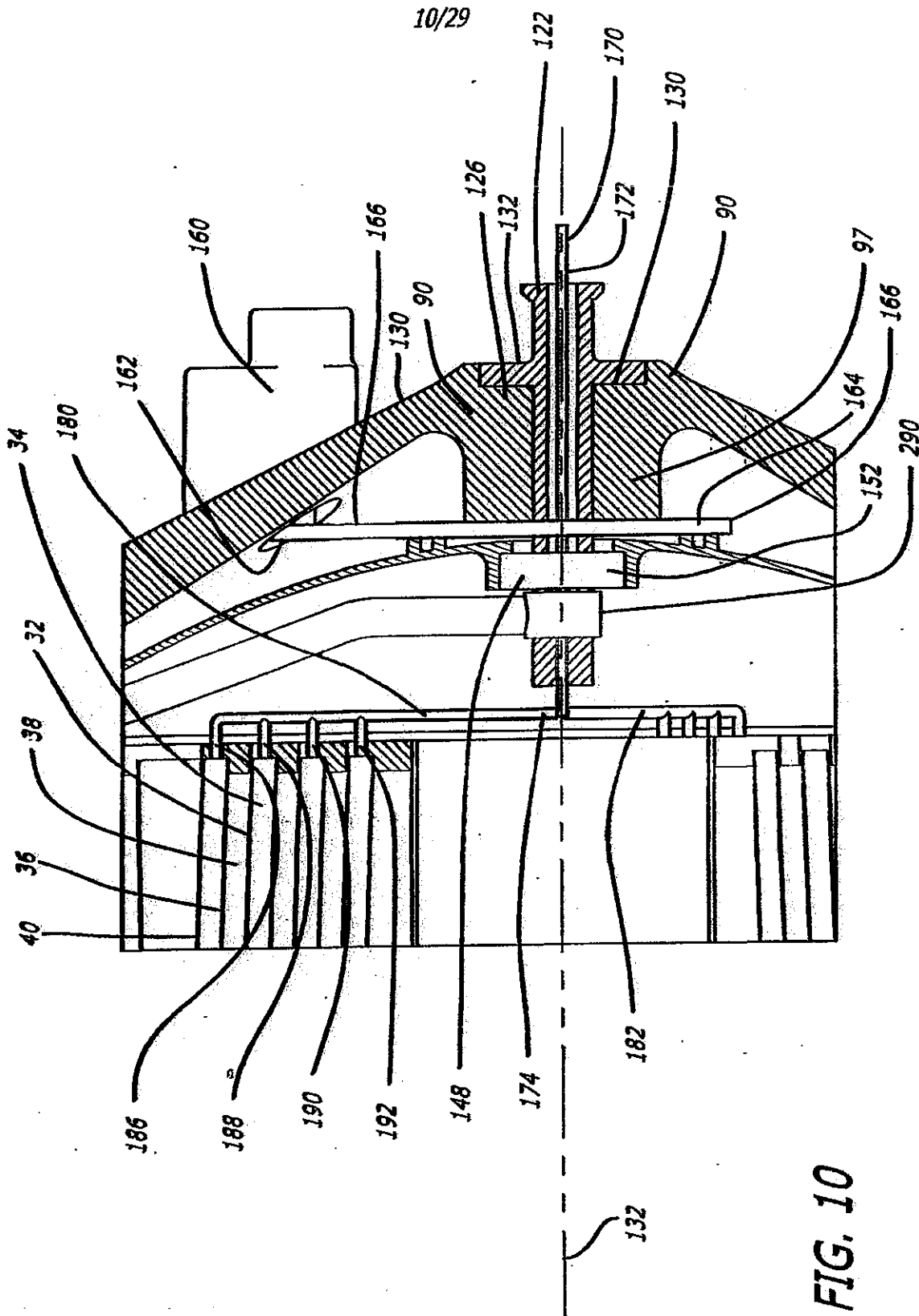


FIG. 8

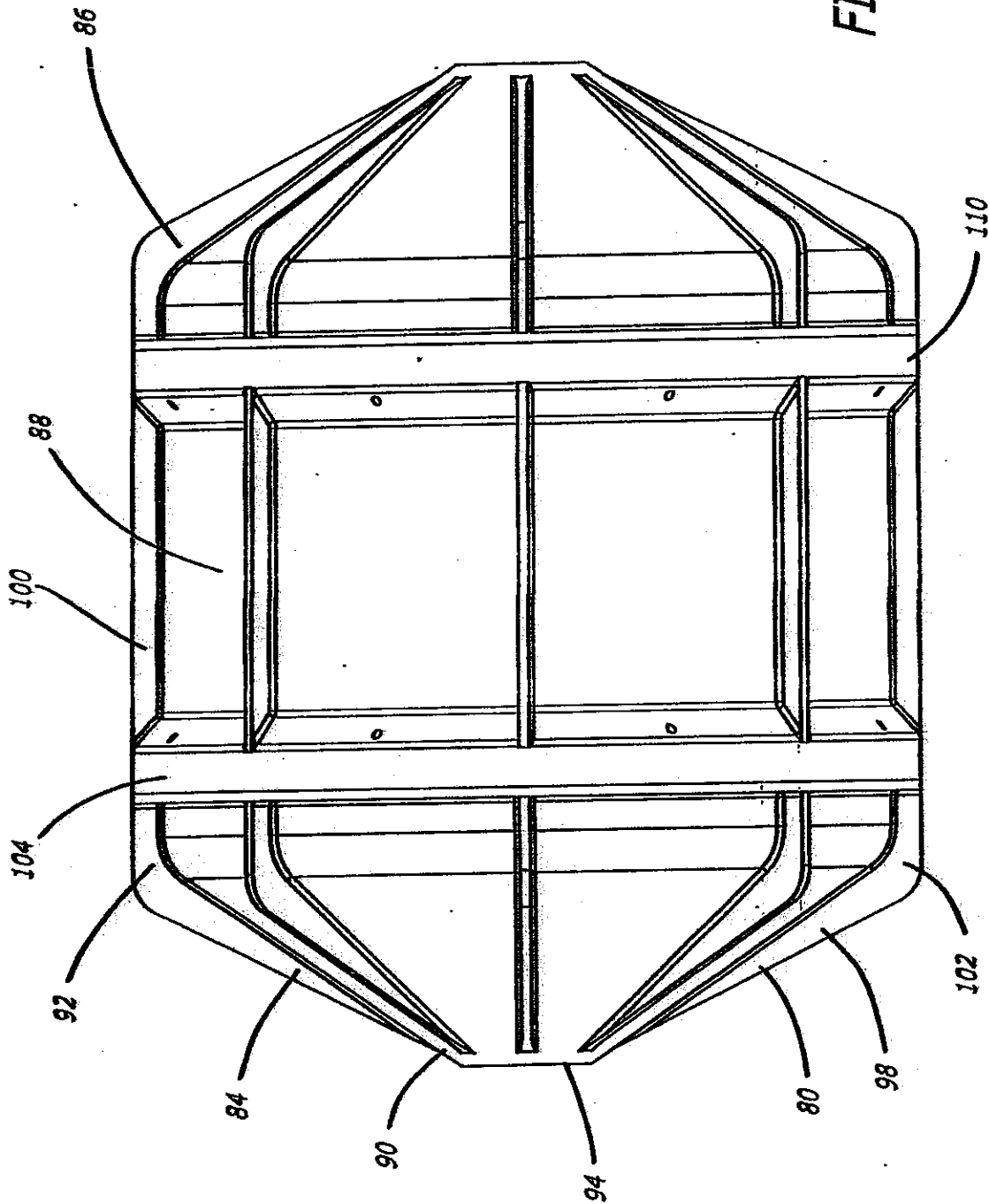
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FIG. 11



