

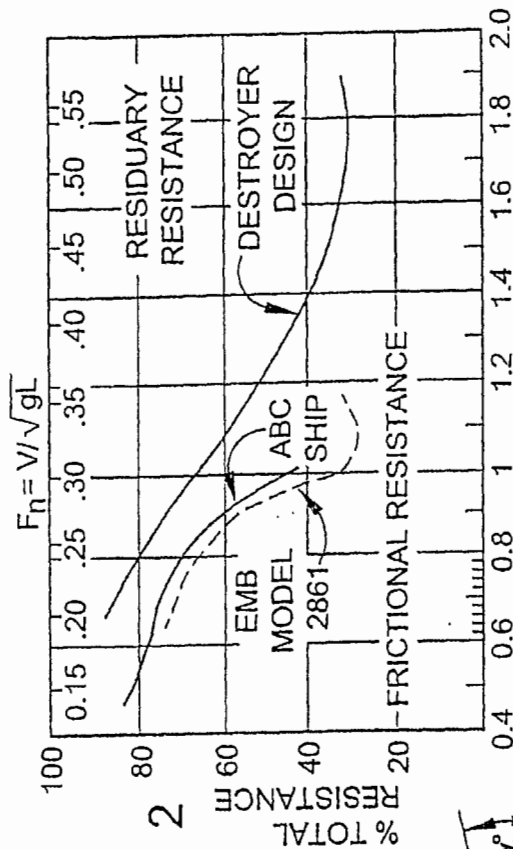
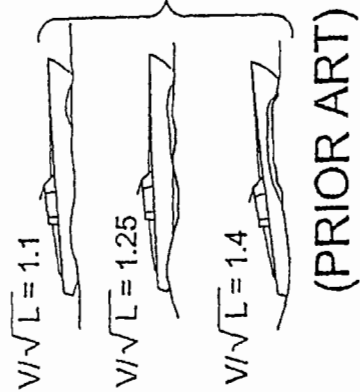
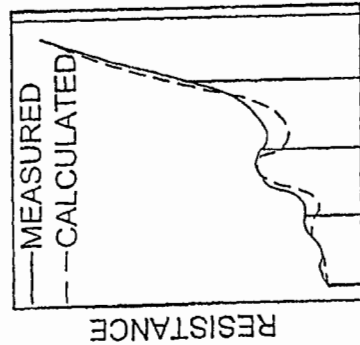


FIG. 1 (PRIOR ART)

(PRIOR ART)

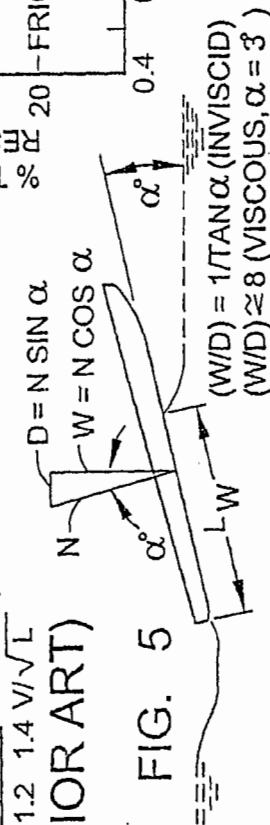


FIG. 5

(PRIOR ART)

FIG. 6 (PRIOR ART)

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FIG. 7a

(PRIOR ART)

