FIG. 1

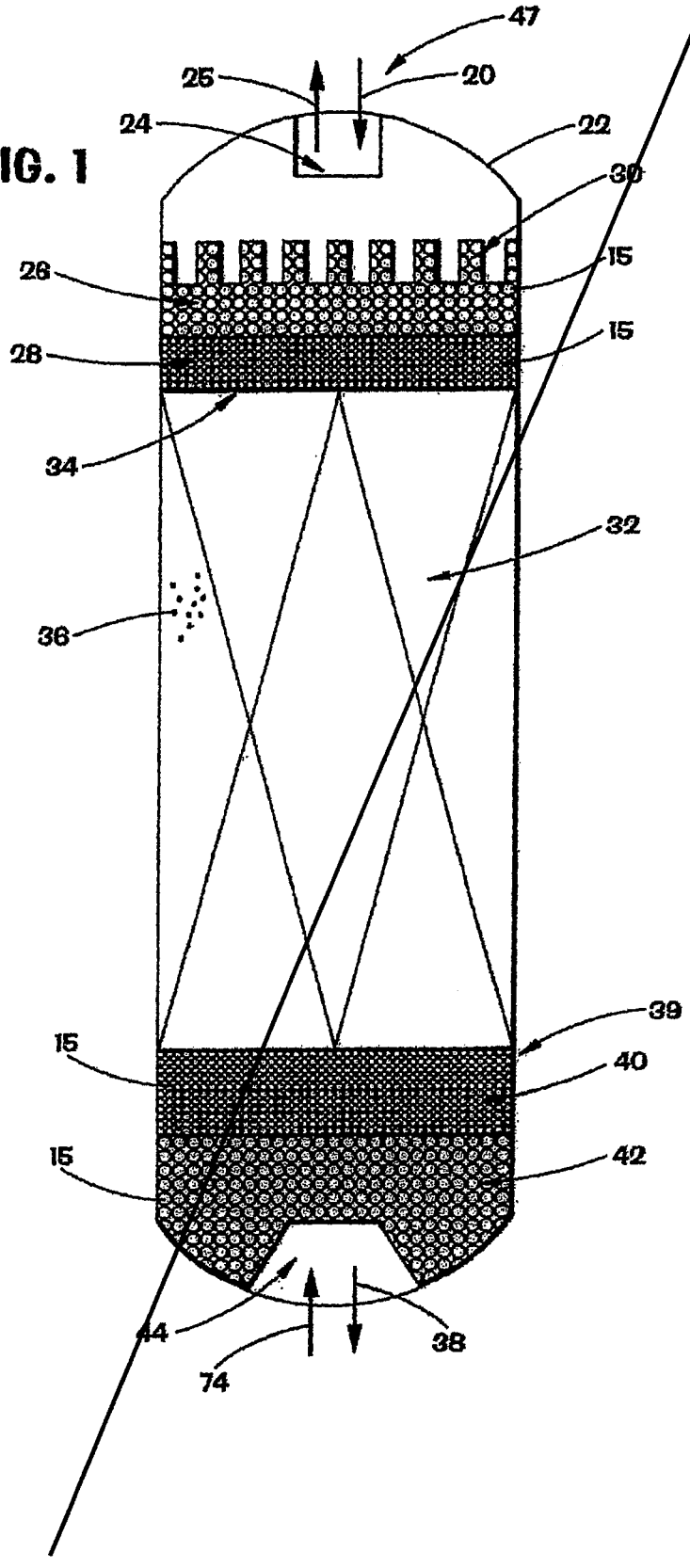


FIG. 2

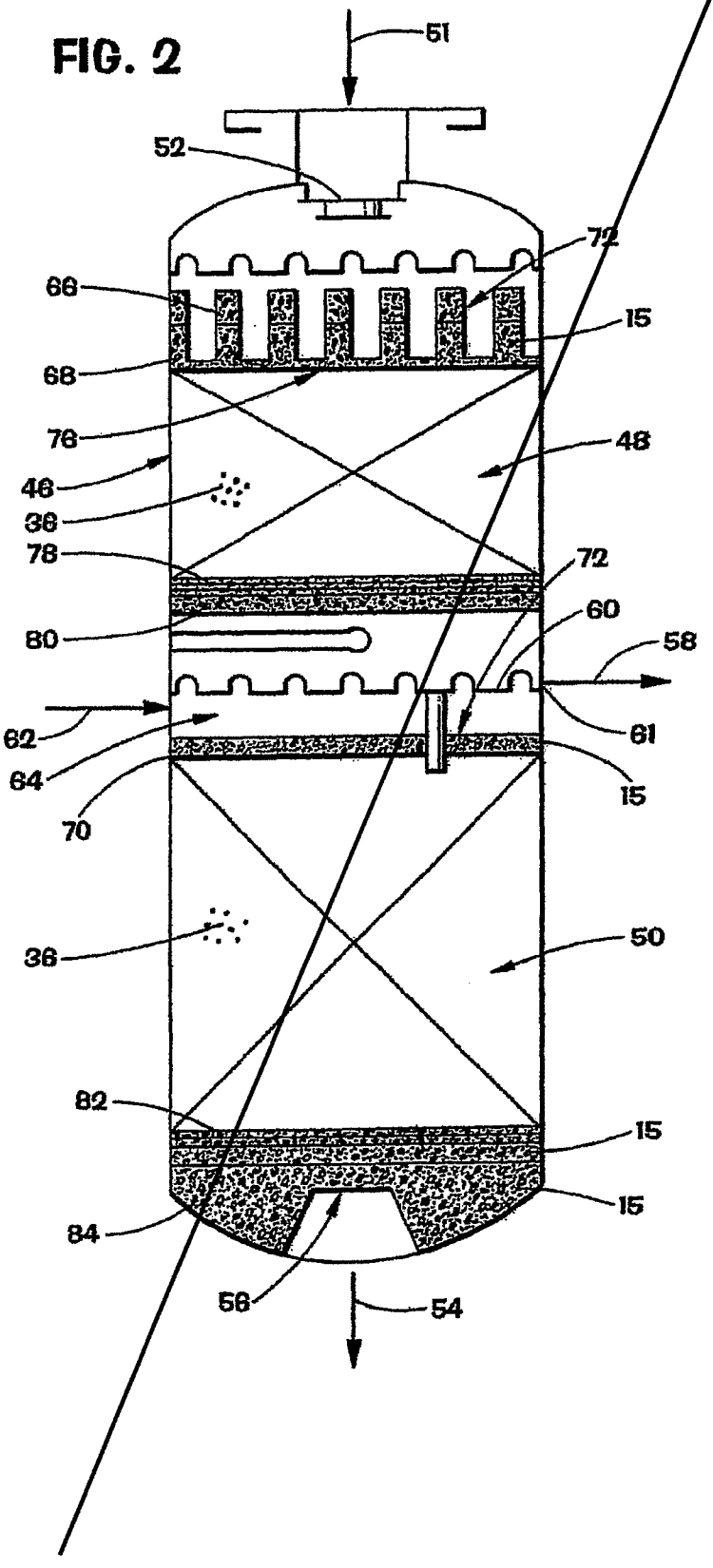

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FIG. 3

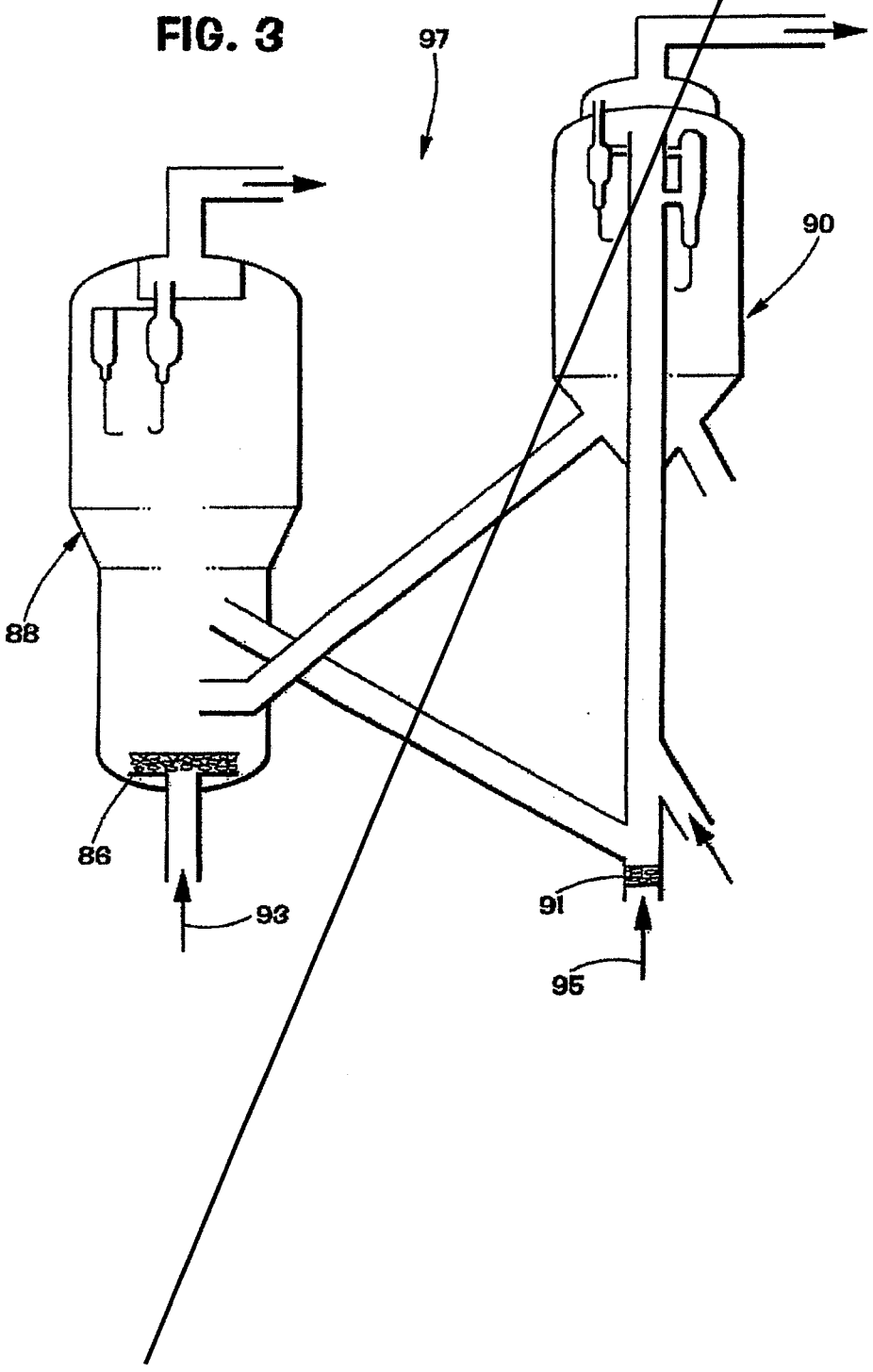


FIG. 4

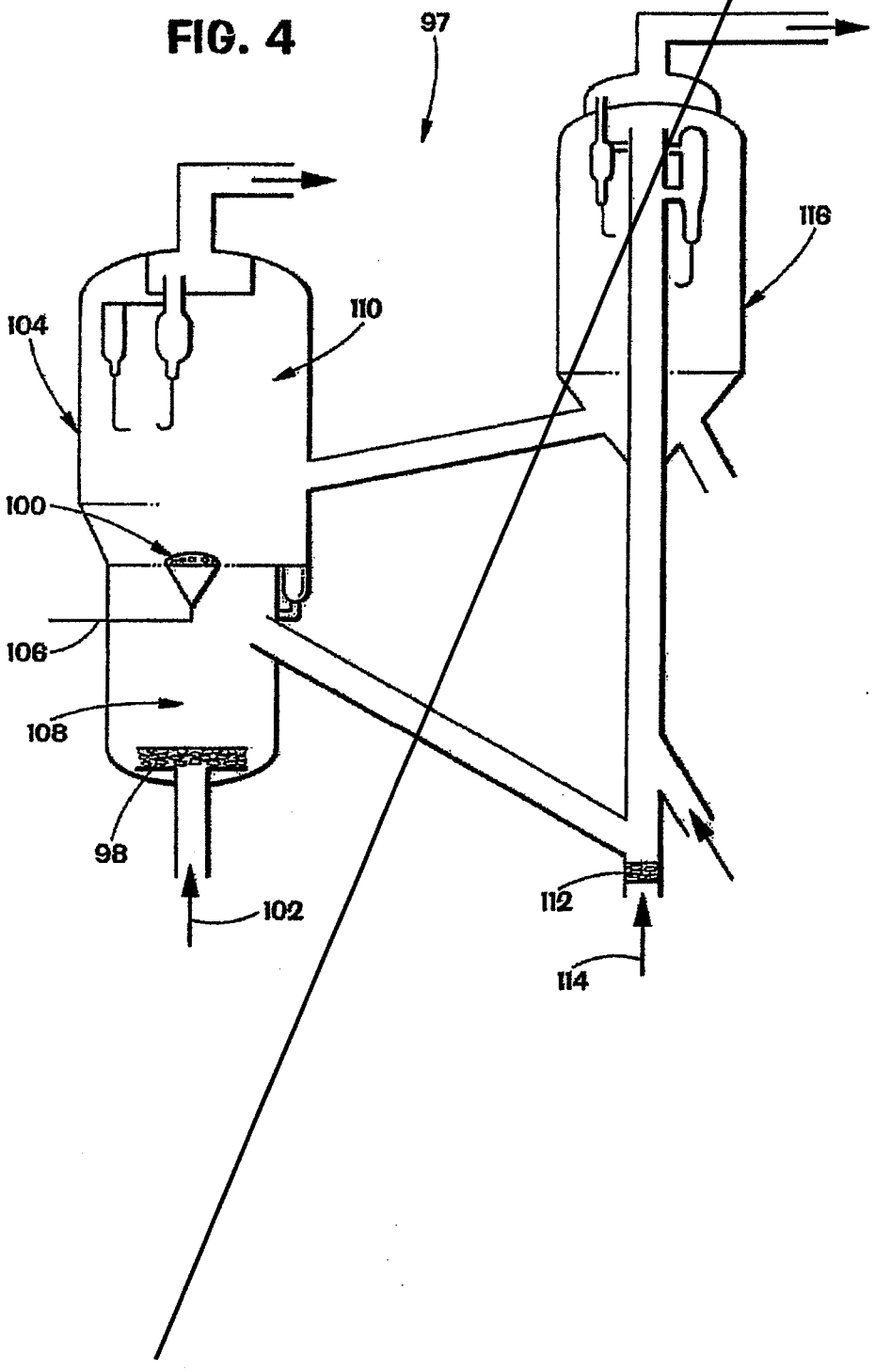
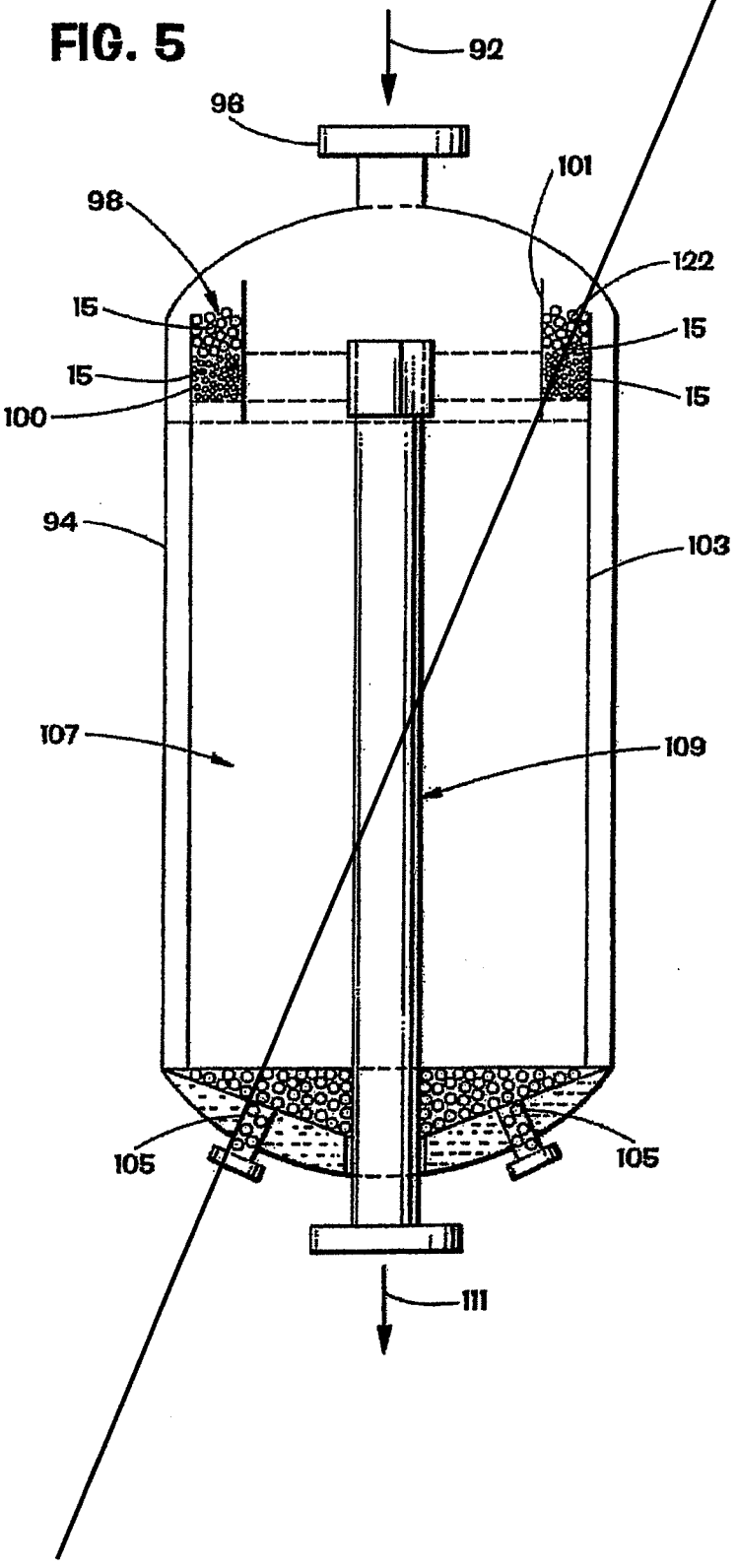


FIG. 5



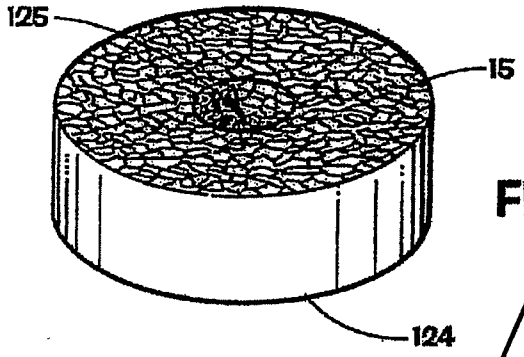


FIG. 6

FIG. 7

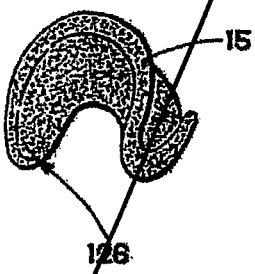


FIG. 8

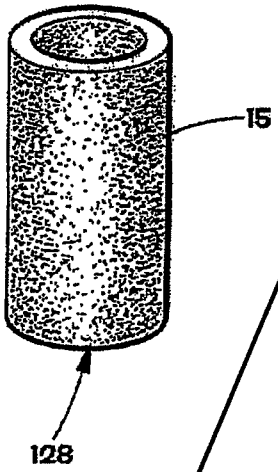