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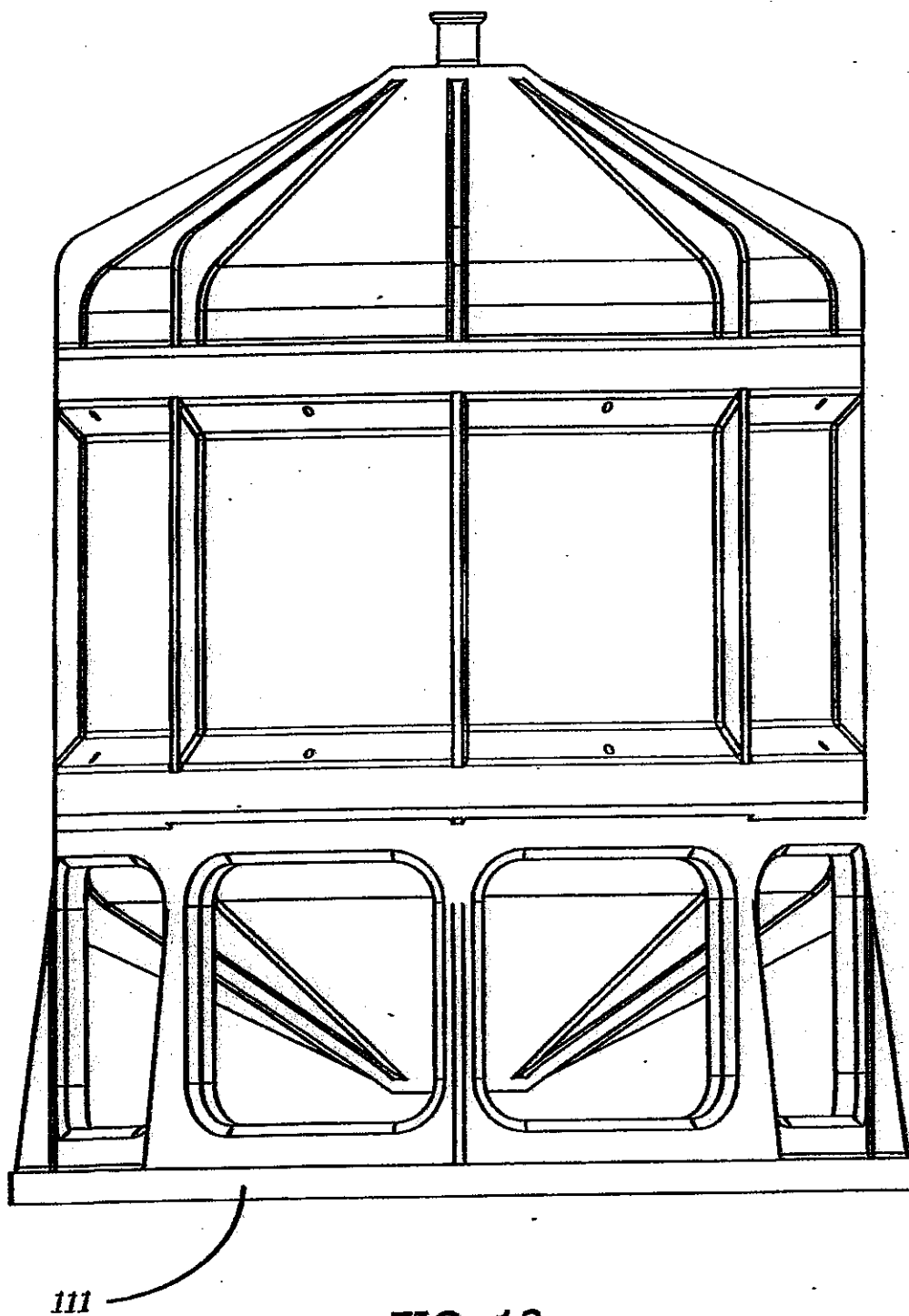
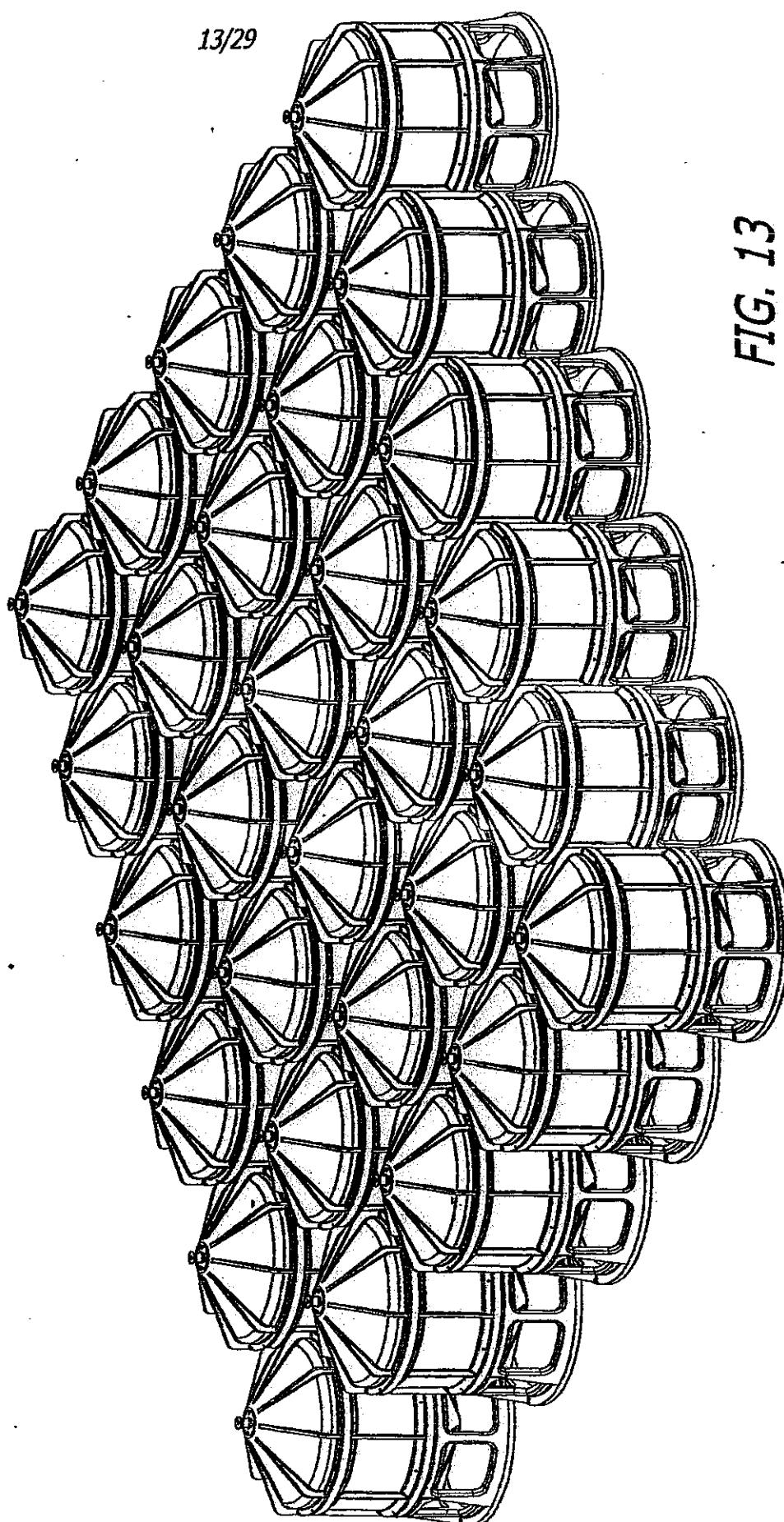
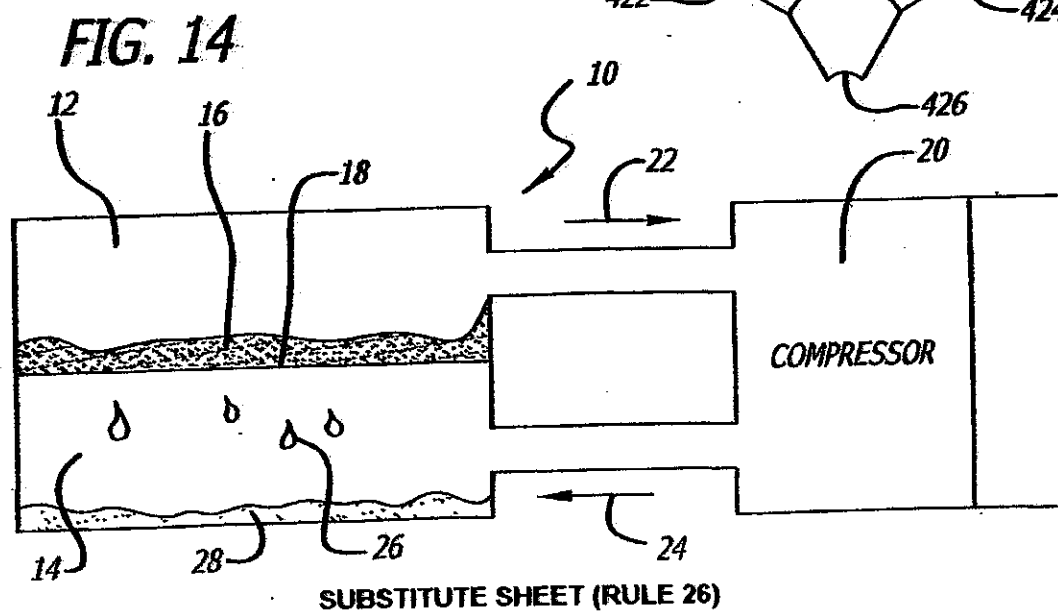
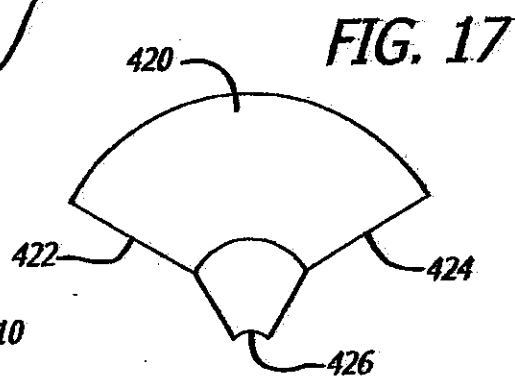
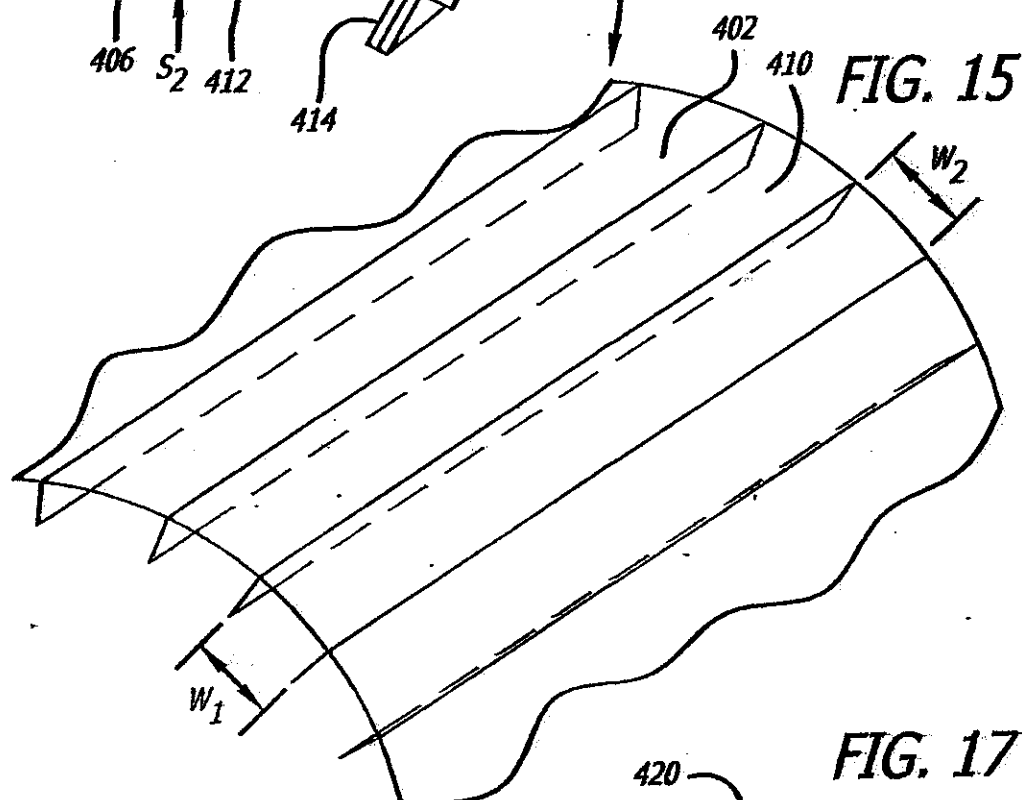
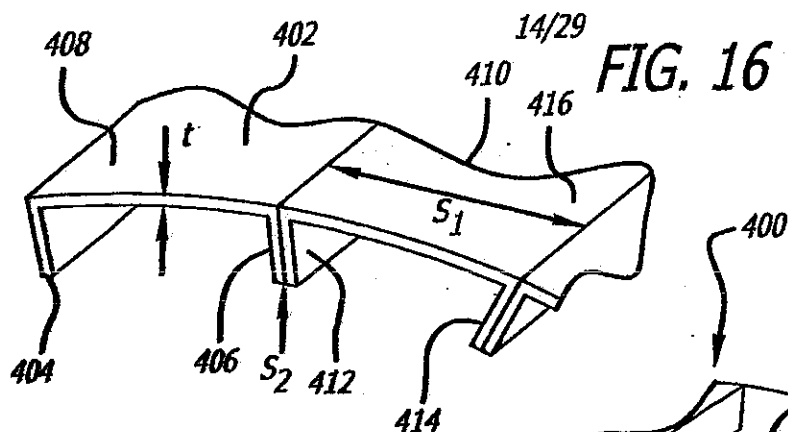