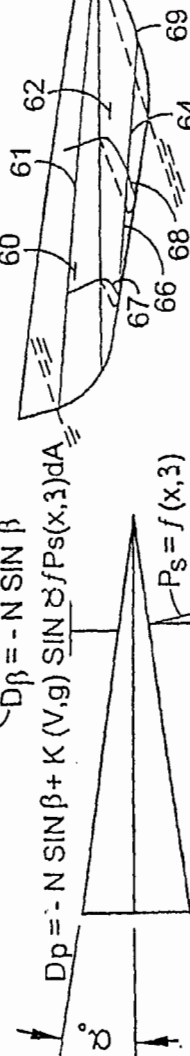


FIG. 7b

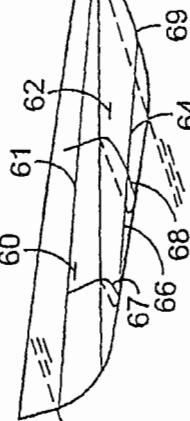


FIG. 9

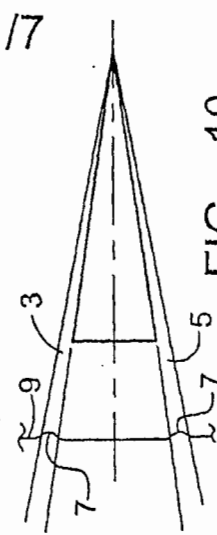


FIG. 10

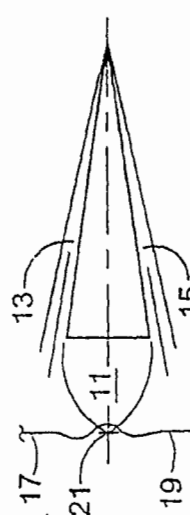


FIG. 11

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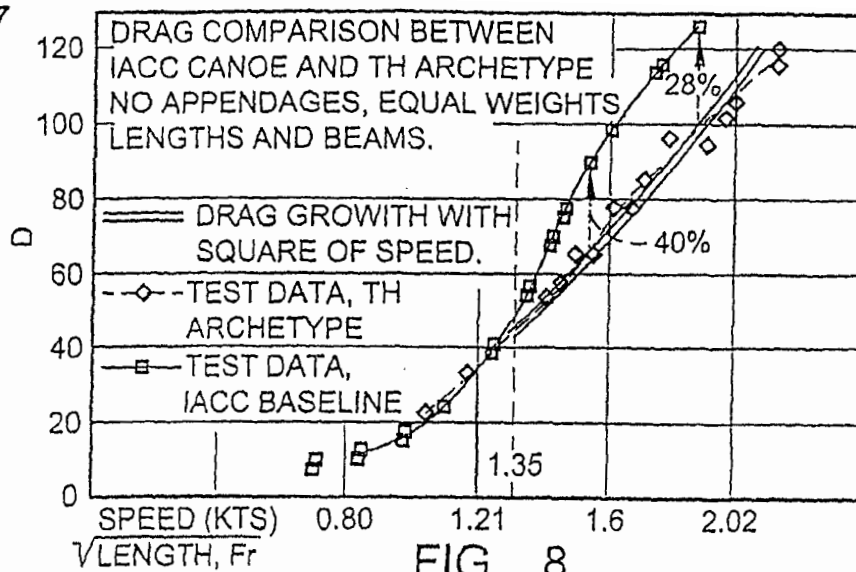


FIG. 8

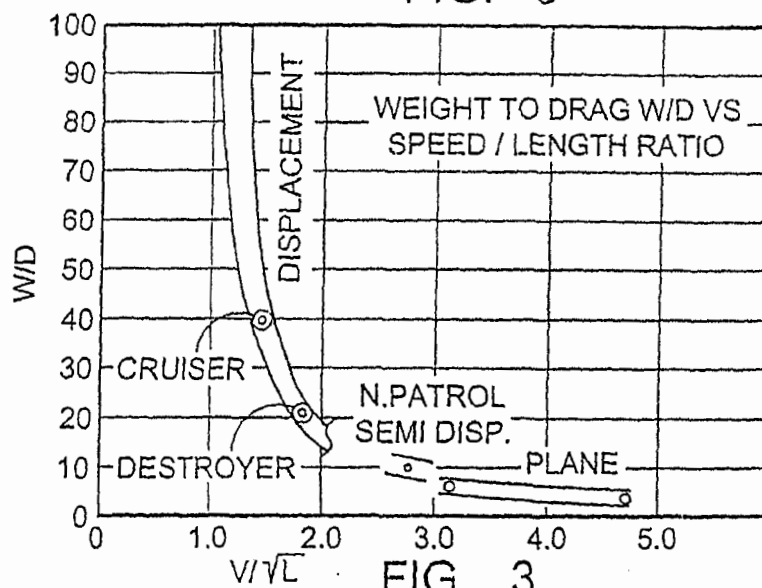
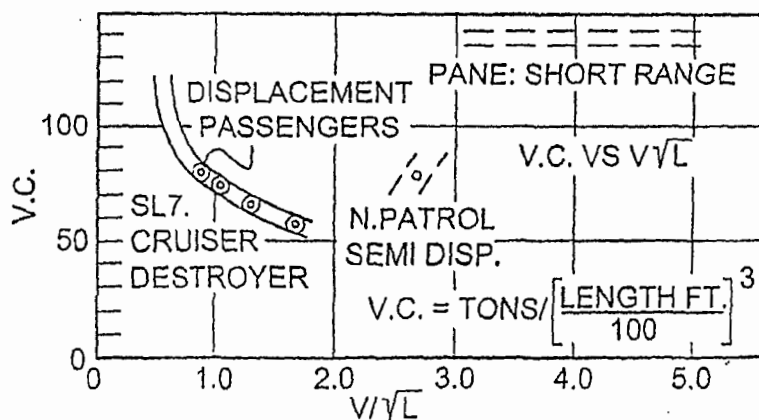


