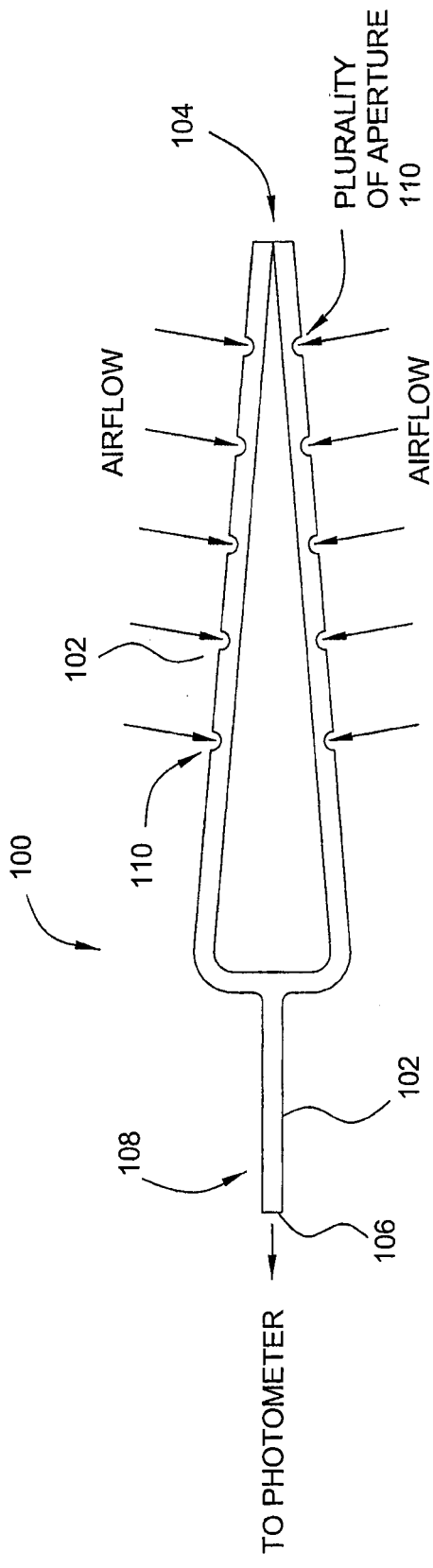

100
110
102
AIRFLOW
AIRFLOW
104
PLURALITY
OF APERTURE
110
102
108
106
TO PHOTOMETER

FIG. 1A

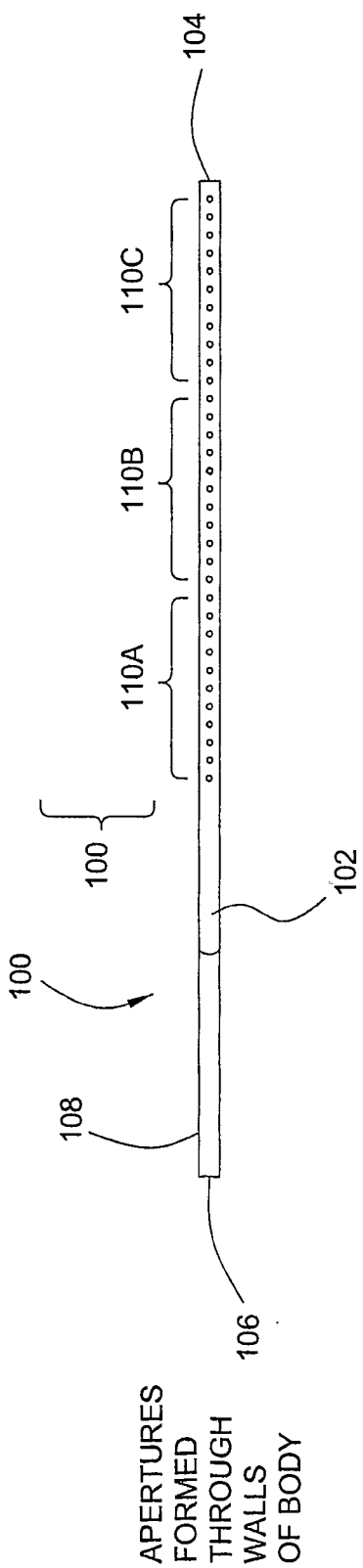

100
110A
110B
110C
104
100
102
108
106
APERTURES