FIG. 12





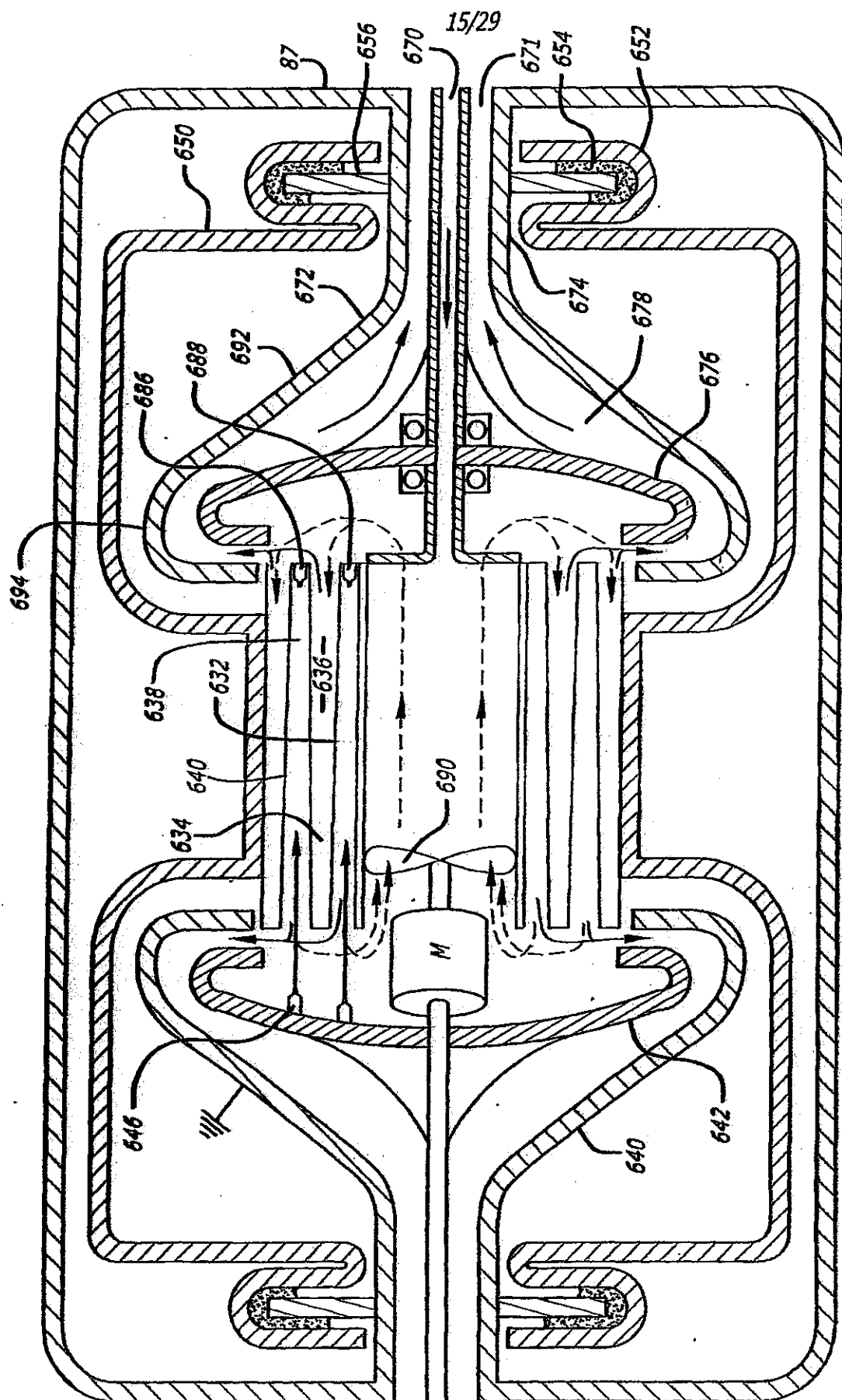


FIG. 18

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Boiling Heat Transfer Predictions

70 °F Ambient Input: $C_{sf} = 0.0058$ (Teflon Coated Stainless)

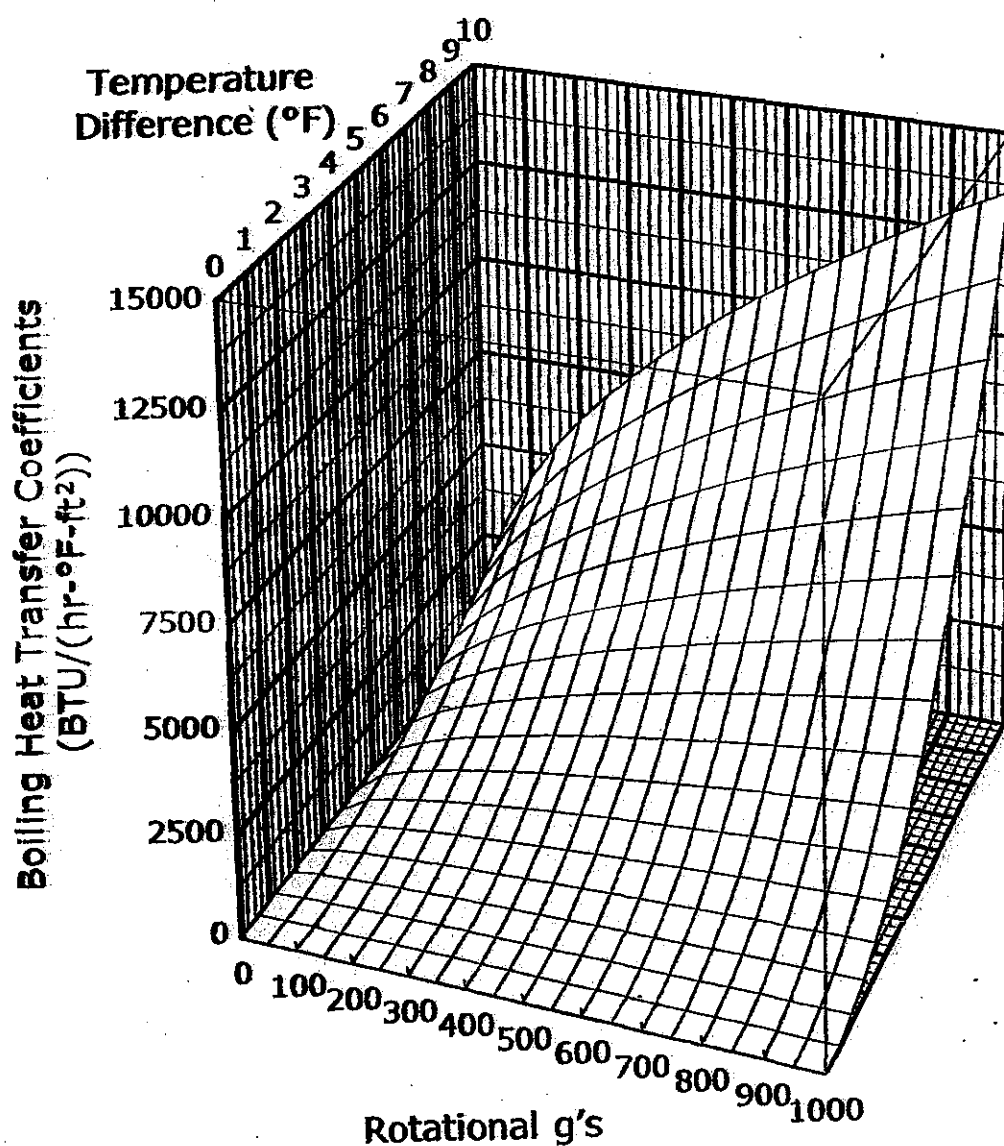


FIG. 19

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Boiling Heat Transfer Predictions

70 °F Ambient Input: $C_{sf} = 0.0080$ (Ground Polished Stainless)