FIG. 3

FIG. 4 TYPICAL VOLUMETRIC COEFFICIENTS V.C.
AS FUNCTIONS OF SPEED TO LENGTH RATIO $V/\sqrt{L}$

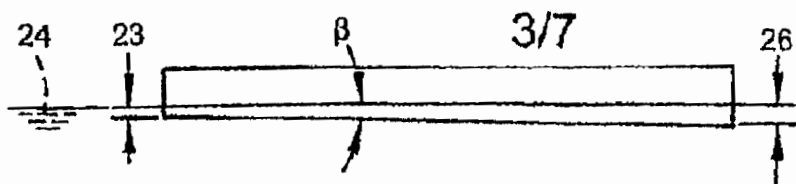


FIG. 12a
 $V/\sqrt{L} = 0$

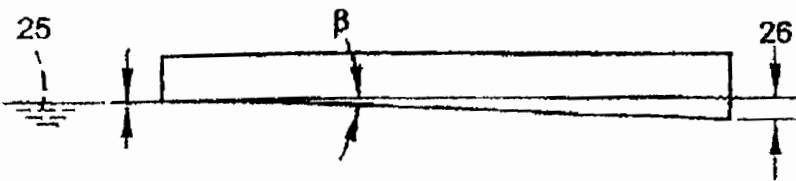


FIG. 12b
SUPERCritical
 $V/\sqrt{L} > 1.25$



FIG. 13a
 $V/\sqrt{L} = 0$