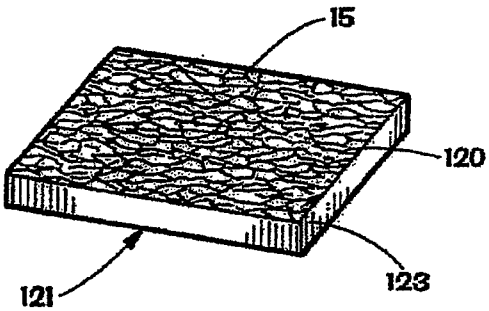


FIG. 9



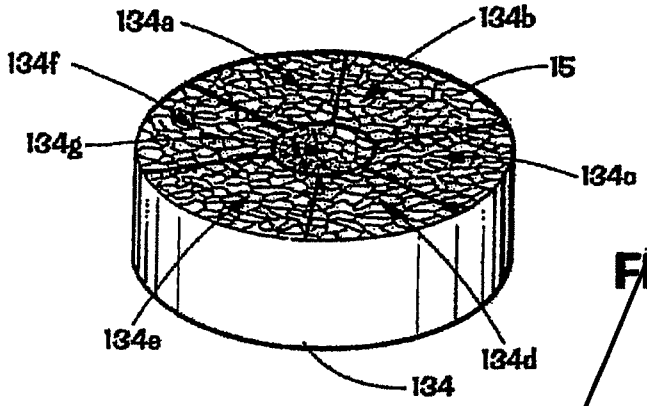
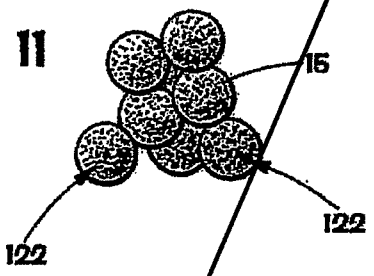


FIG. 10

FIG. 11



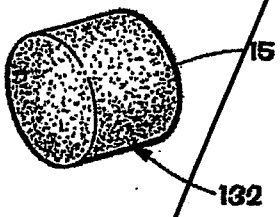


FIG. 12

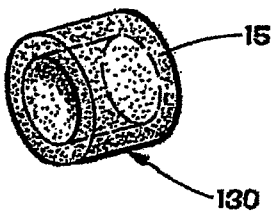


FIG. 13

FIG. 14

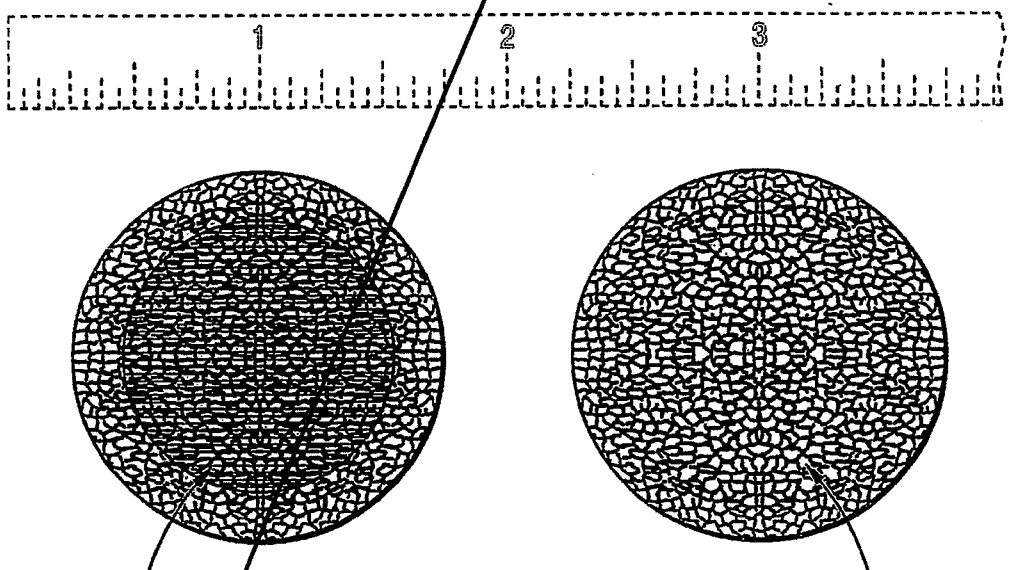

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DYE DRIPPED ON THIS SIDE OF DISK
BOTTOM OF DISK AFTER DYE RAN THROUGH