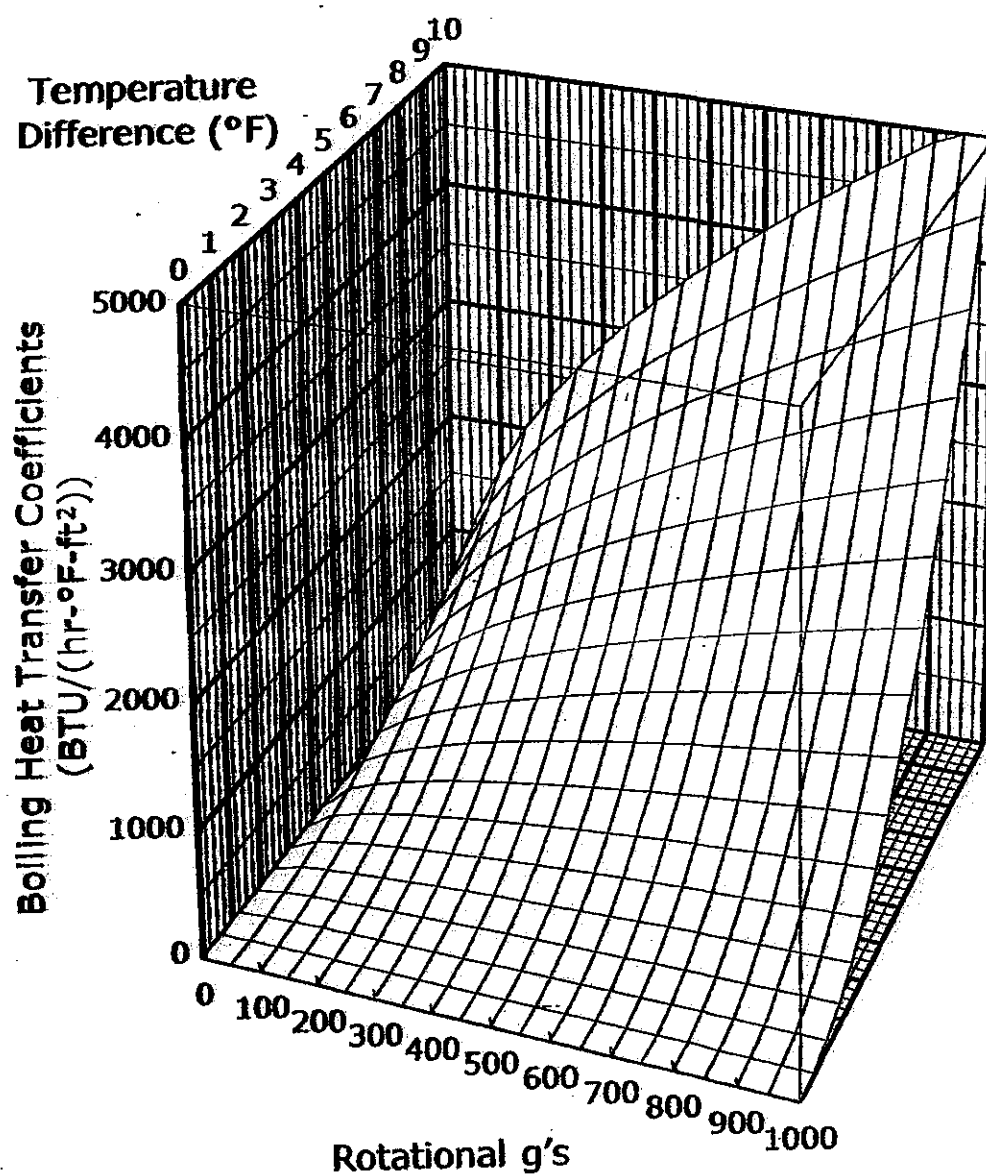


FIG. 20

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Boiling Heat Transfer Predictions

90 °F Ambient Input: $C_{sf} = 0.0058$ (Teflon Coated Stainless)

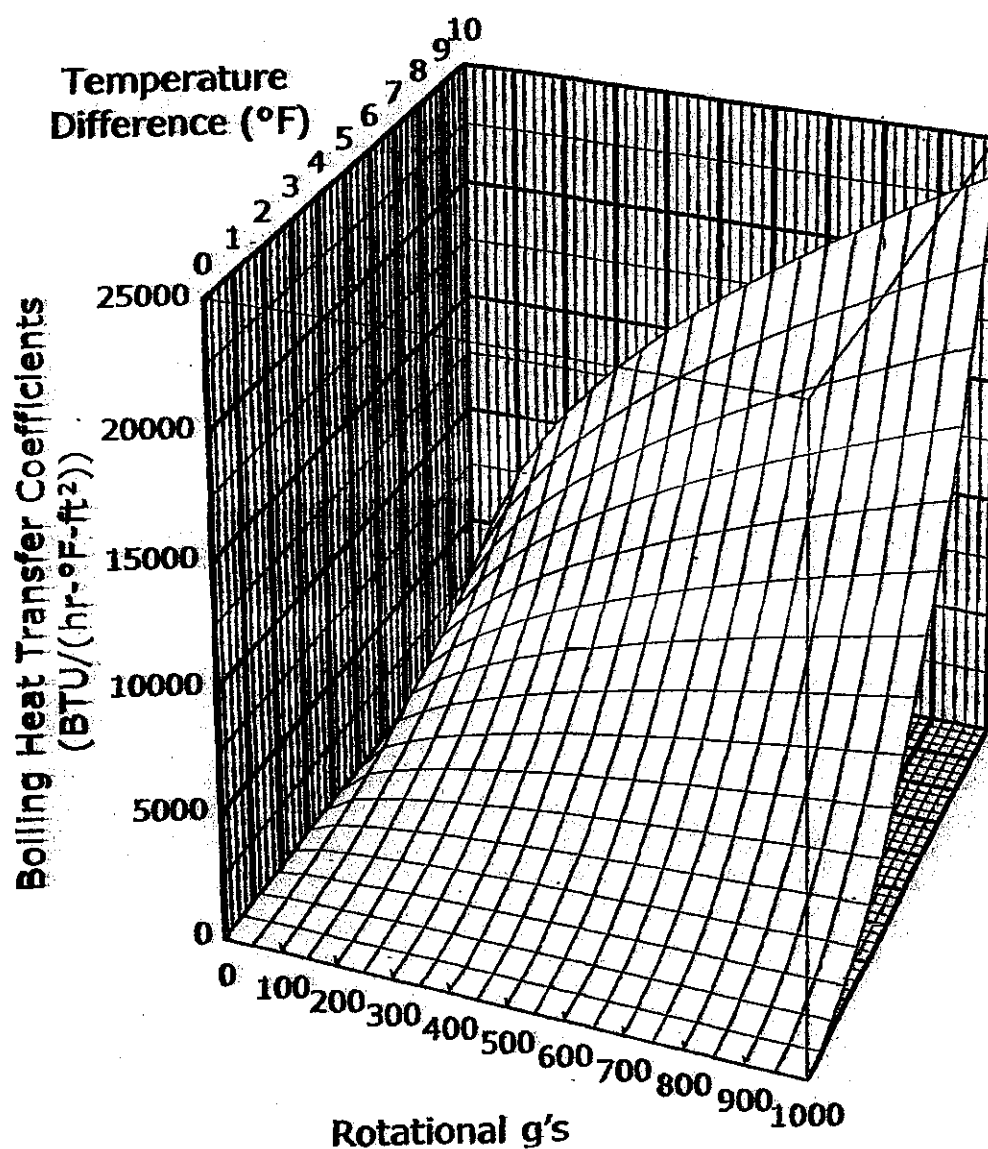


FIG. 21

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Boiling Heat Transfer Predictions

90 °F Ambient Input: $C_{sf} = 0.0080$ (Ground Polished Stainless)