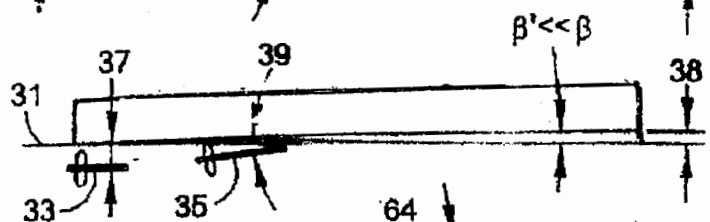


FIG. 13b
HYPERCRITICAL
 $V/\sqrt{L} > 2.0$

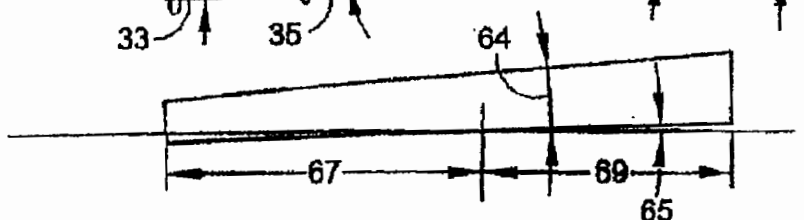


FIG. 14b
TRANSPLANAR
 $V/\sqrt{L} > 3.0$

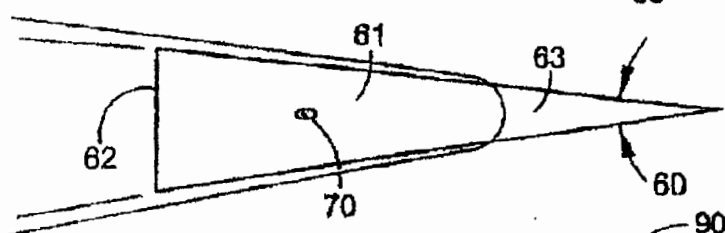


FIG. 14a
 $V/\sqrt{L} \geq 3.0$

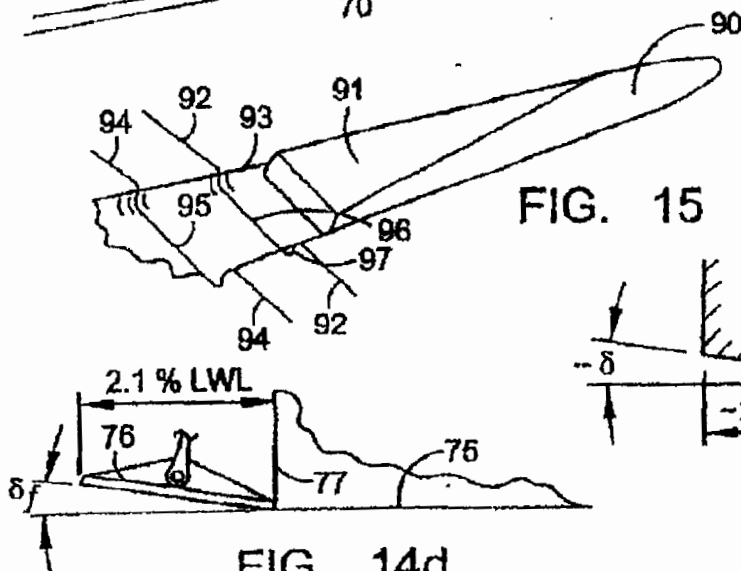


FIG. 15