FIG. 21

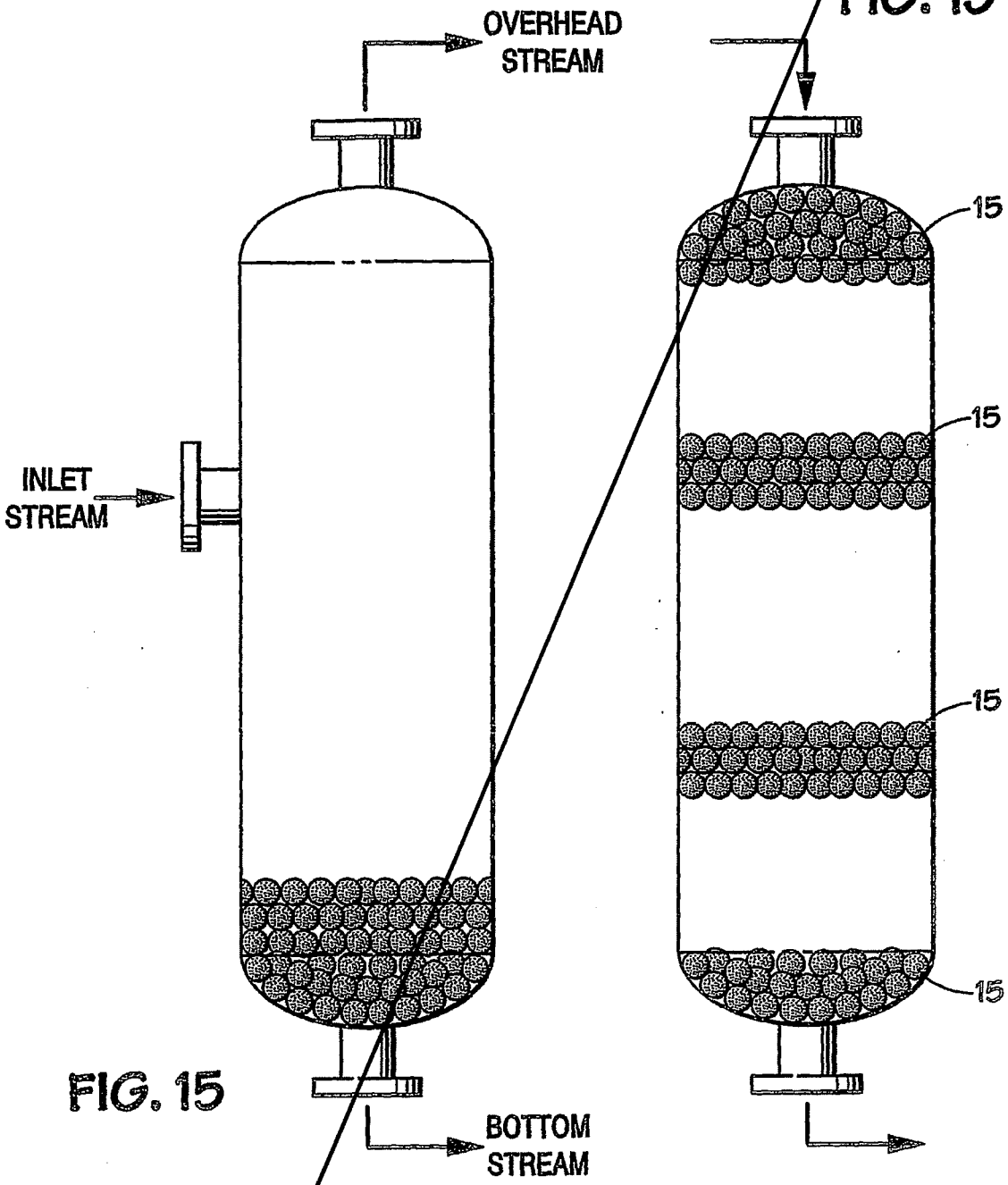


FIG. 15

FIG. 19

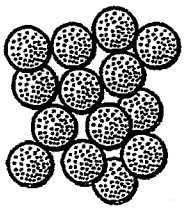


FIG. 16

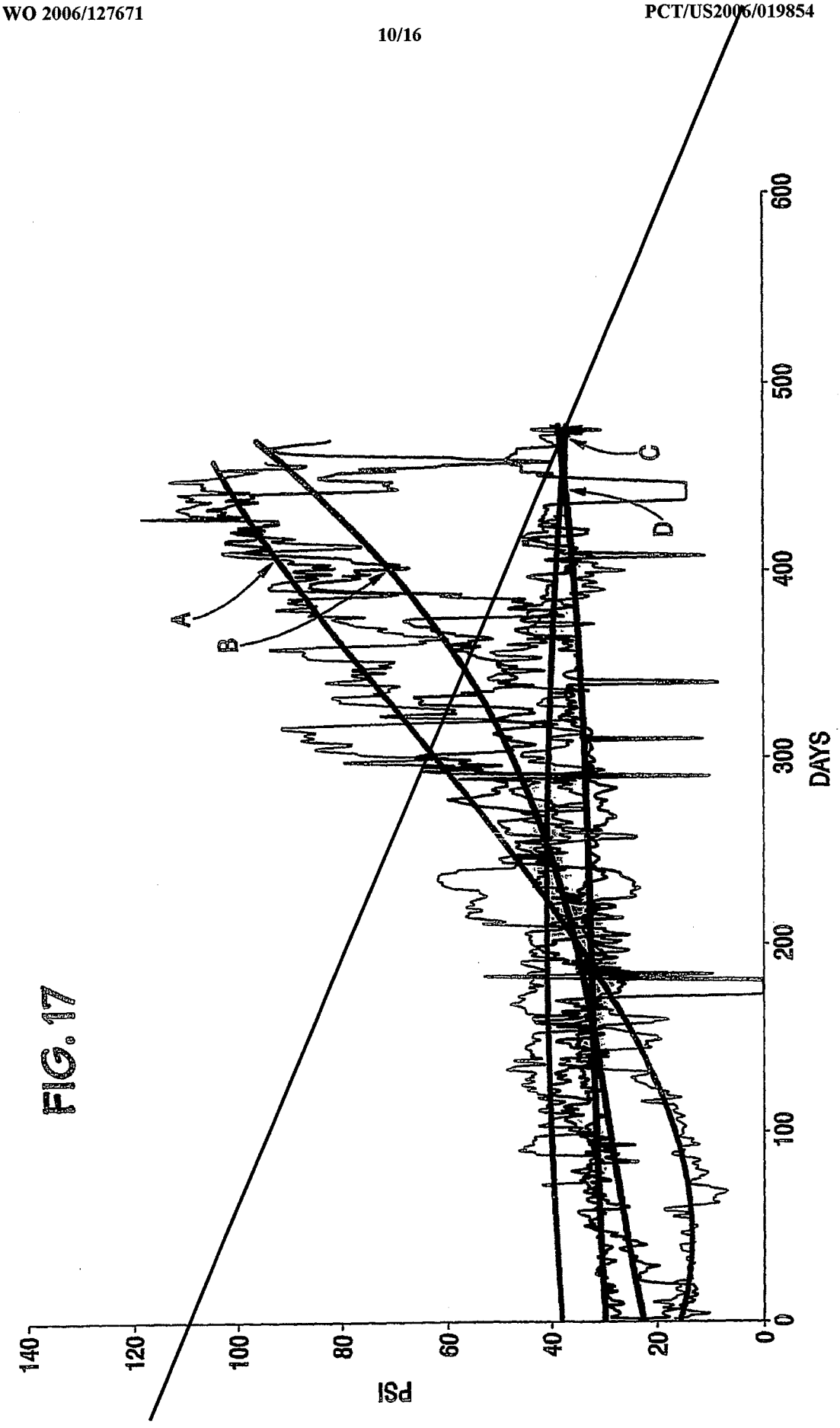


FIG. 17

FIG. 18 – Comparison of Pressure Drop in Naphtha Hydrotreaters

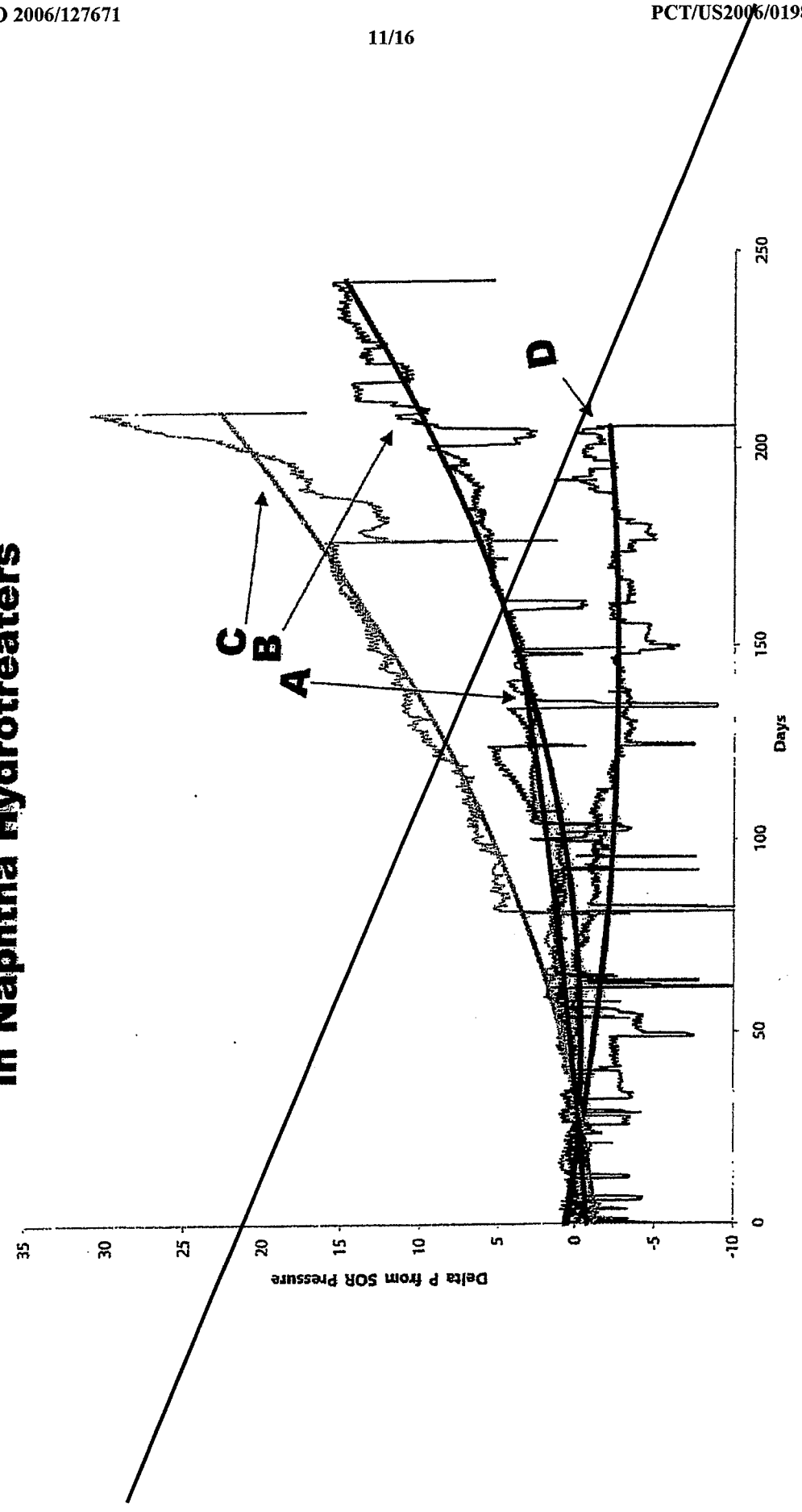


FIG. 22

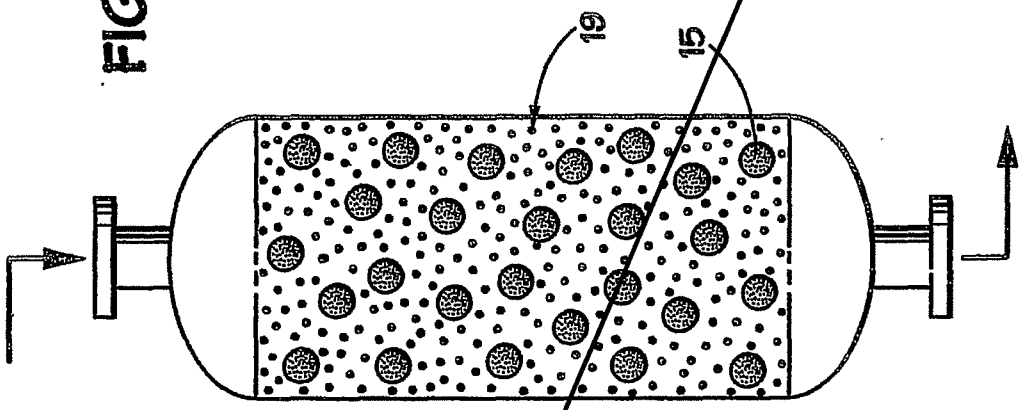


FIG. 20

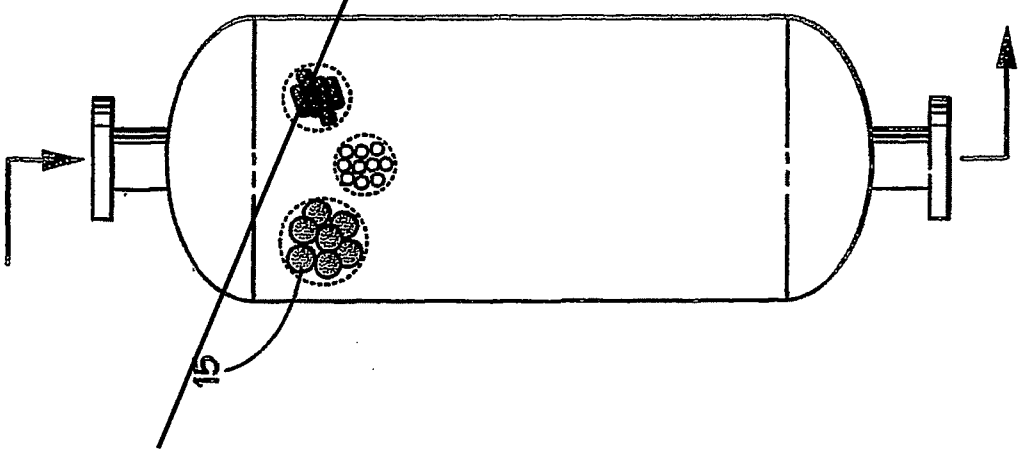


FIG. 23
(PRIOR ART)