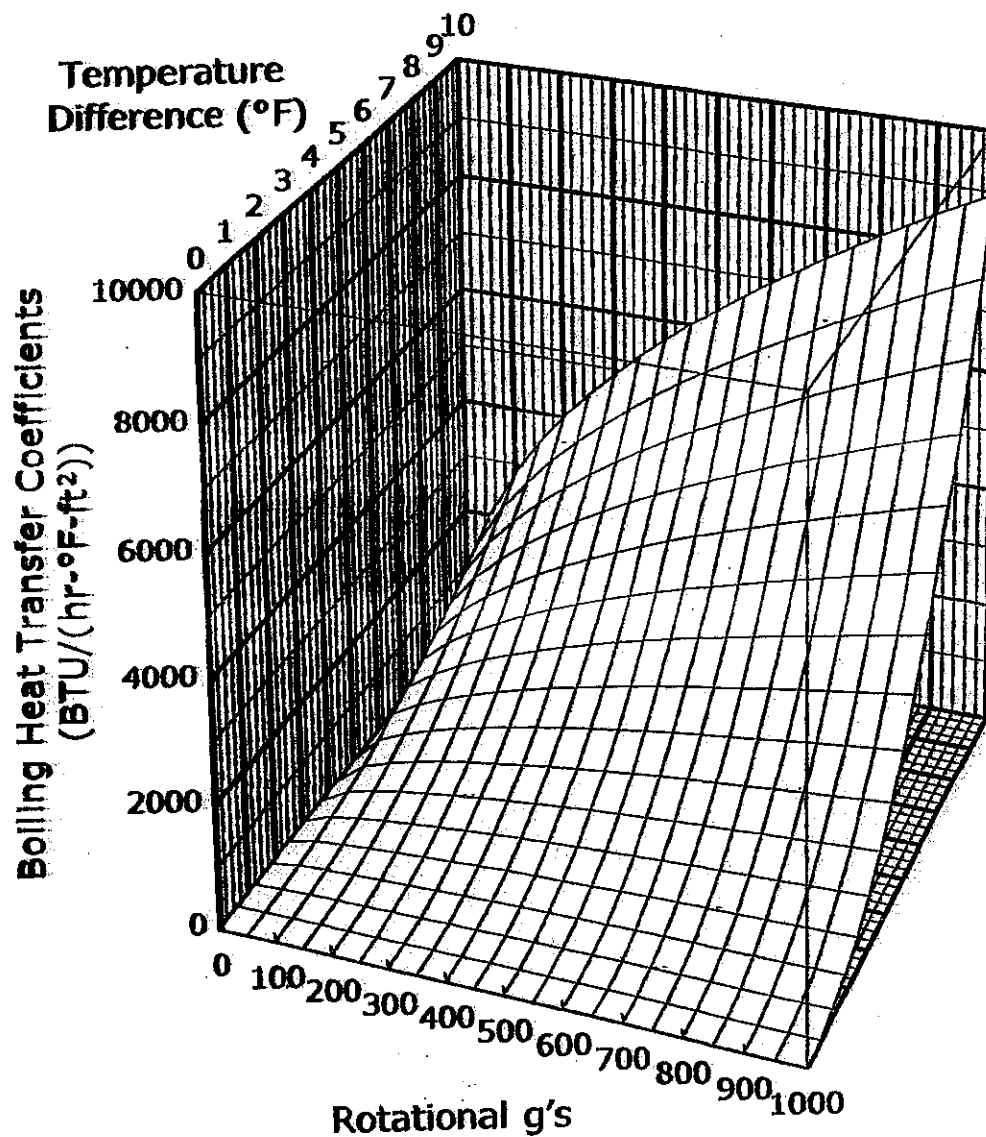


FIG. 22

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Boiling Heat Transfer Predictions

110 °F Ambient Input: $C_{sf} = 0.0058$ (Teflon Coated Stainless)

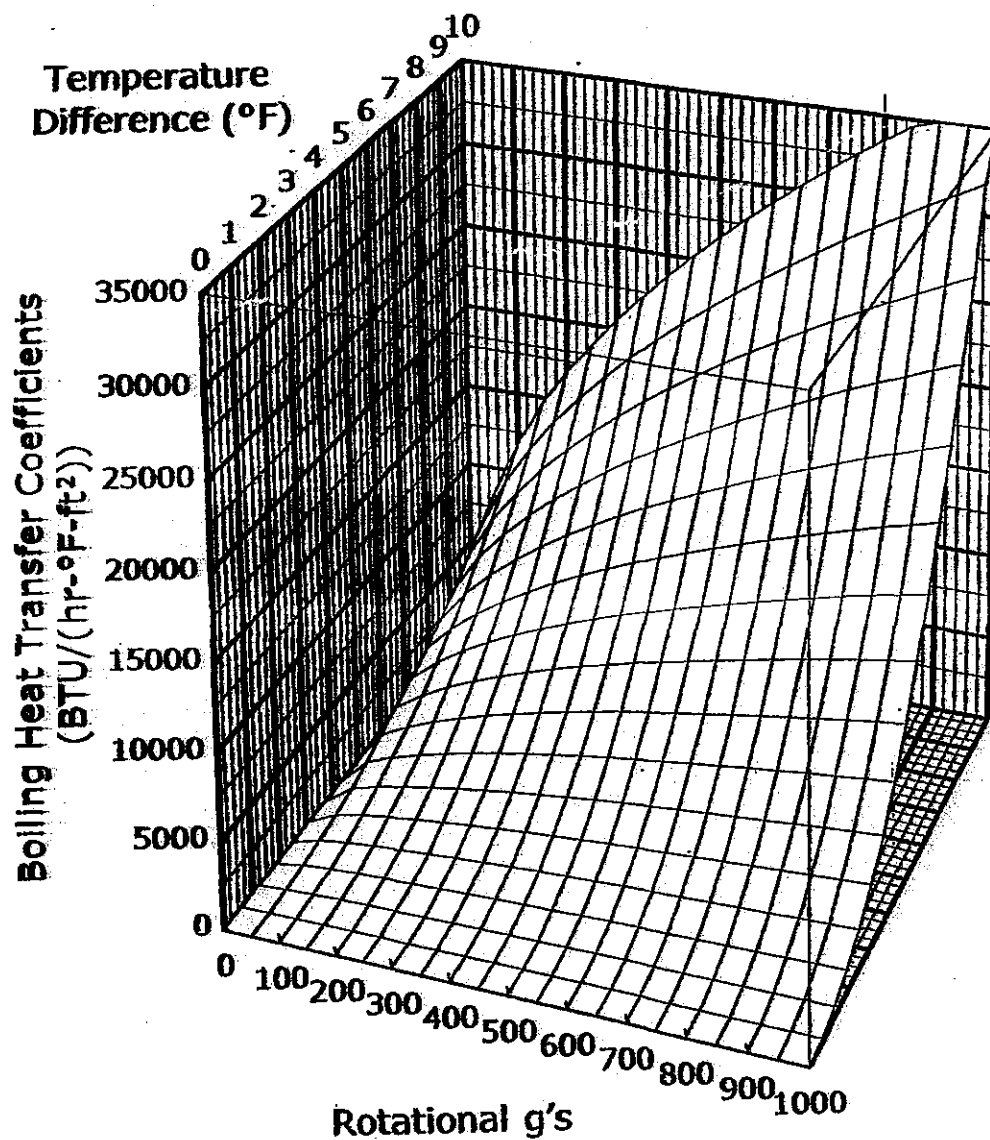


FIG. 23

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Boiling Heat Transfer Predictions

110 °F Ambient Input: $C_{SF} = 0.0080$ (Ground Polished Stainless)

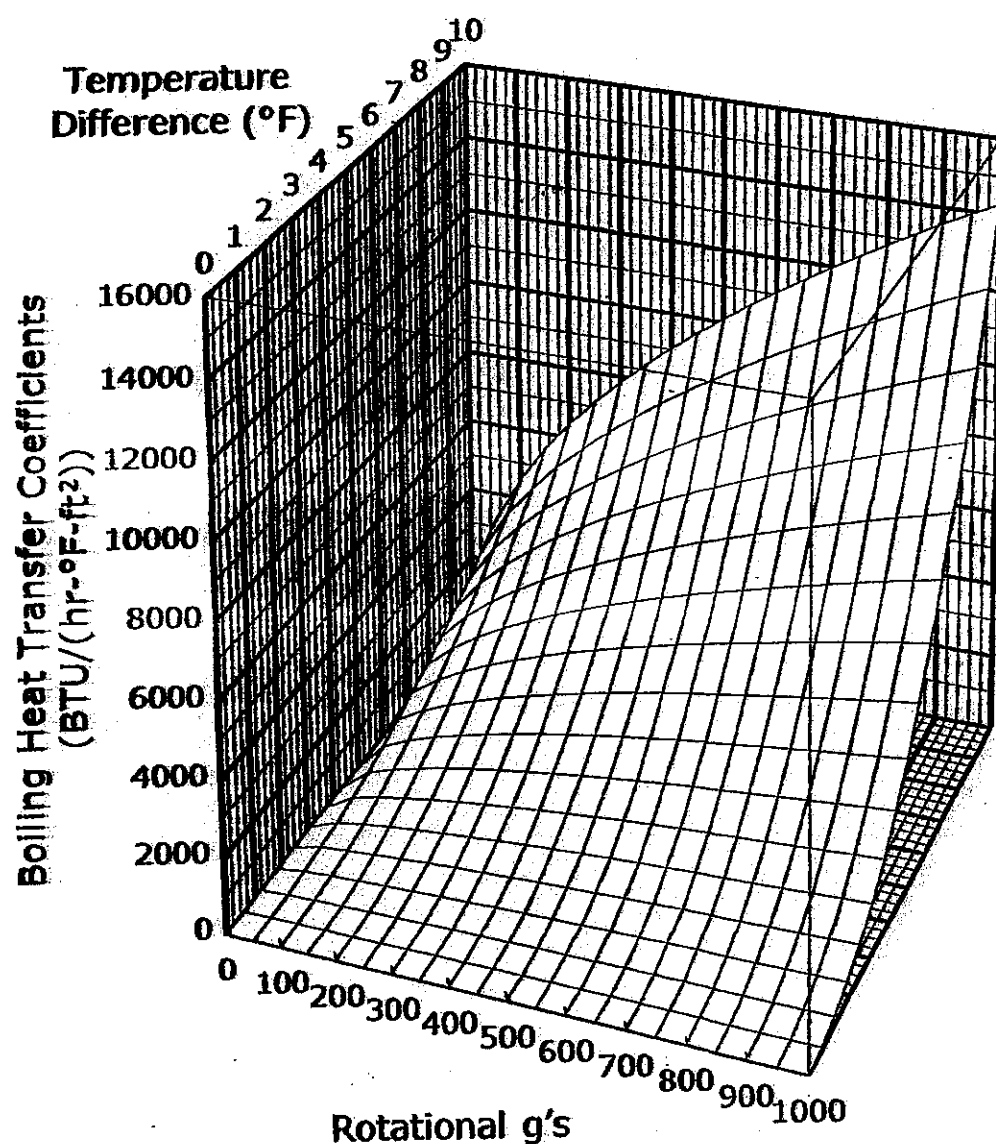


FIG. 24

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Boiler Shell Stress No Fluid Loading