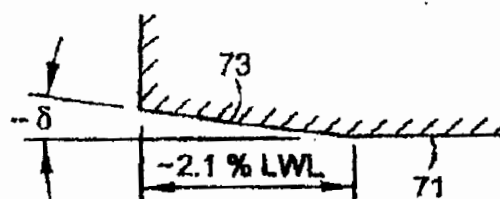


FIG. 14c

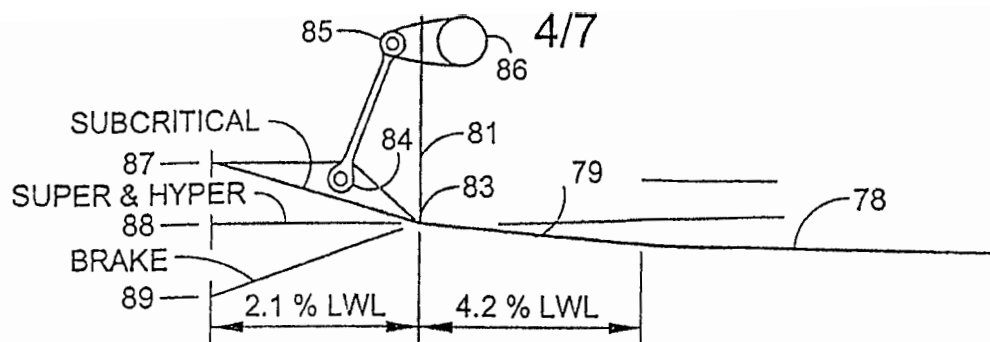


FIG. 14e

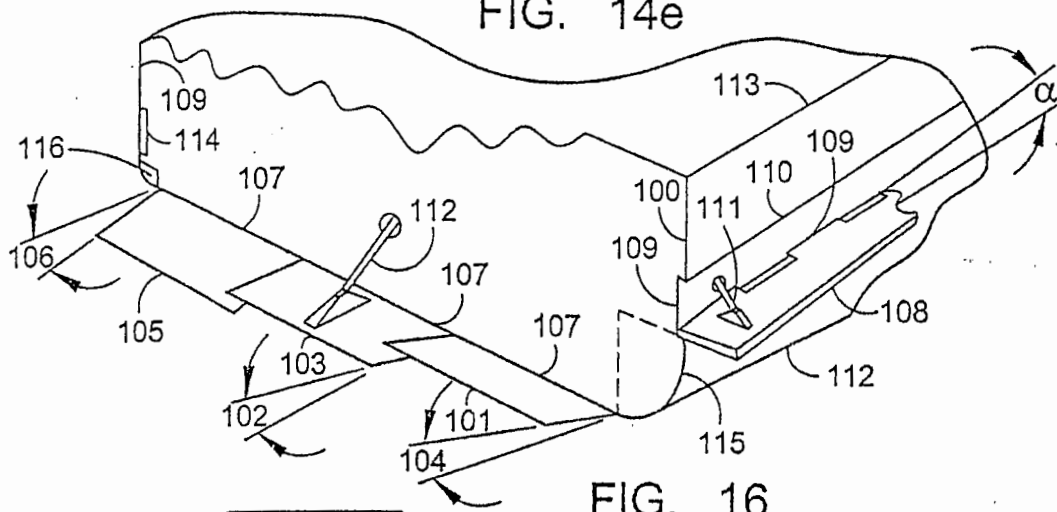


FIG. 16

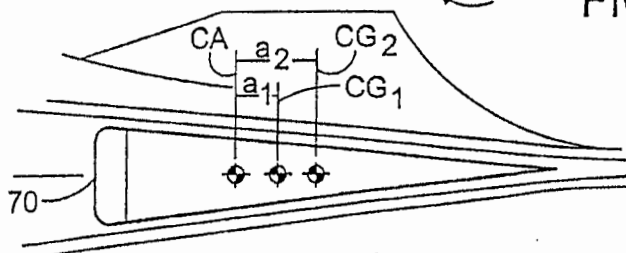


FIG. 19

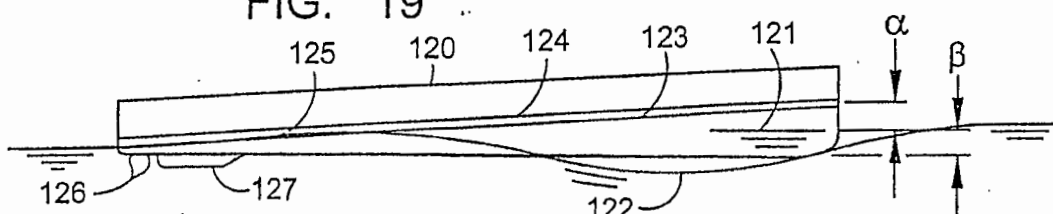
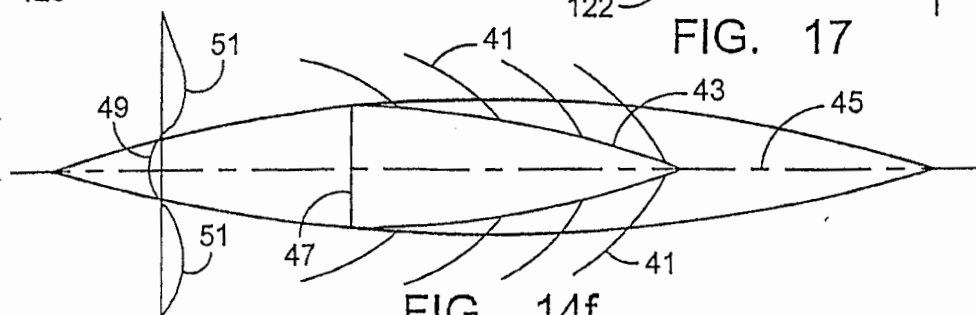