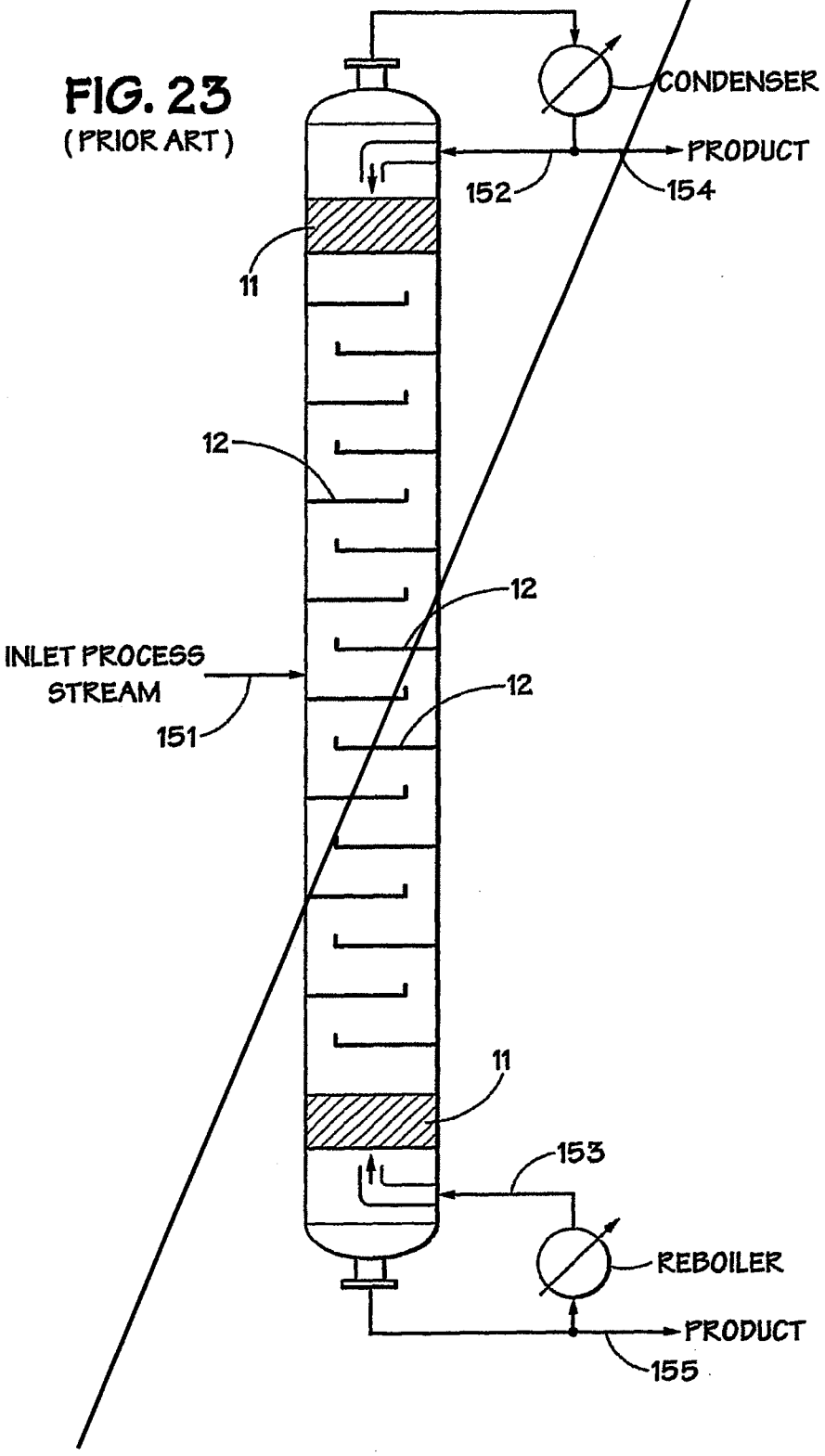
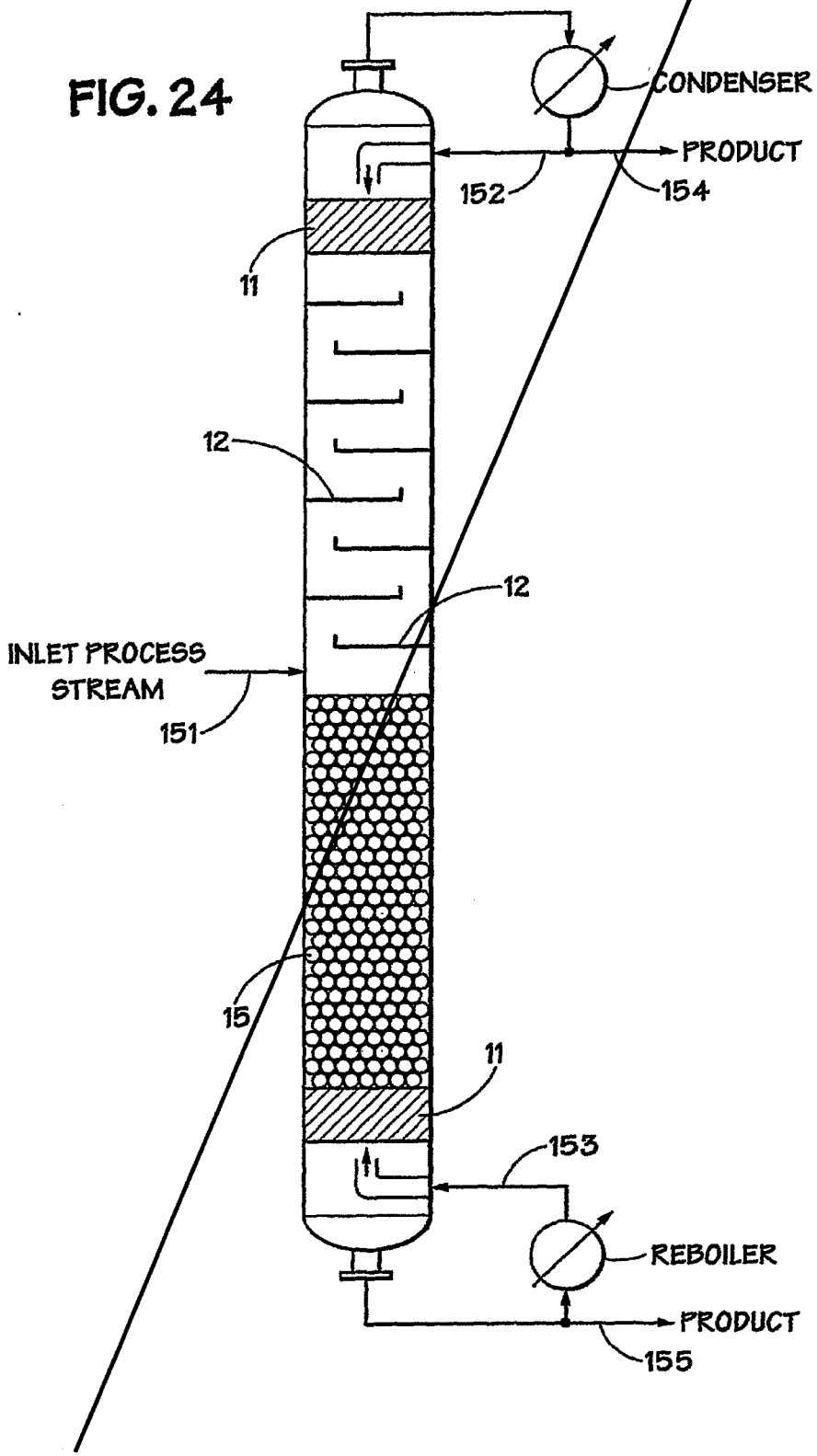


FIG. 24


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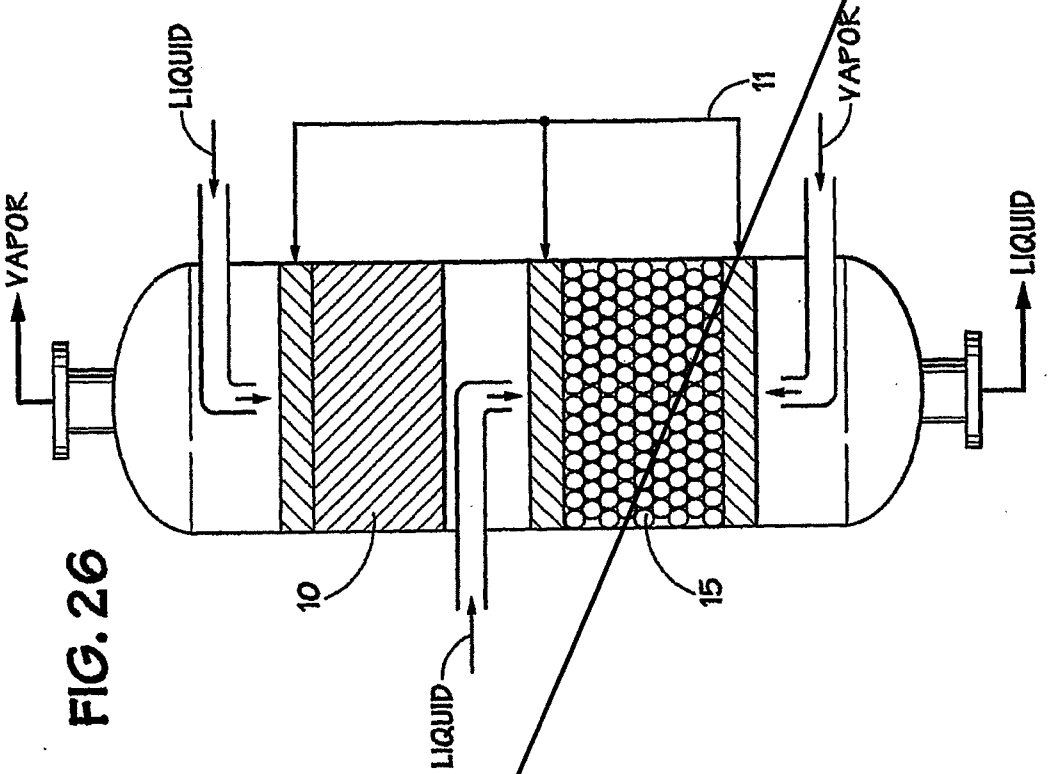


FIG. 26

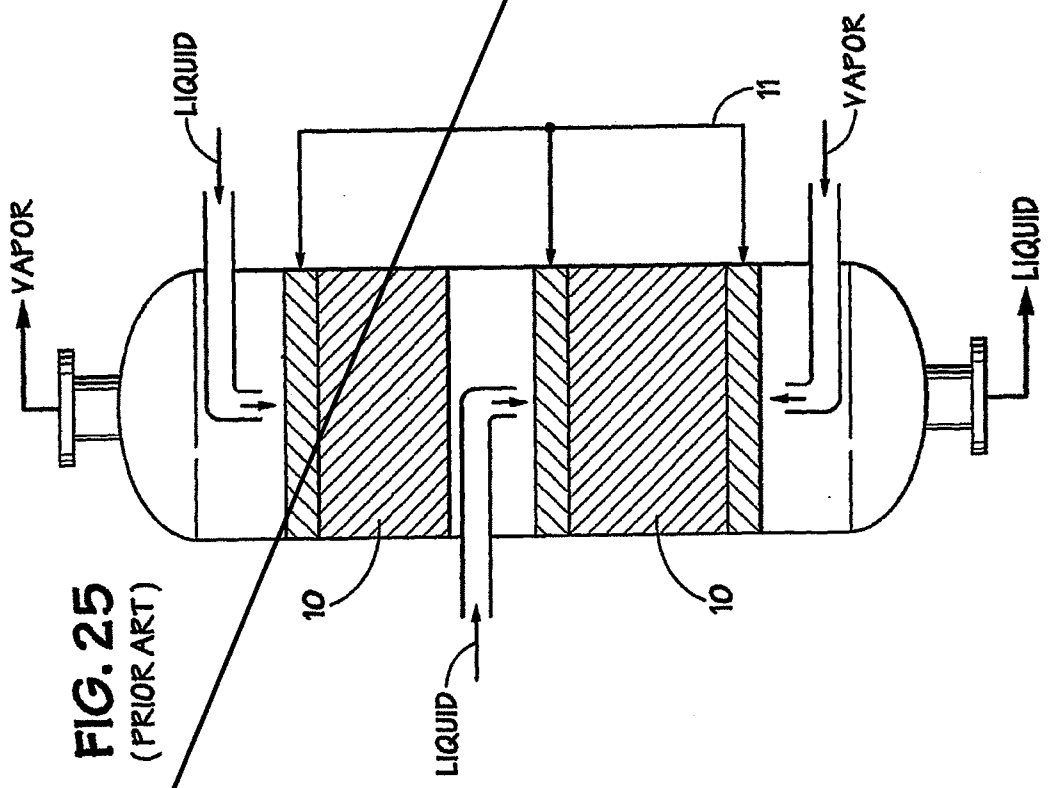


FIG. 25
(PRIOR ART)