5 foot Diameter: 0.015 inch Wall Thickness Stainless Steel

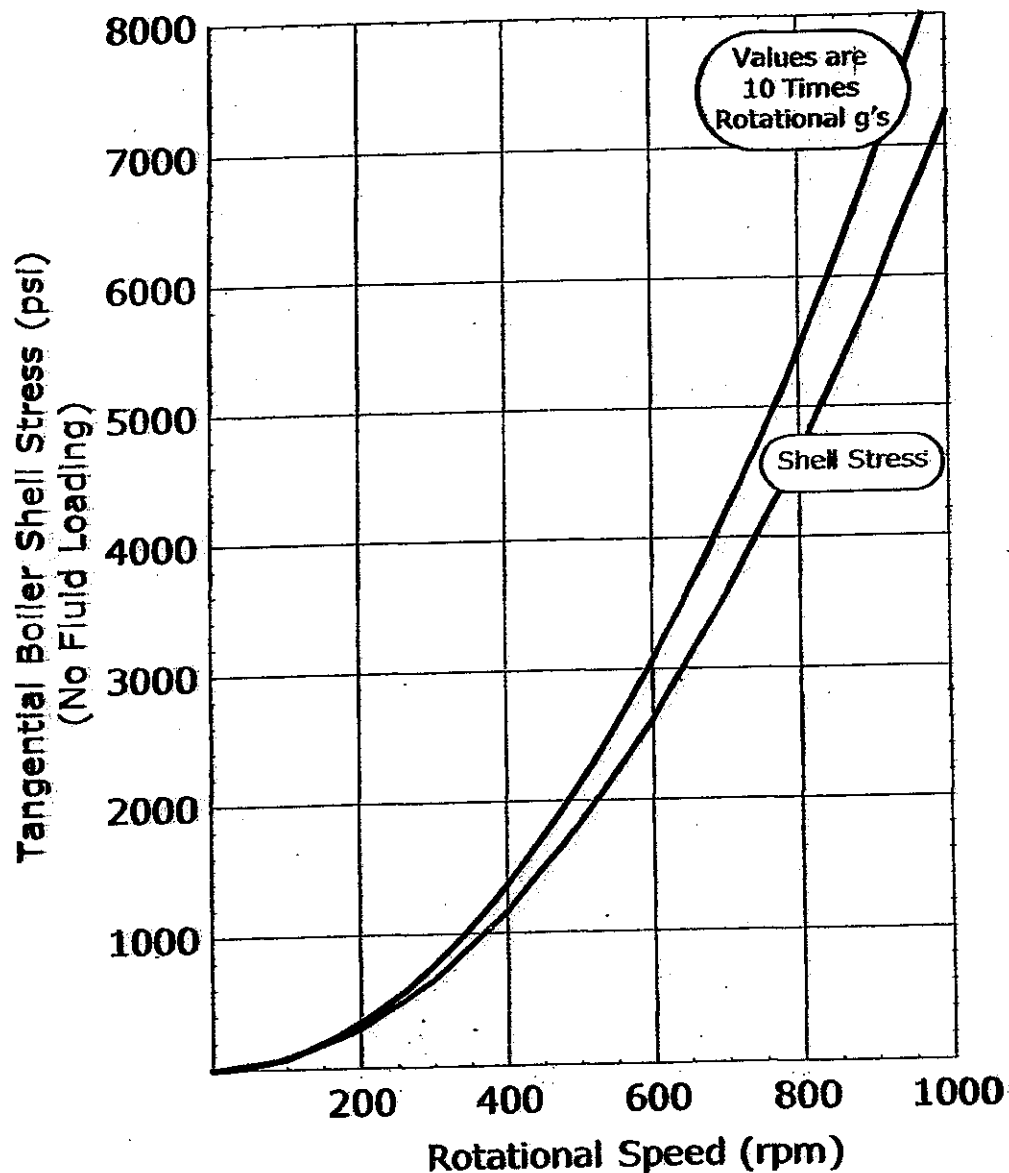


FIG. 25

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Boiler Shell Stress With Fluid Loading

5 foot Diameter: 0.015 inch Wall Thickness Stainless Steel
0.07 inch Water Fluid Thickness

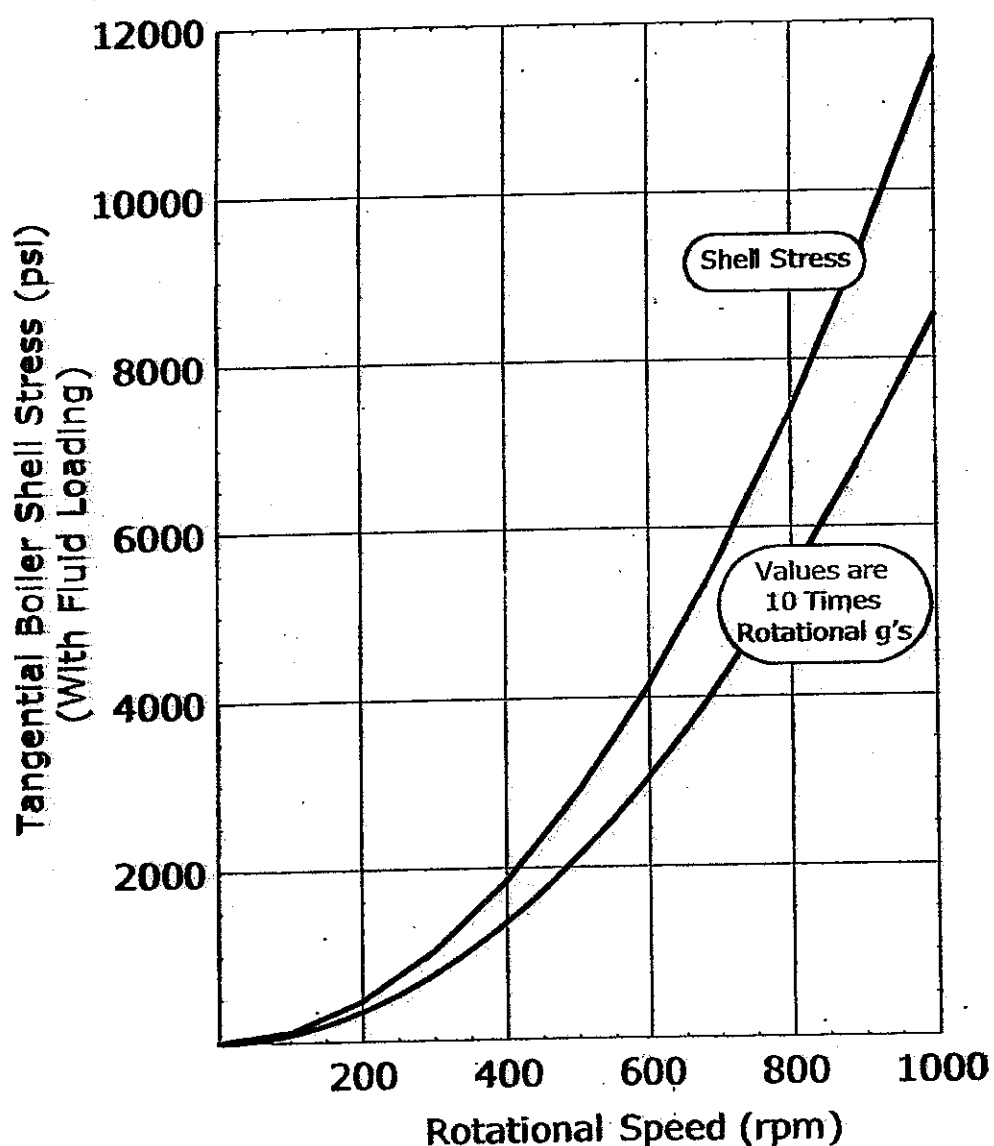
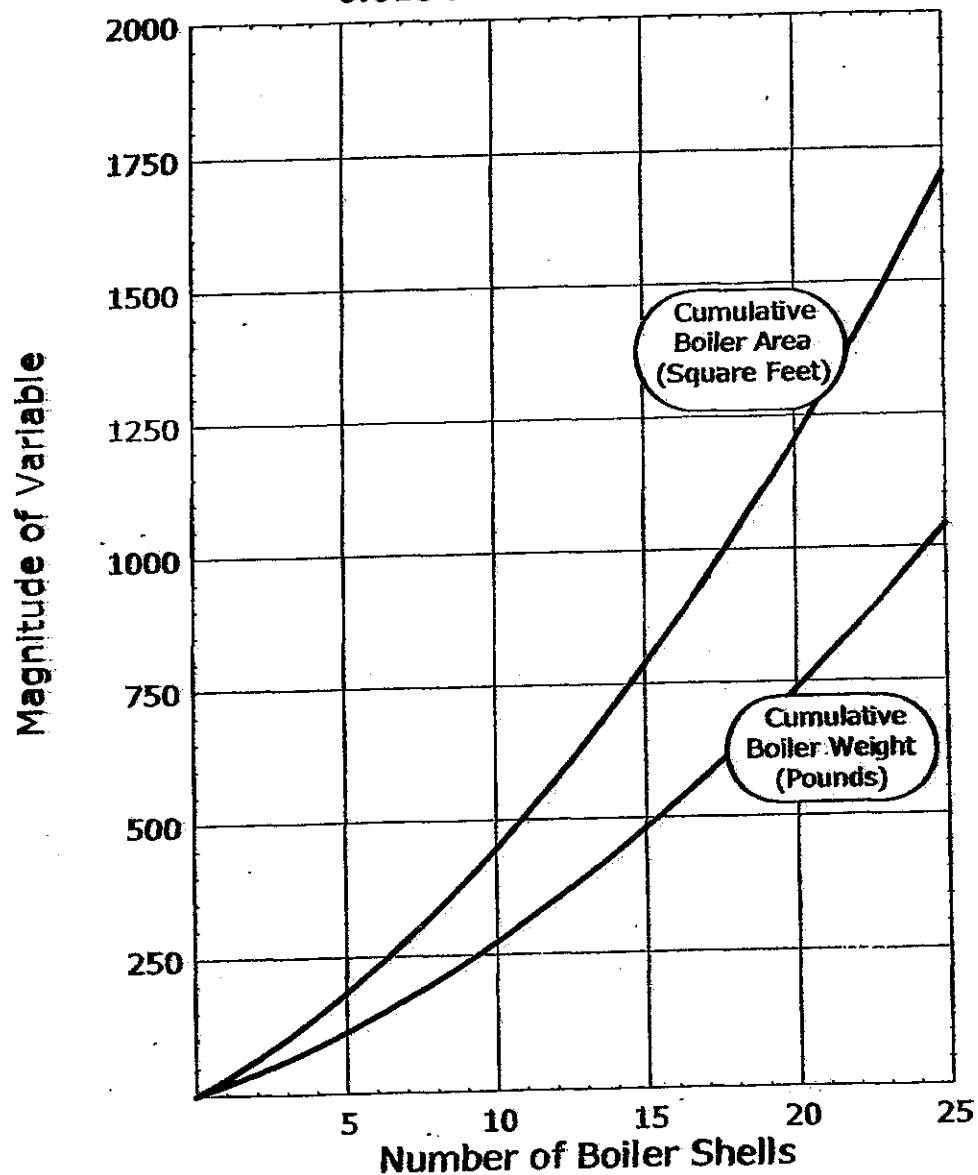