FORMED
THROUGH
WALLS
OF BODY

FIG. 1B

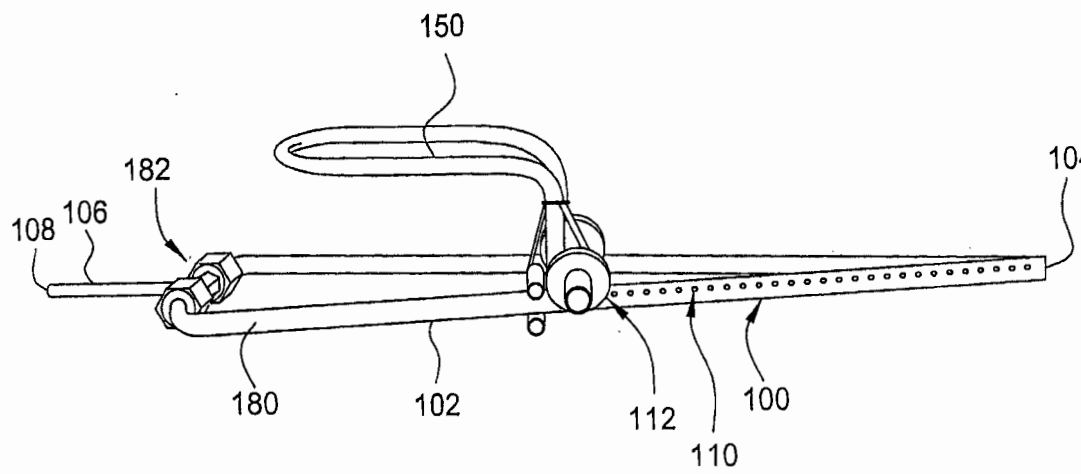


FIG. 2

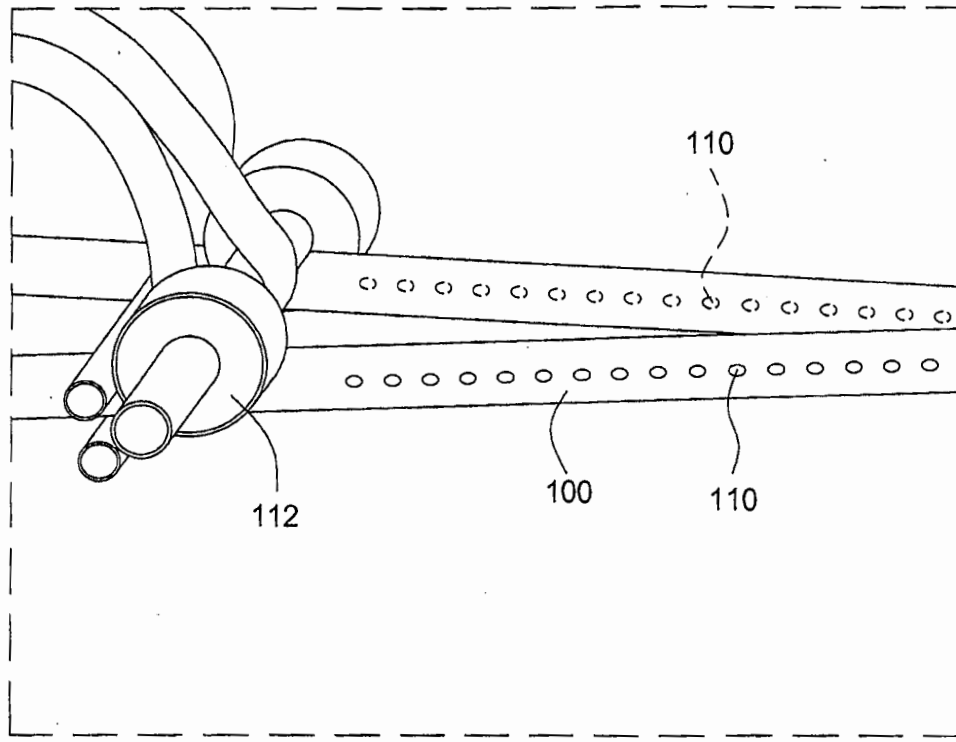


FIG. 3

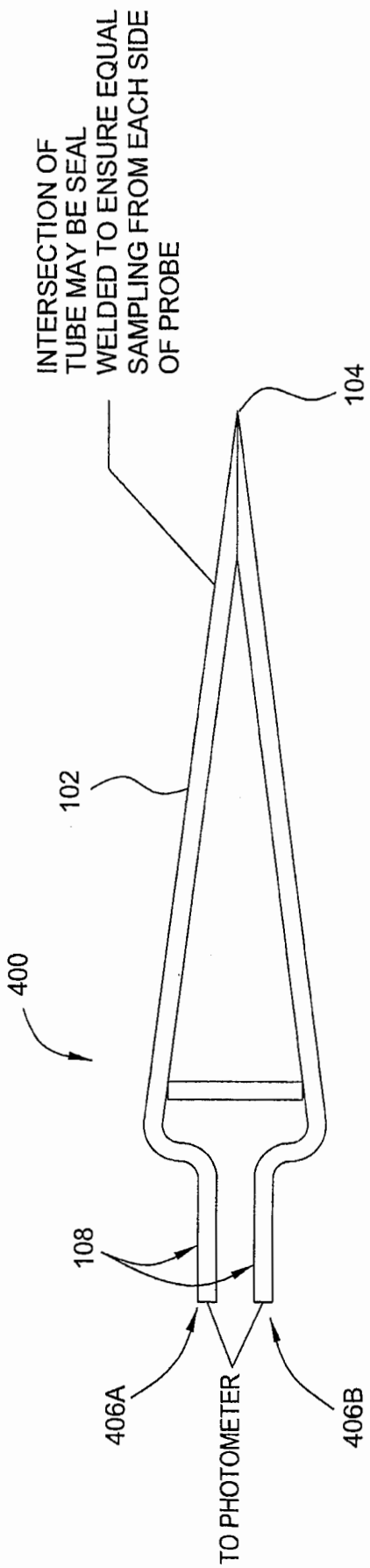

INTERSECTION OF
TUBE MAY BE SEAL