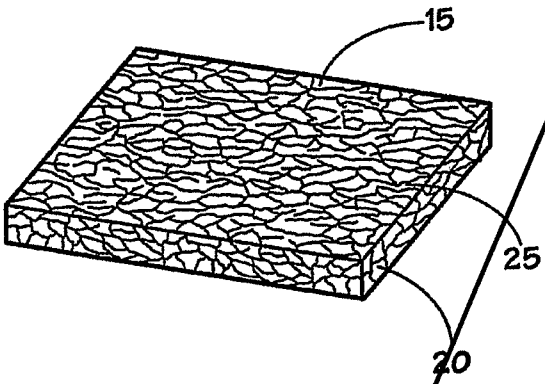


FIG. 27

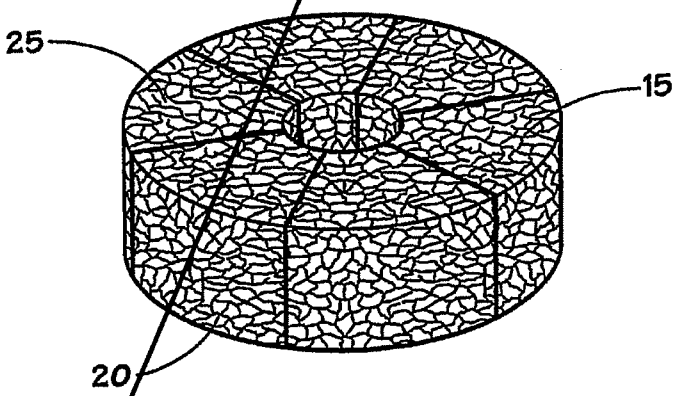


FIG. 28

FIG. 1

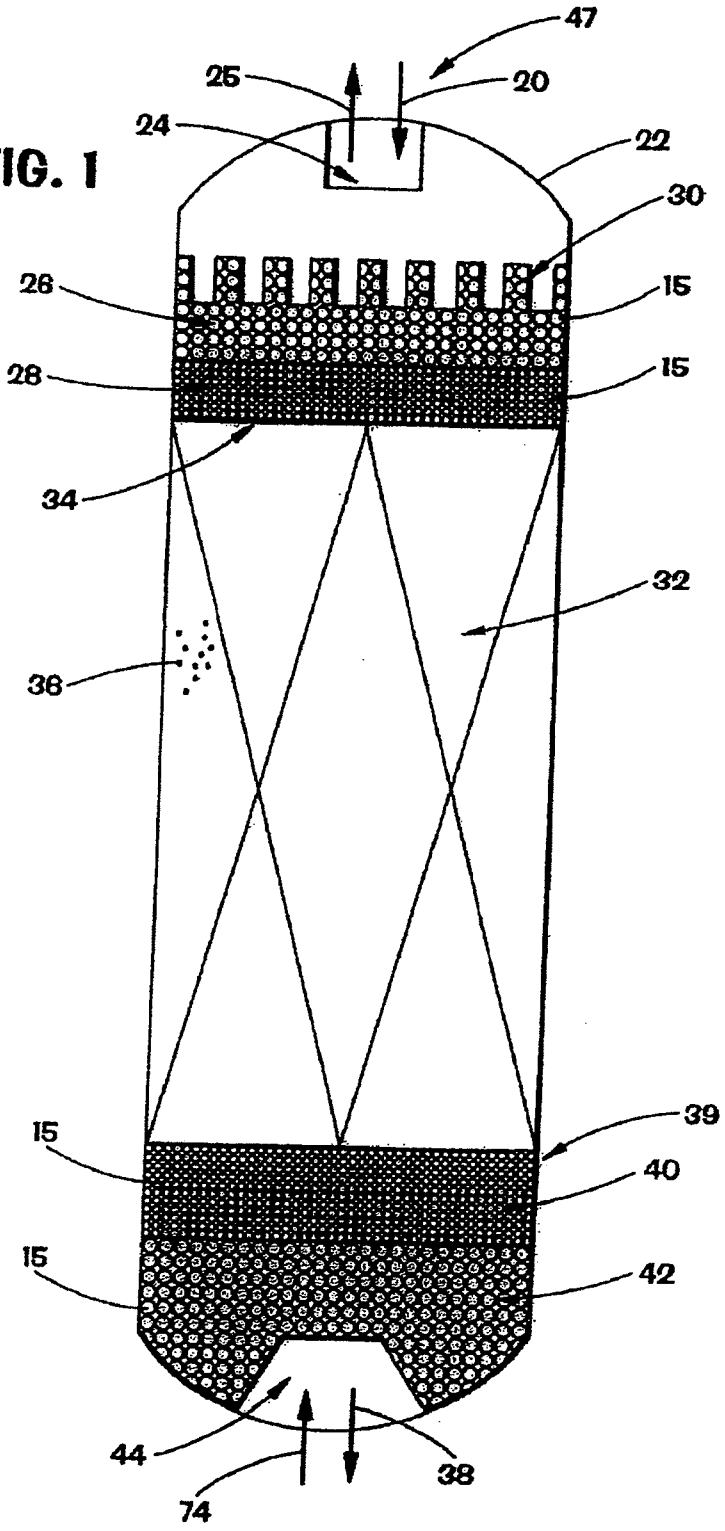


FIG. 2

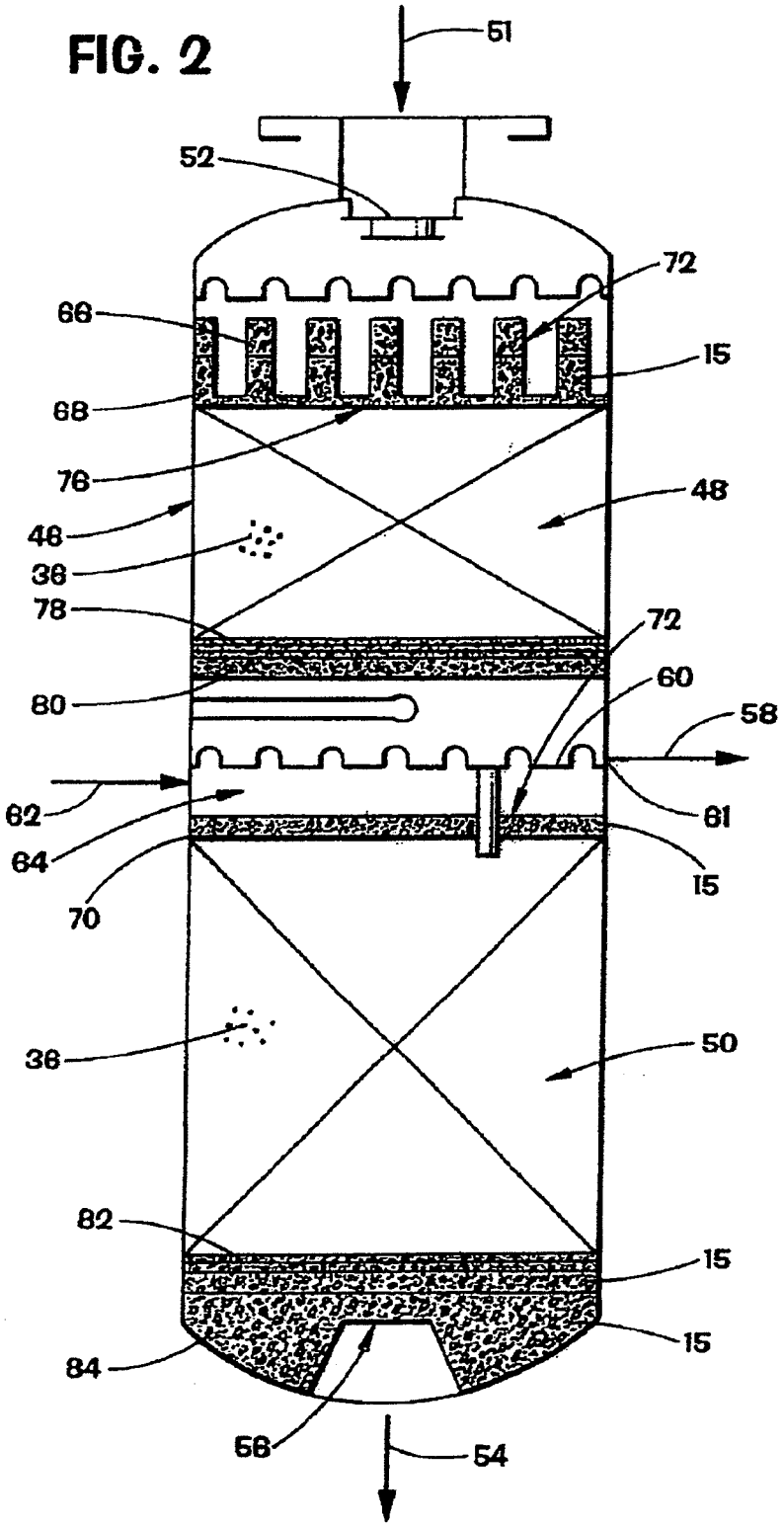

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FIG. 3

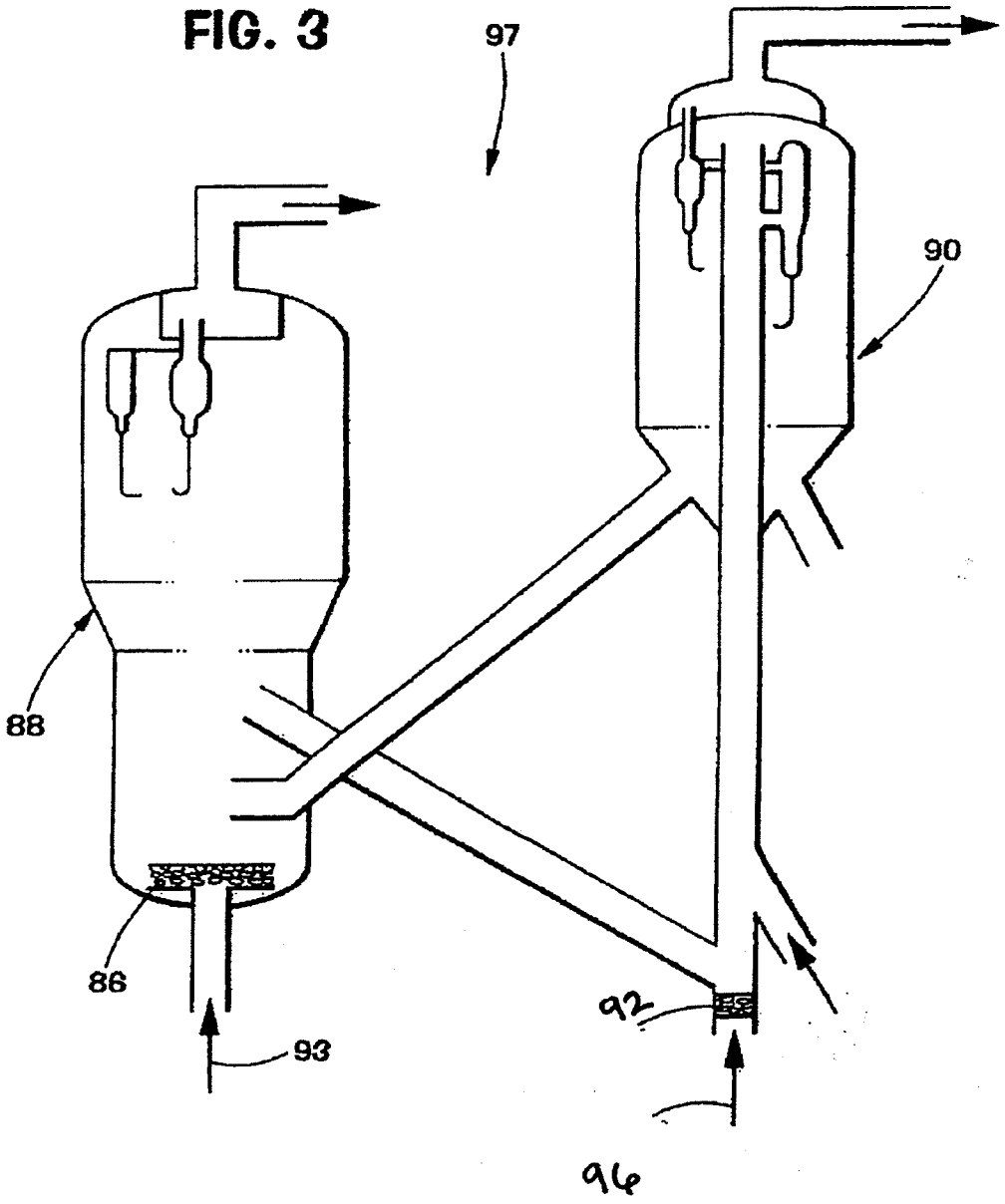


FIG. 4

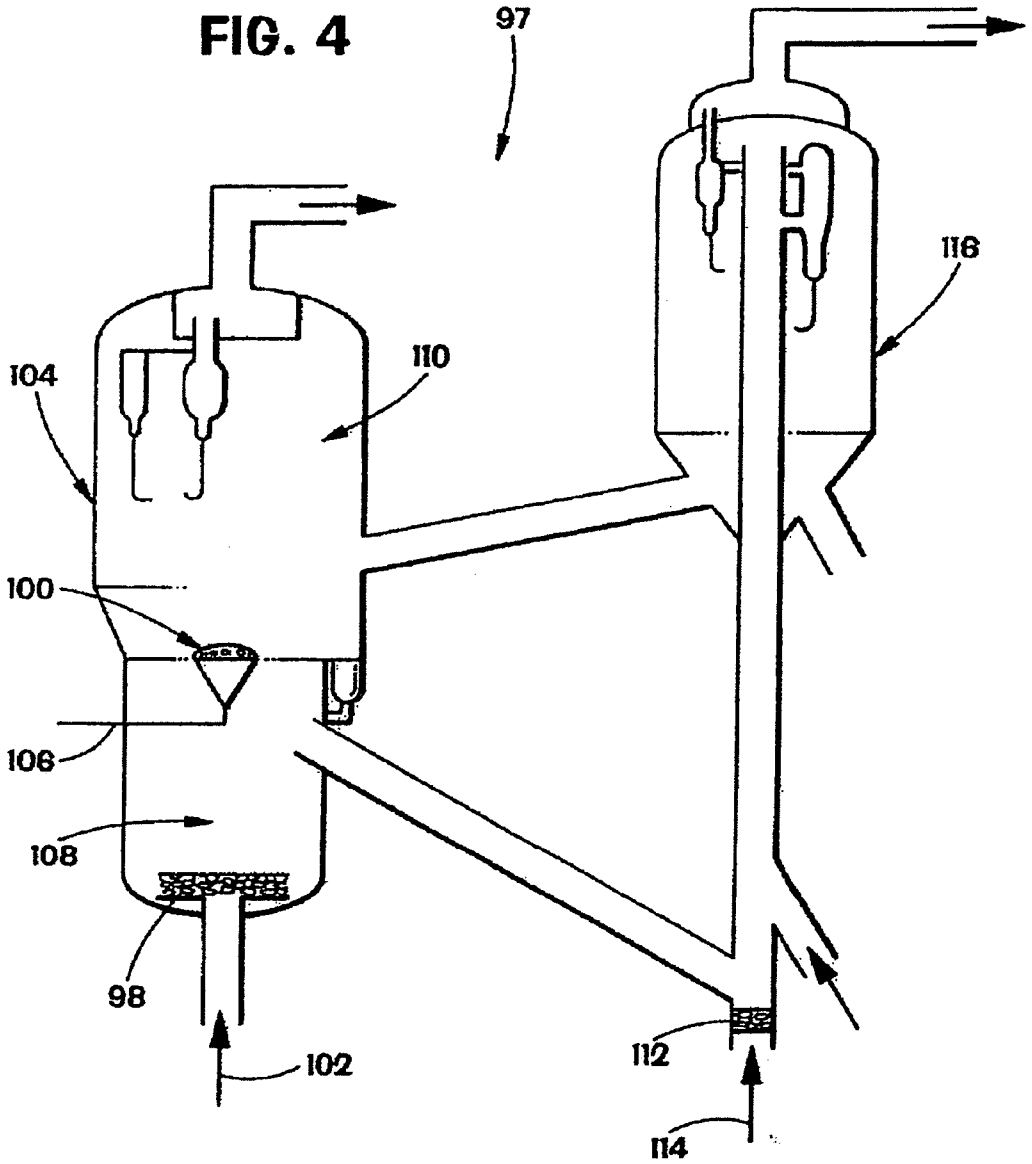
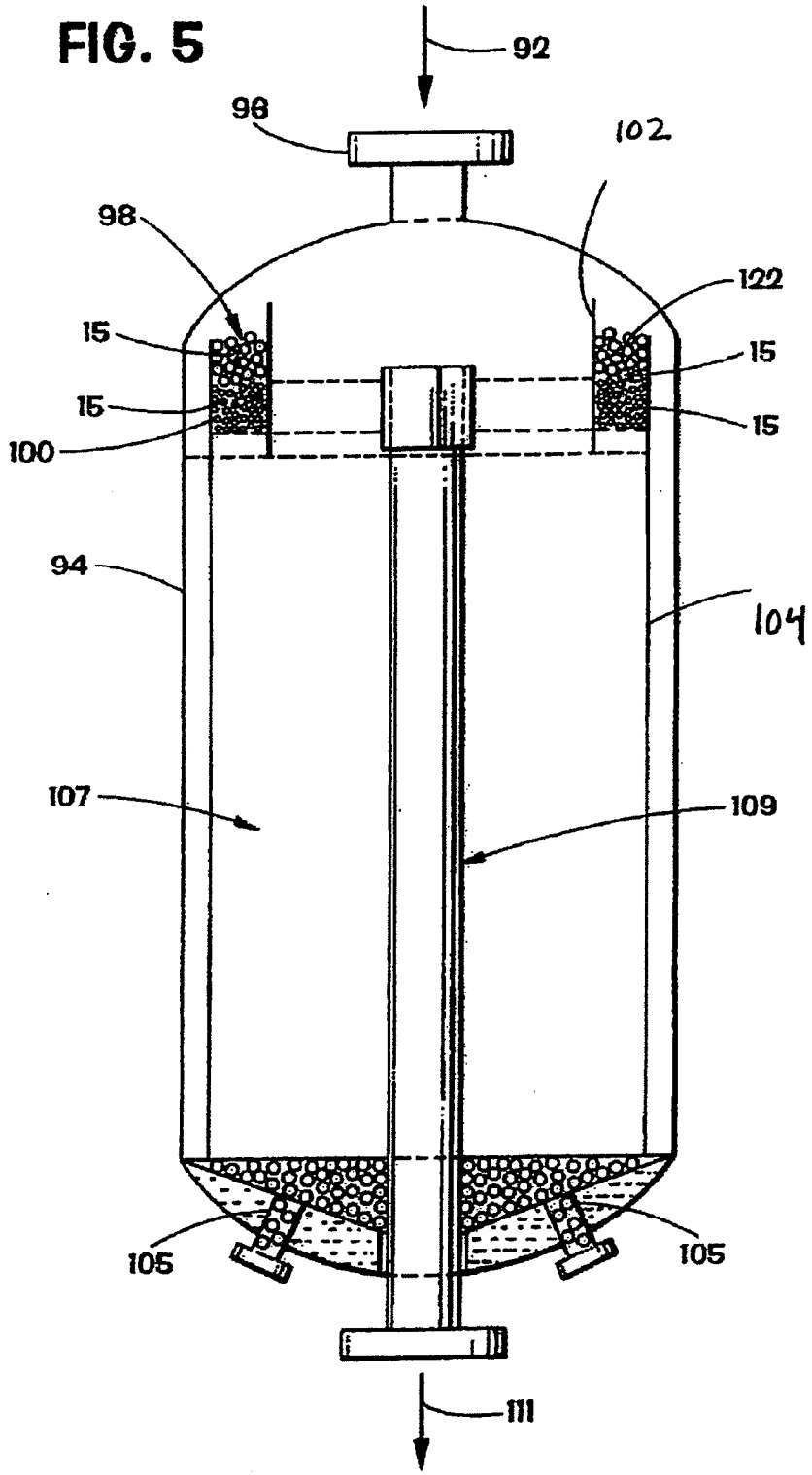


FIG. 5



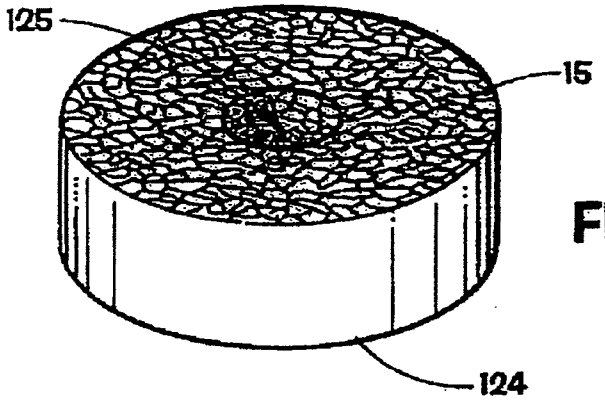


FIG. 6

FIG. 7

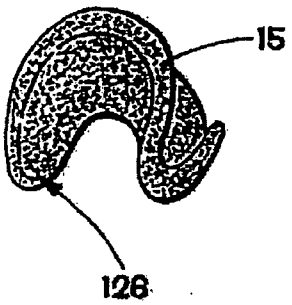


FIG. 8