FIG. 17



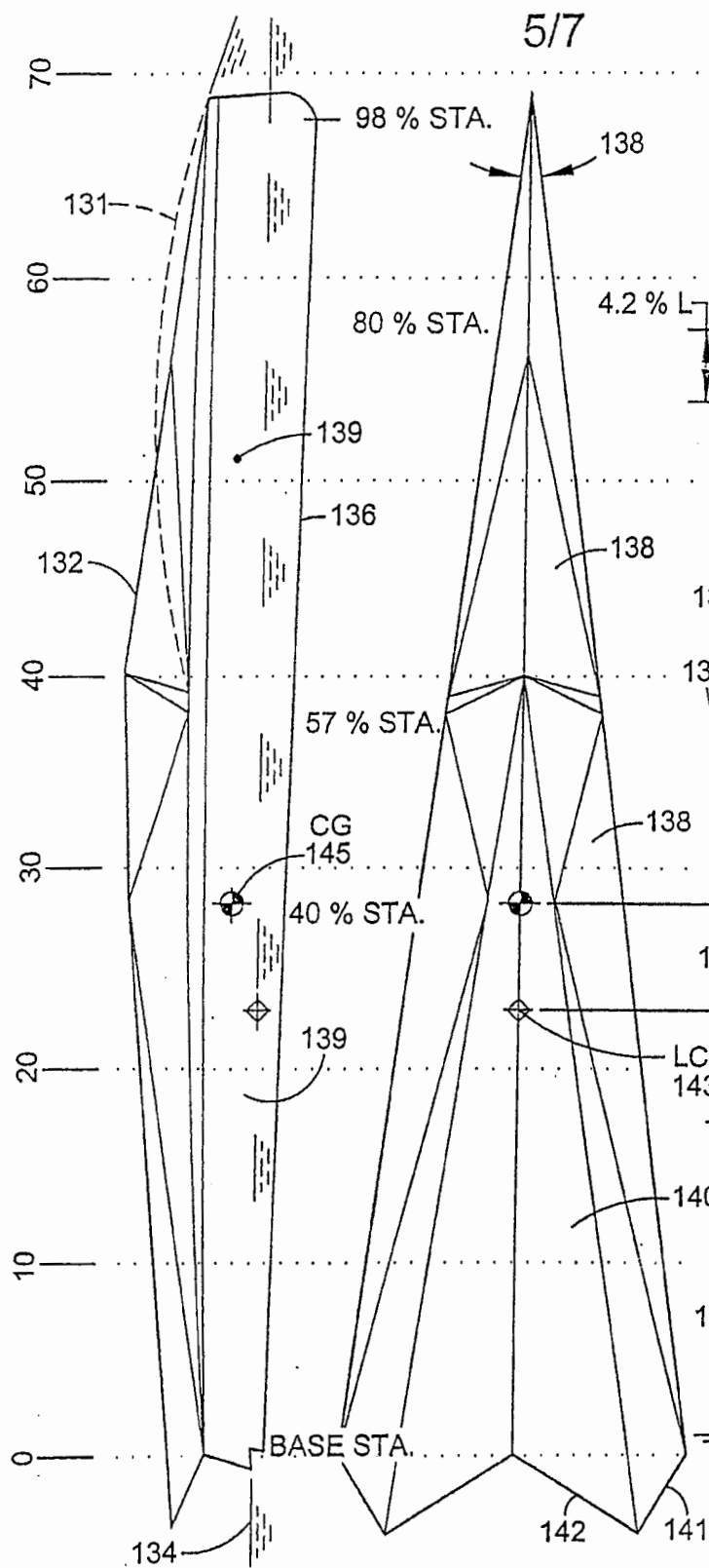


FIG. 18b

FIG. 18a

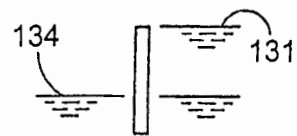


FIG. 18c

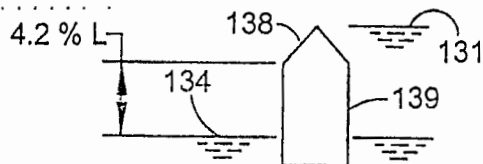


FIG. 18d

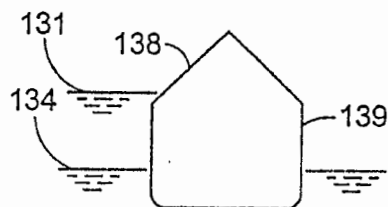


FIG. 18e

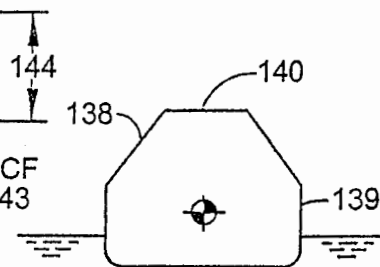


FIG. 18f

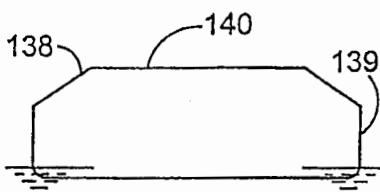


FIG. 16

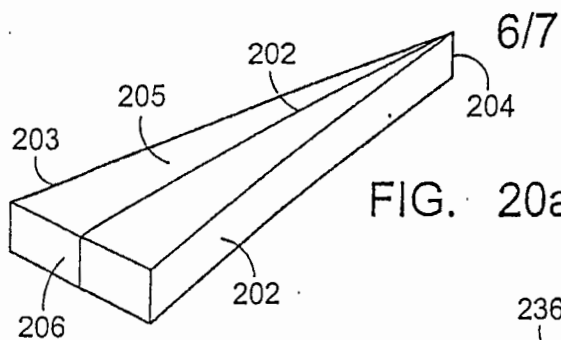