FIG. 26

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Boiler Shell Cumulative Area & Weight

2.3 foot Fan Hole; 4 foot Long, 0.75 inch Shell Separation
0.015 inch Shell Thickness

**FIG. 27**

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Energy Usage per Output Pound Water

Assuming 100% Compressor & Motor Efficiency

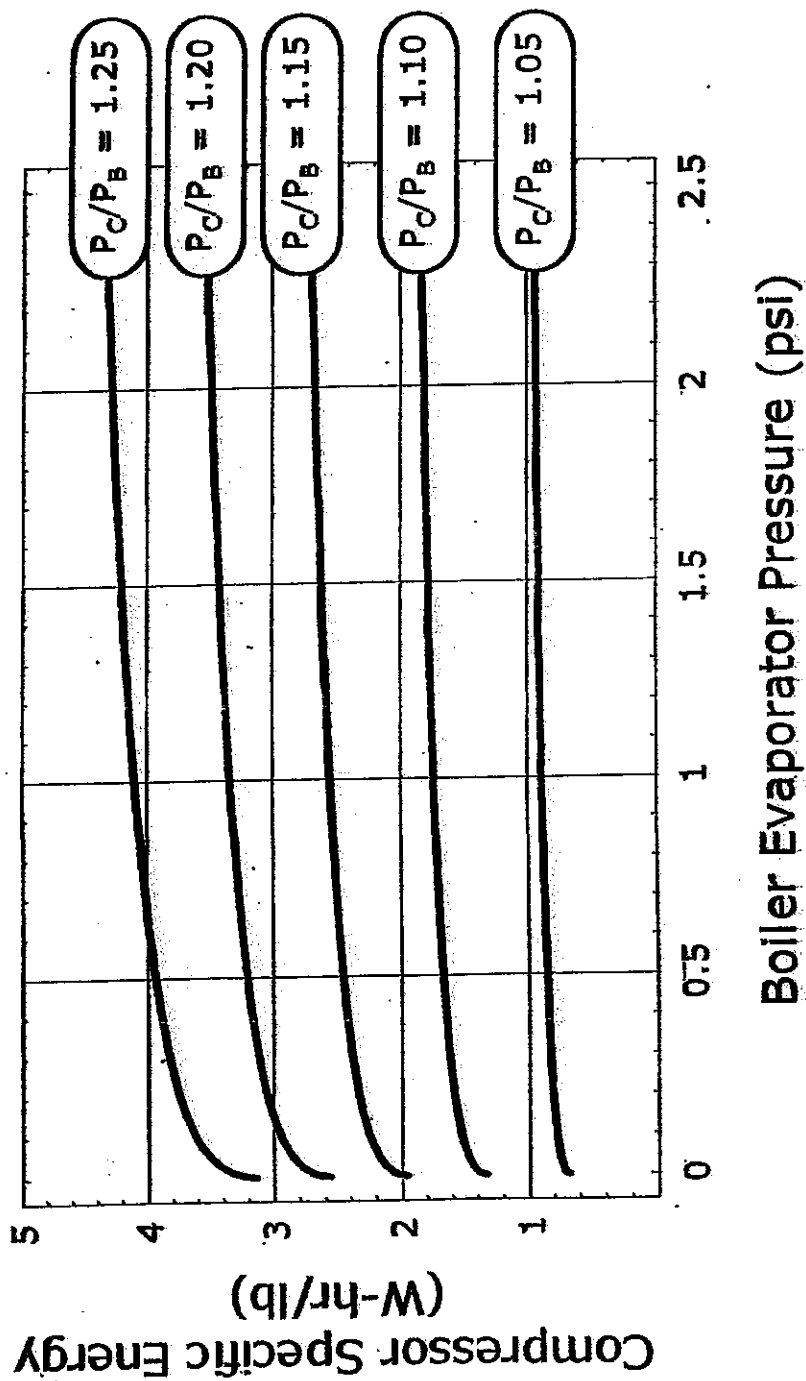
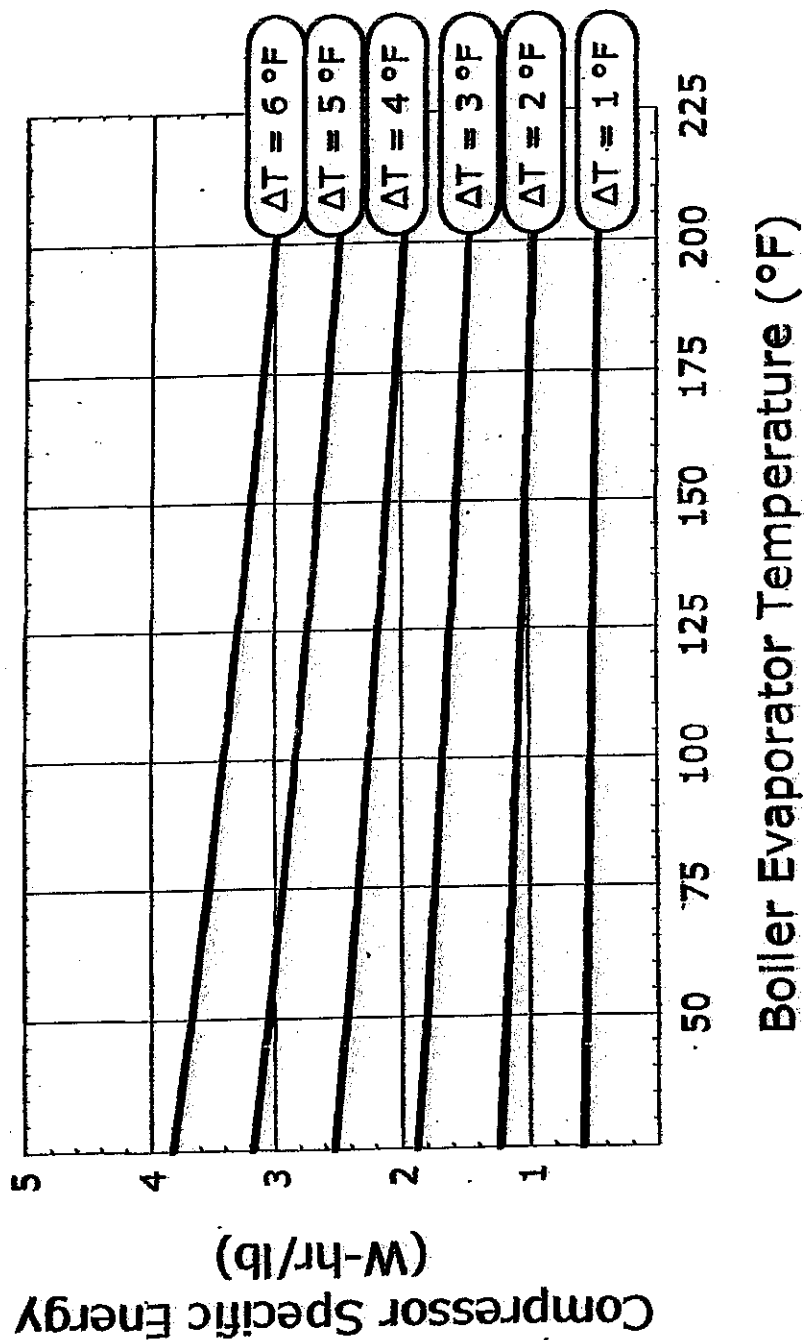


FIG. 28

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Energy Usage per Output Pound Water