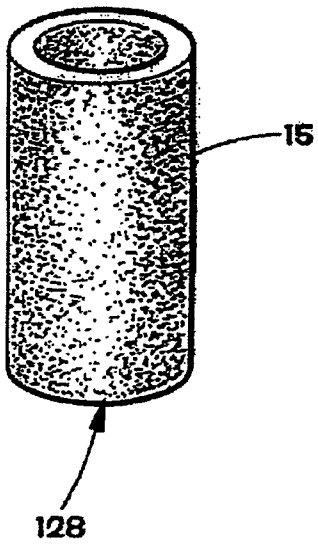
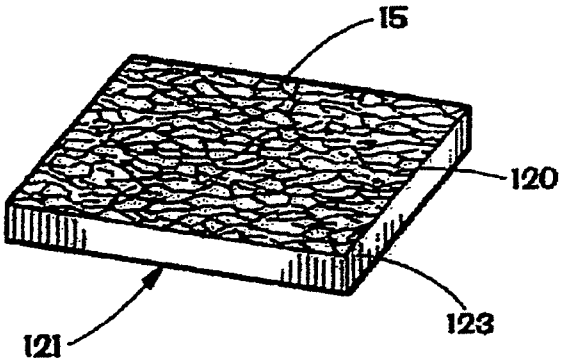


FIG. 9



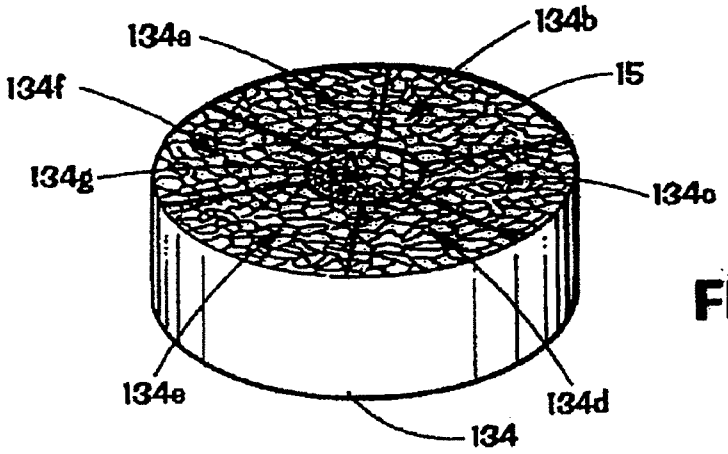
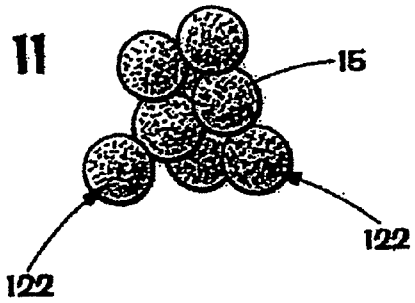


FIG. 10

FIG. 11



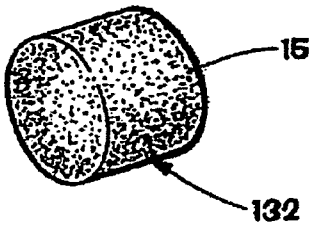


FIG. 12

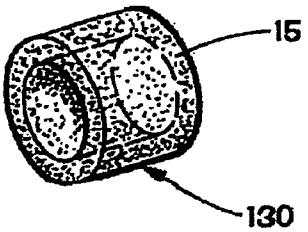
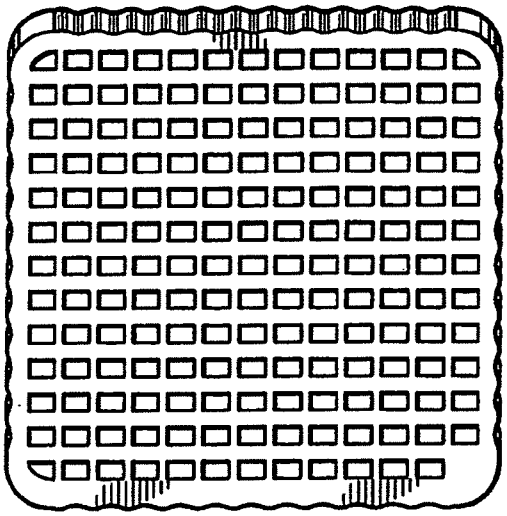


FIG. 13

FIG. 14



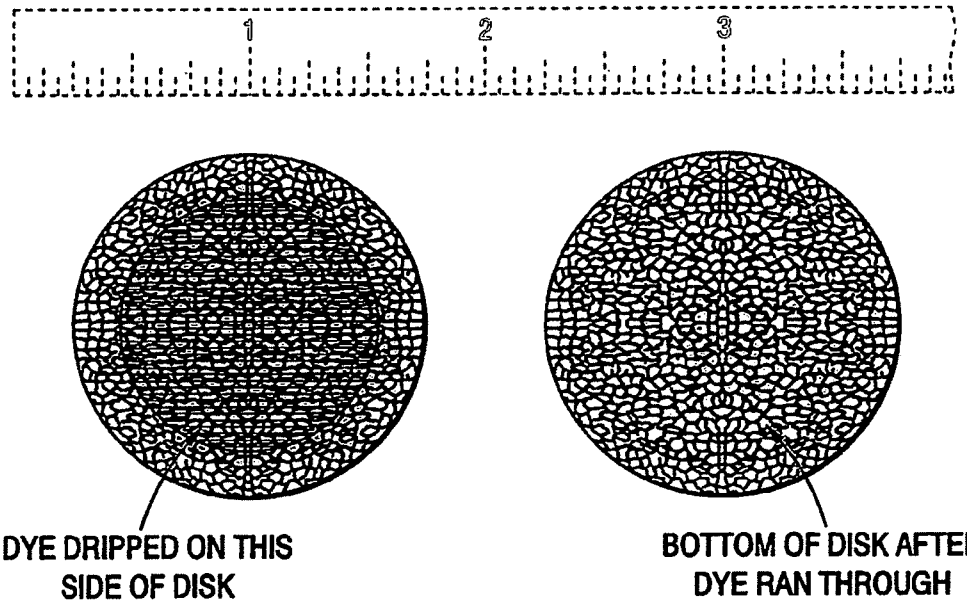

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DYE DRIPPED ON THIS SIDE OF DISK
BOTTOM OF DISK AFTER DYE RAN THROUGH