FIG. 20a

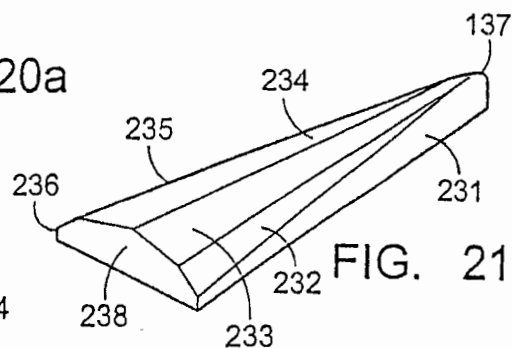


FIG. 21

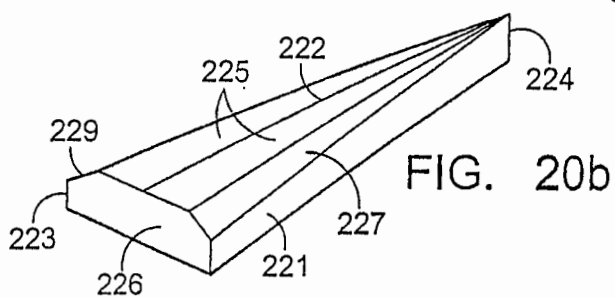


FIG. 20b

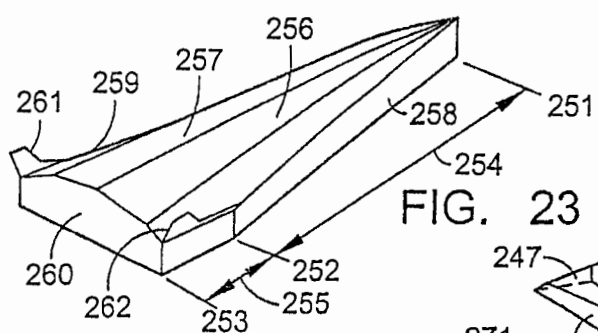


FIG. 23

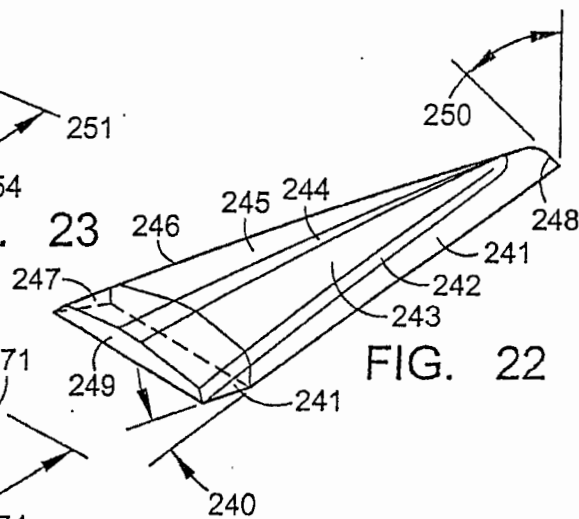


FIG. 22

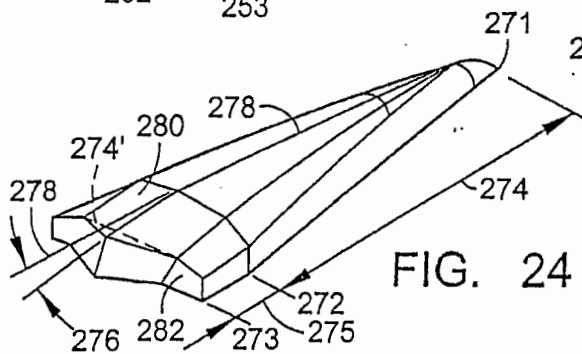


FIG. 24

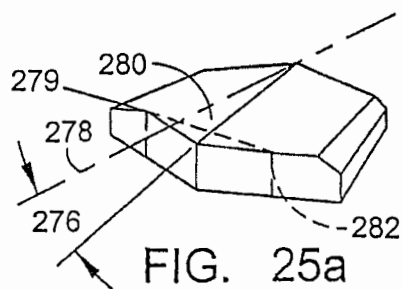


FIG. 25a

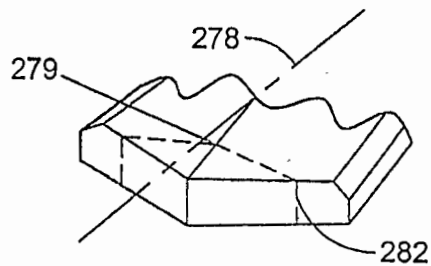


FIG. 25b