Assuming 100% Compressor & Motor Efficiency

**FIG. 29**

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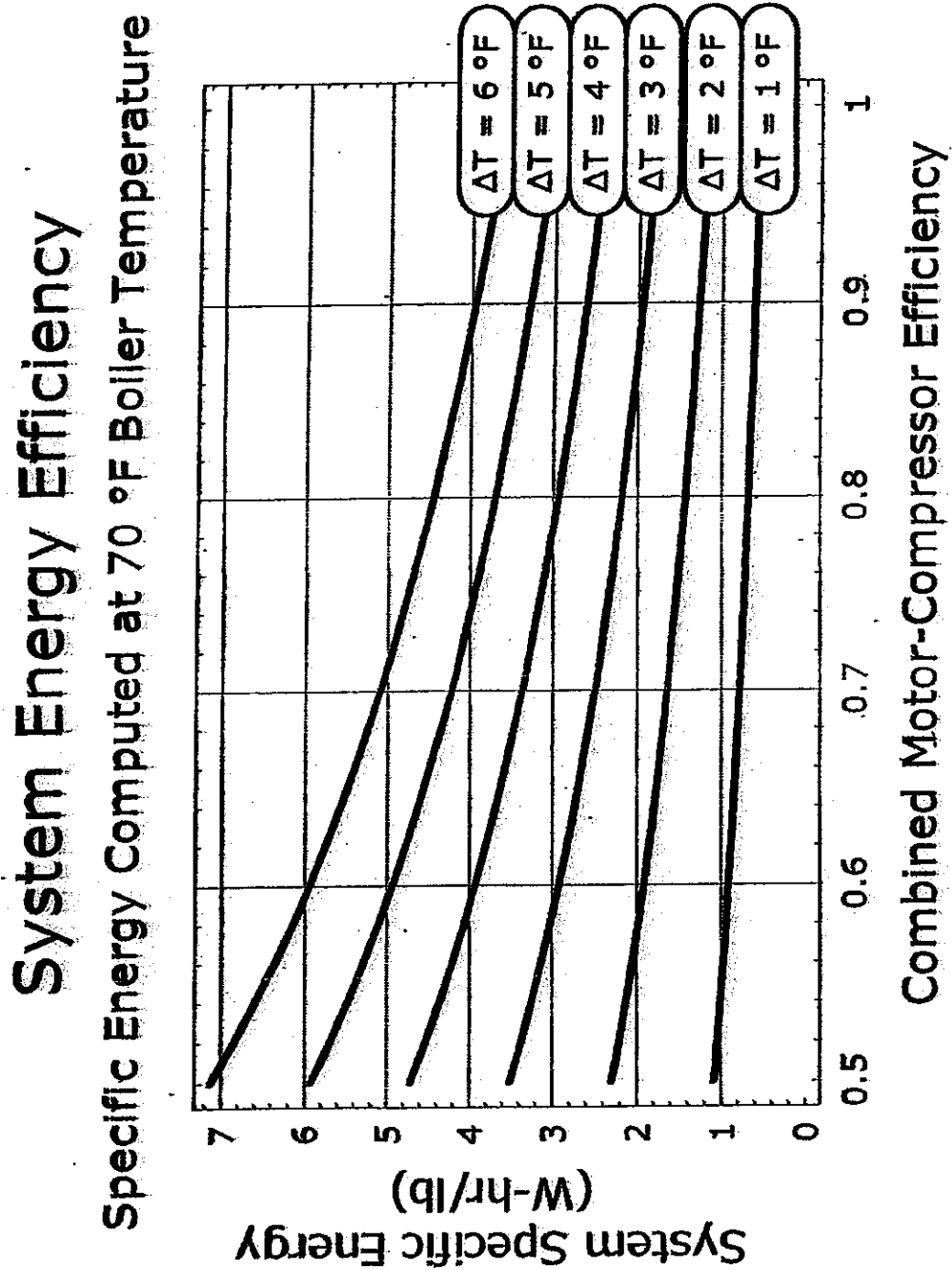


FIG. 30

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Seawater Boiling Point Rise

Variable Salinity Concentrations

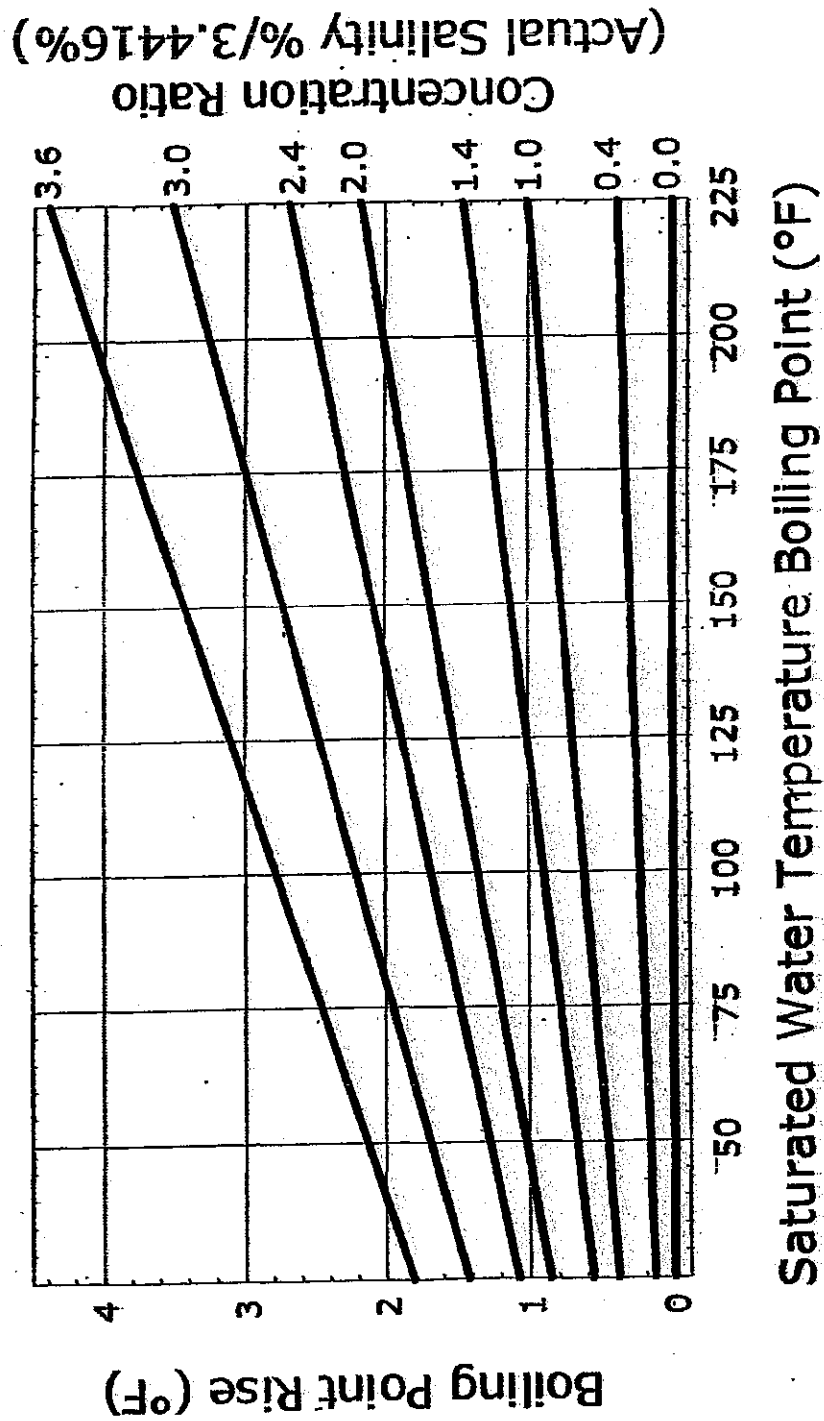


FIG. 31

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Seawater Boiling Point Rise

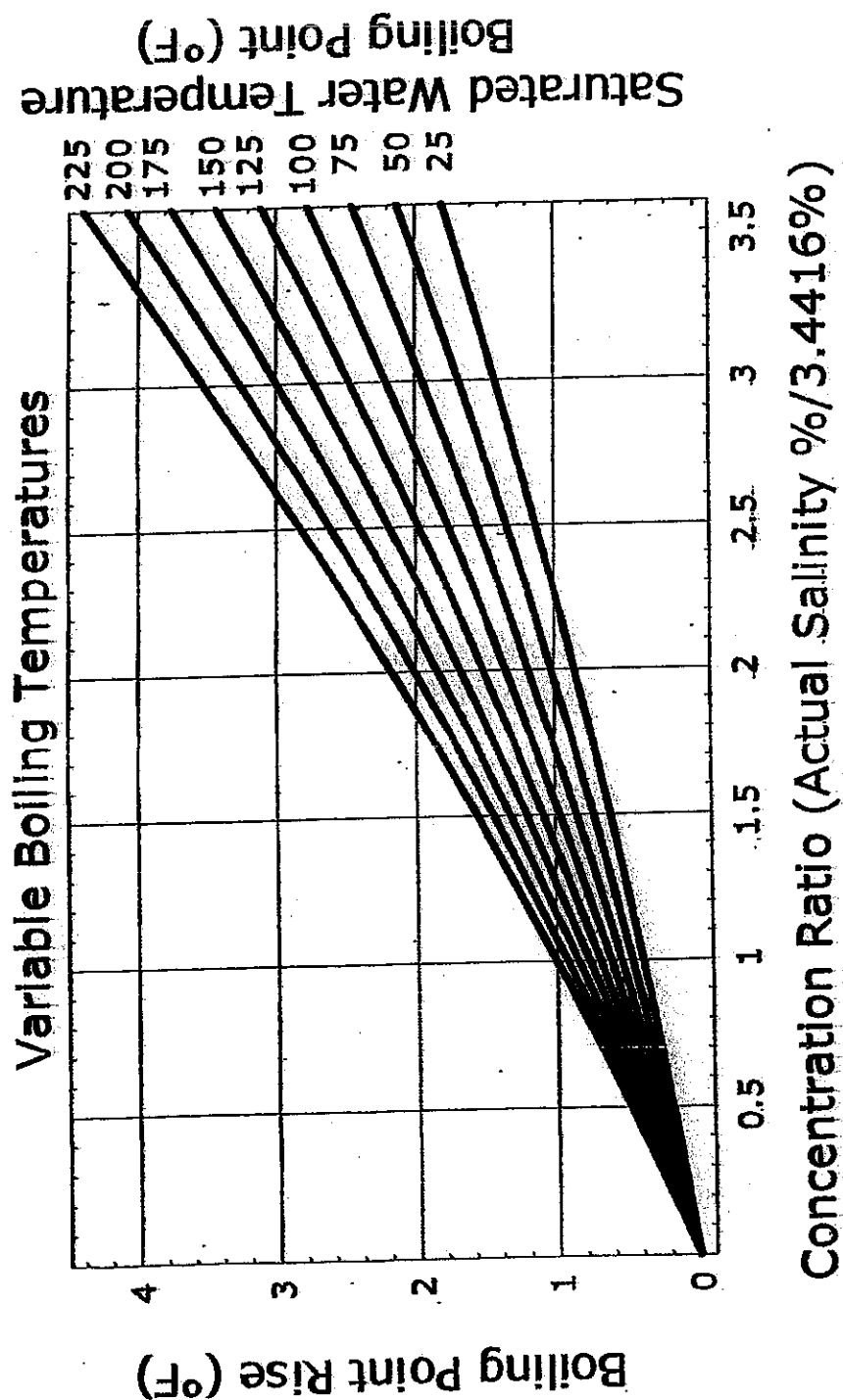


FIG. 32