FIG. 21

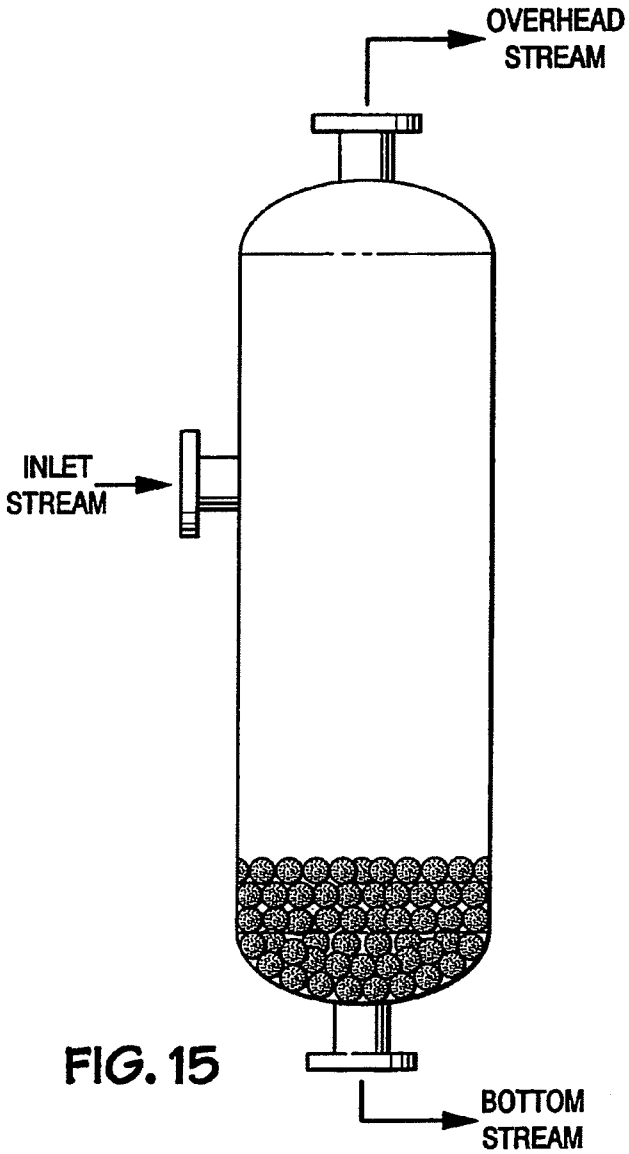


FIG. 15

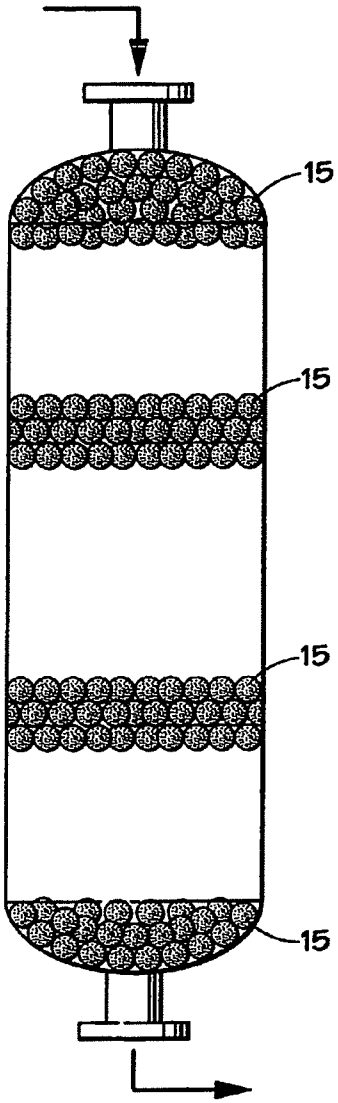


FIG. 19

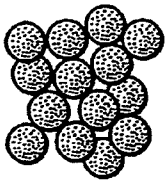


FIG. 16

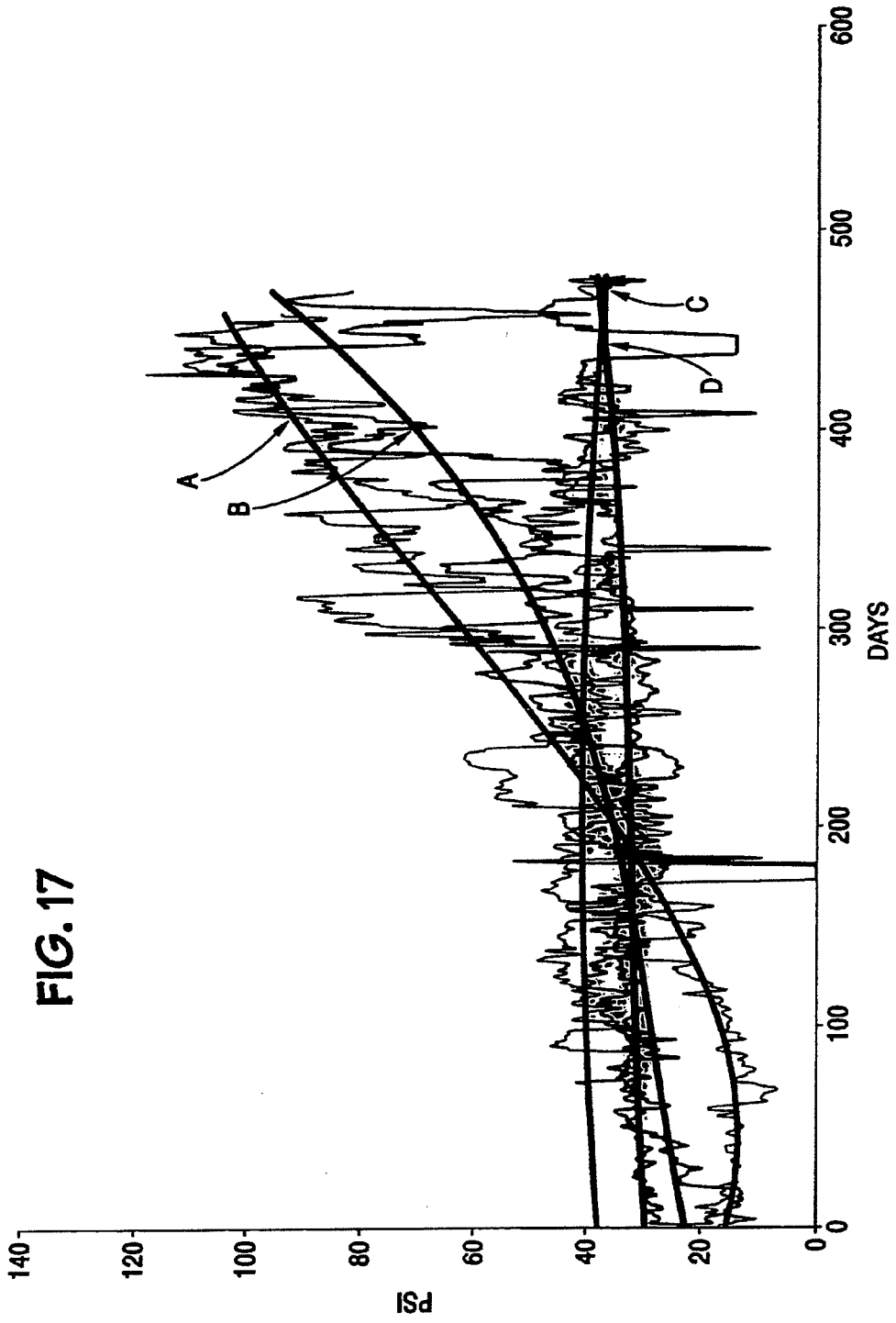


FIG. 17

FIG. 18 – Comparison of Pressure Drop in Naphtha Hydrotreaters

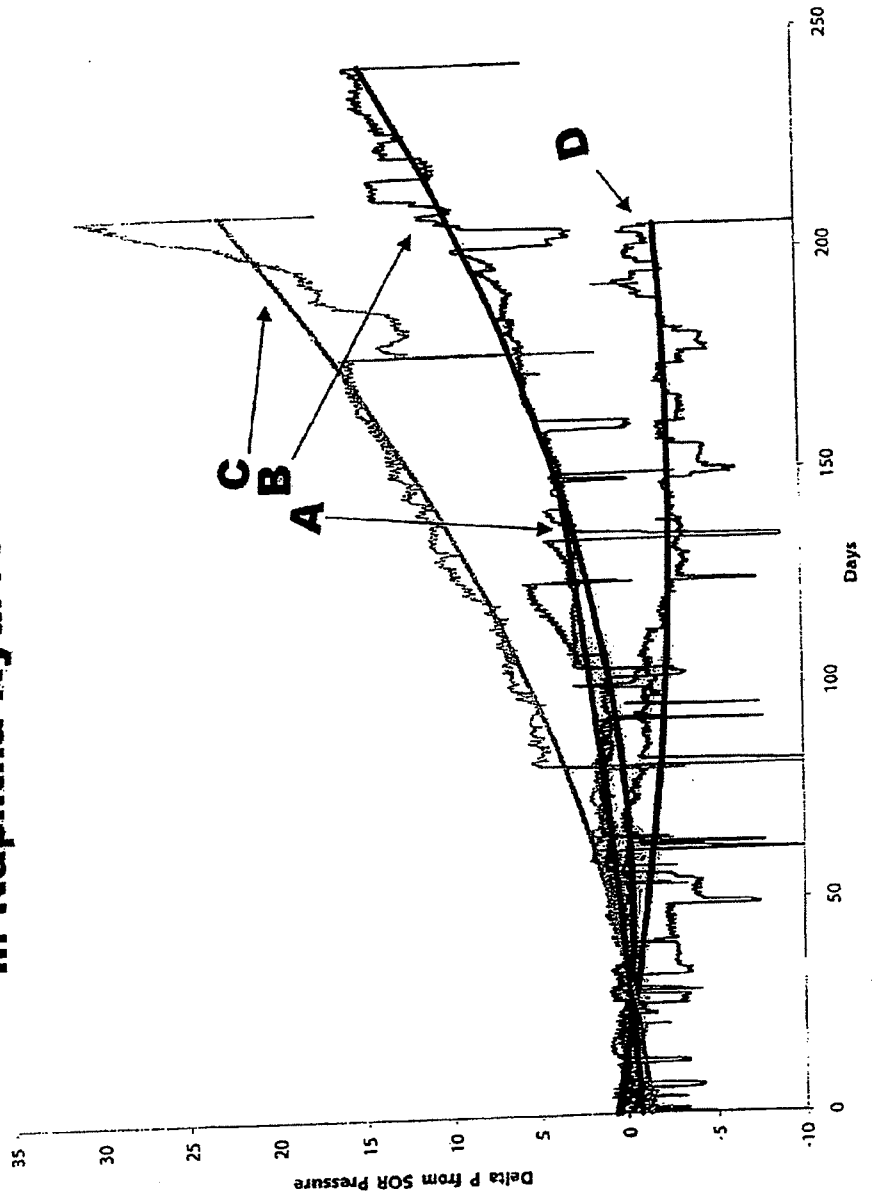


FIG. 22

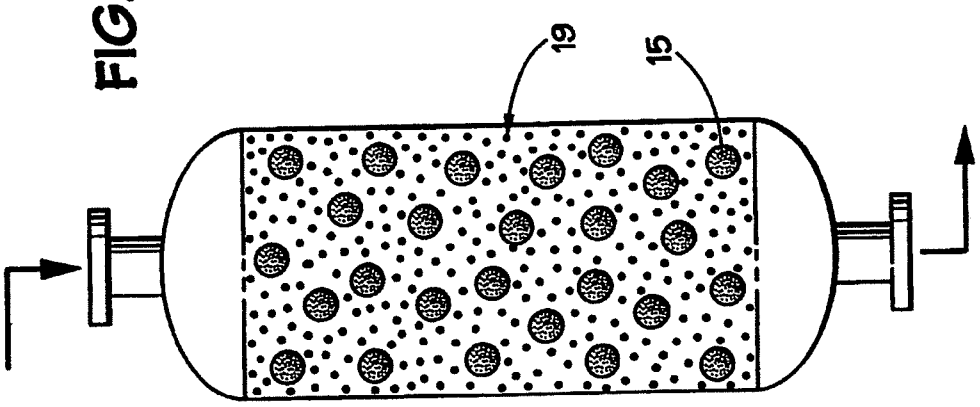


FIG. 20

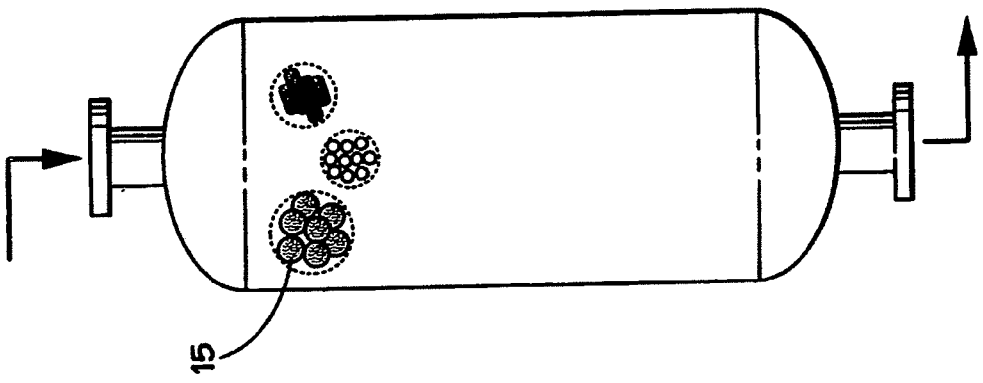


FIG. 23
(PRIOR ART)

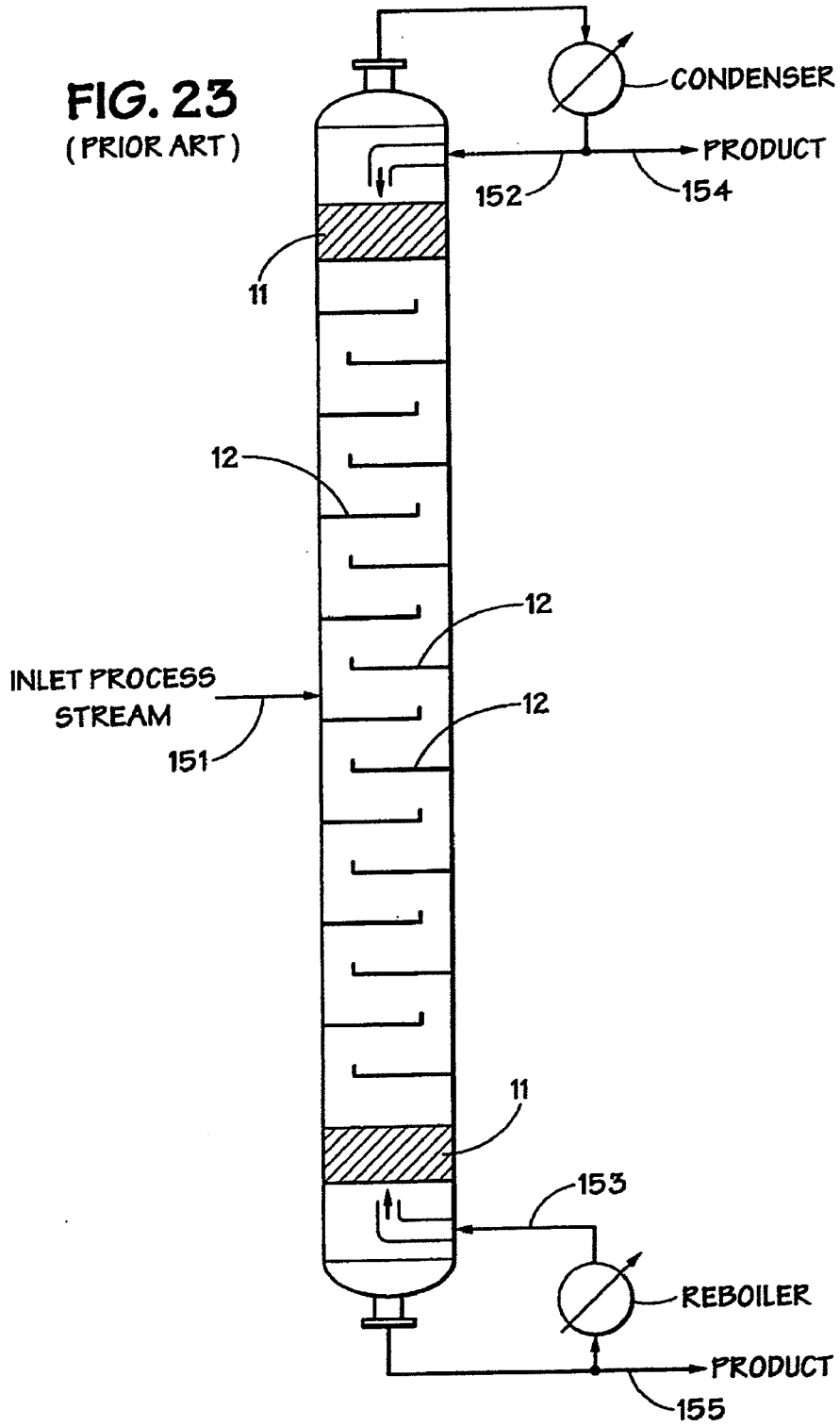
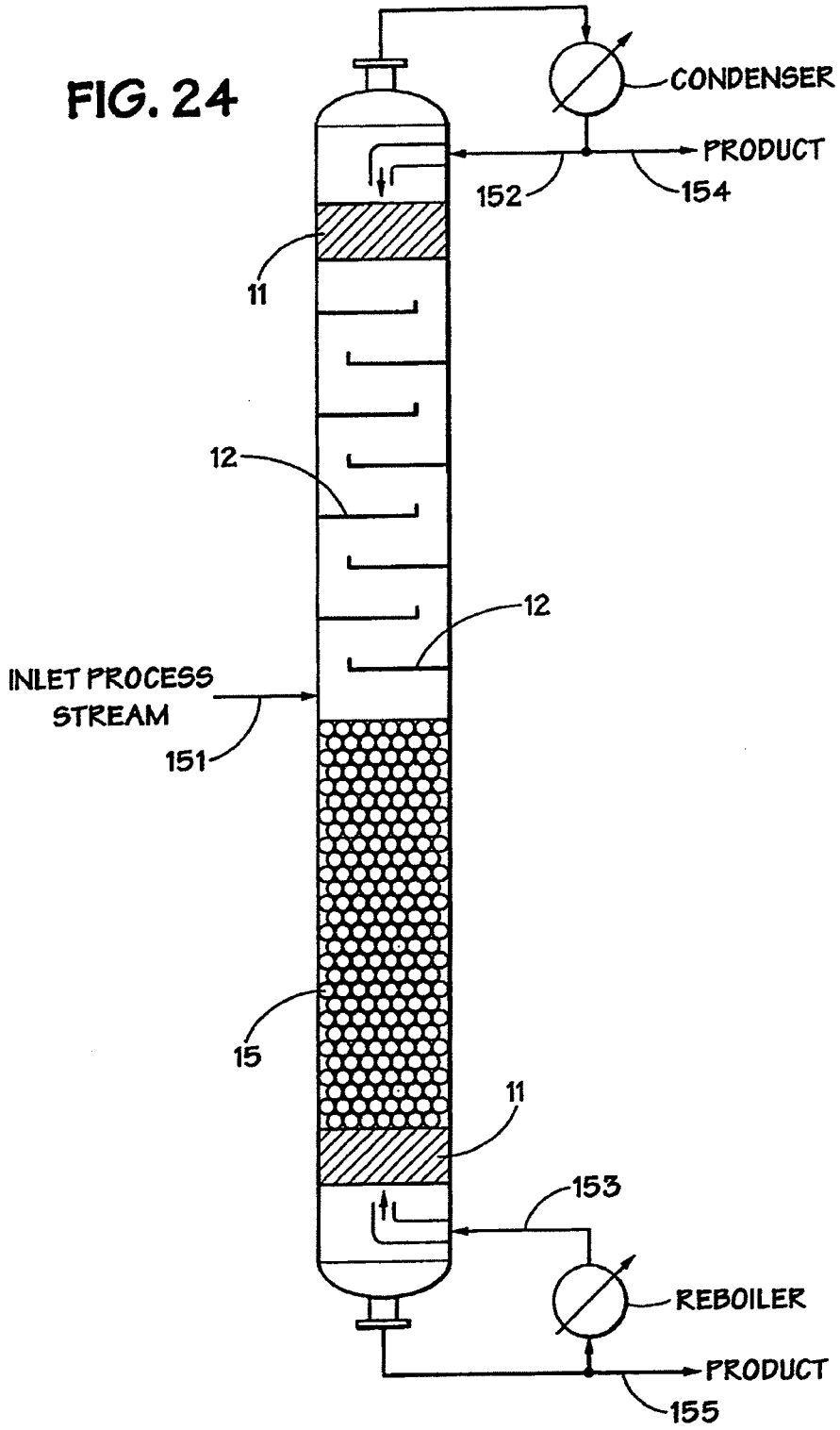


FIG. 24


CONDENSER
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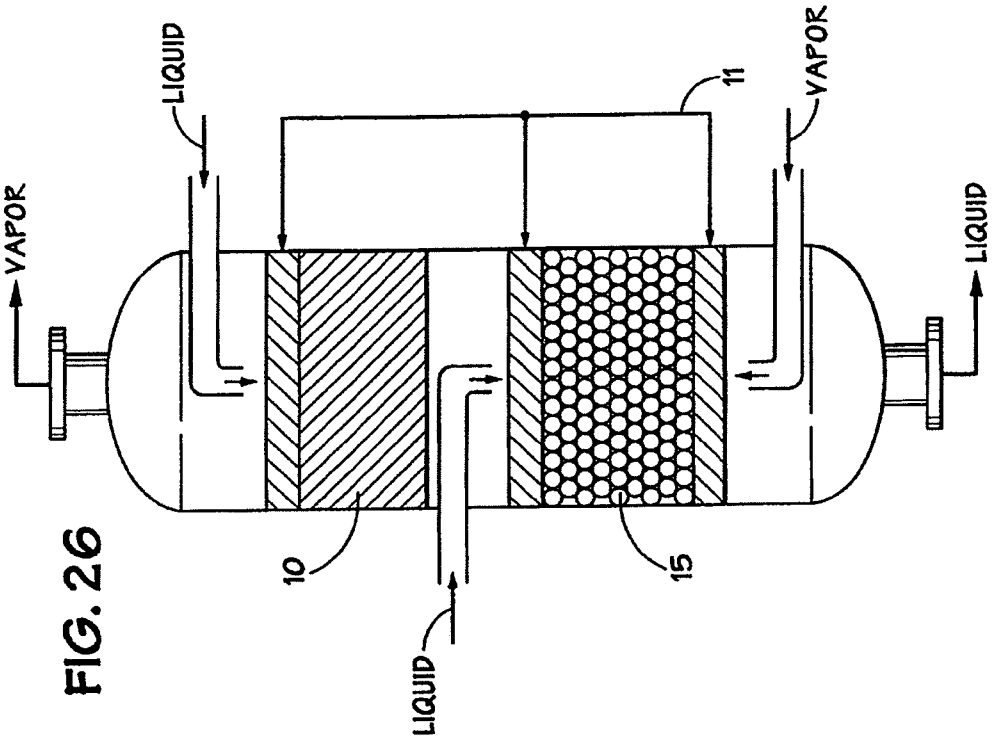


FIG. 26

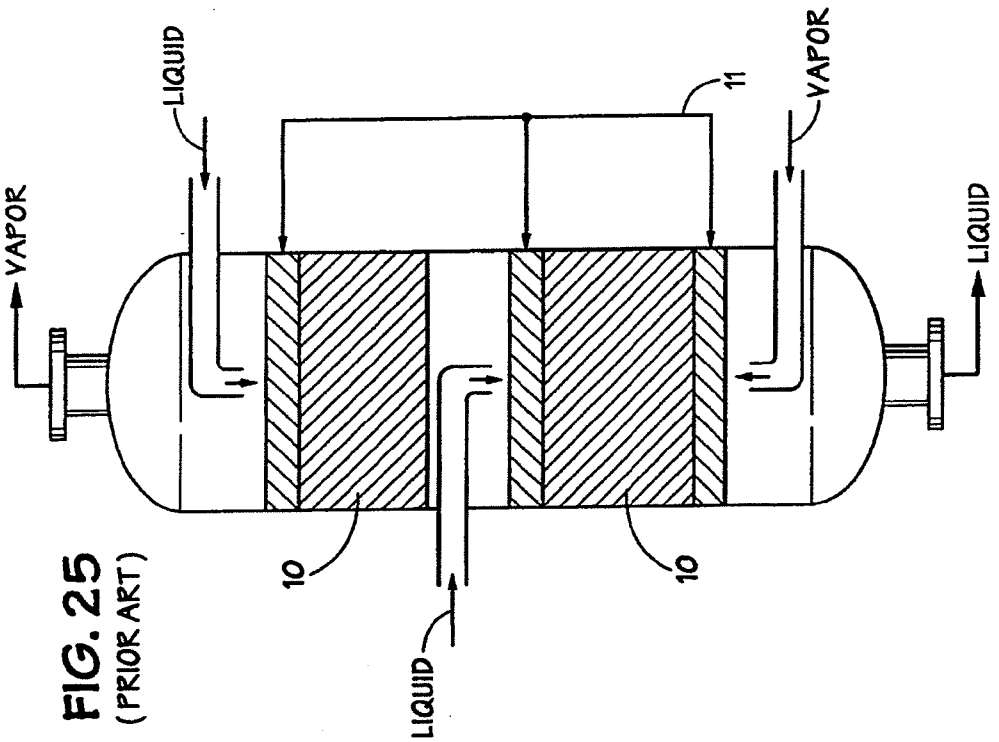


FIG. 25
(PRIOR ART)

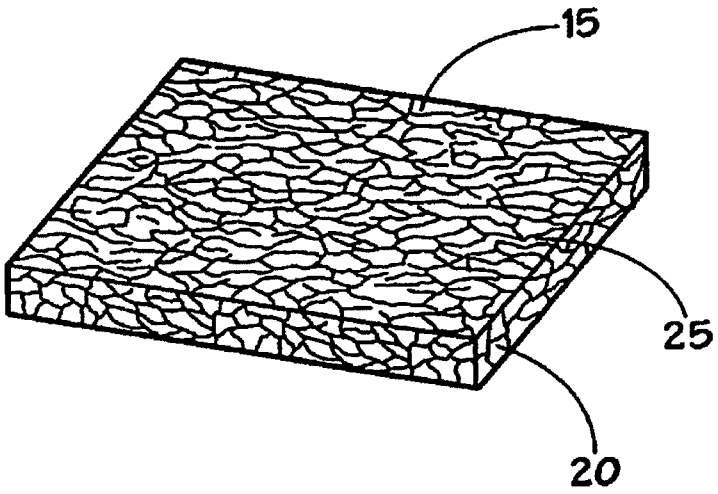


FIG. 27

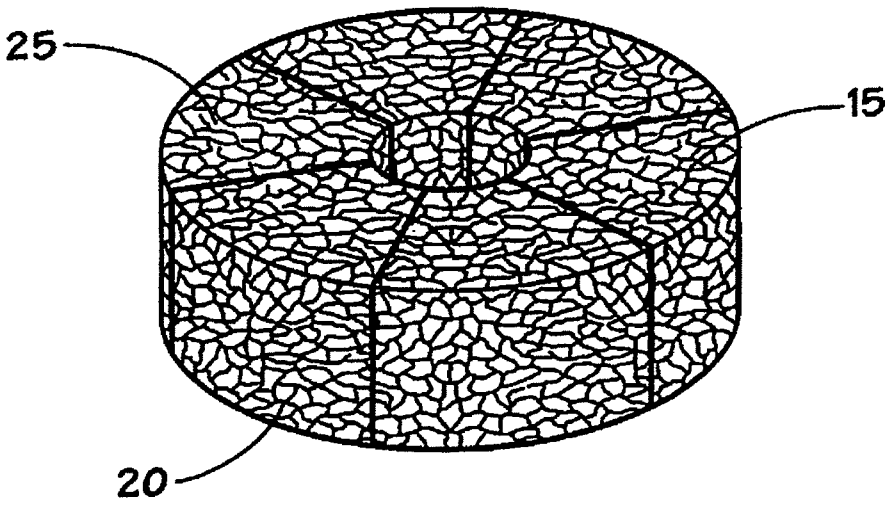


FIG. 28