WELDED TO ENSURE EQUAL
SAMPLING FROM EACH SIDE
OF PROBE
104
102
400
108
406A
TO PHOTOMETER
406B

FIG. 4A

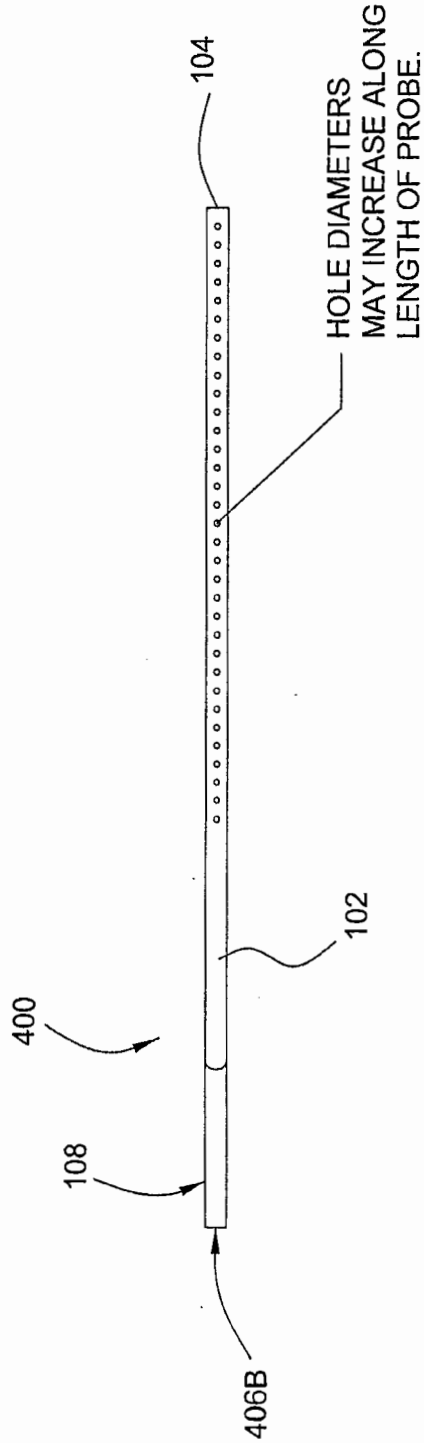

104
HOLE DIAMETERS
MAY INCREASE ALONG
LENGTH OF PROBE.
102
400
108
406B

FIG. 4B

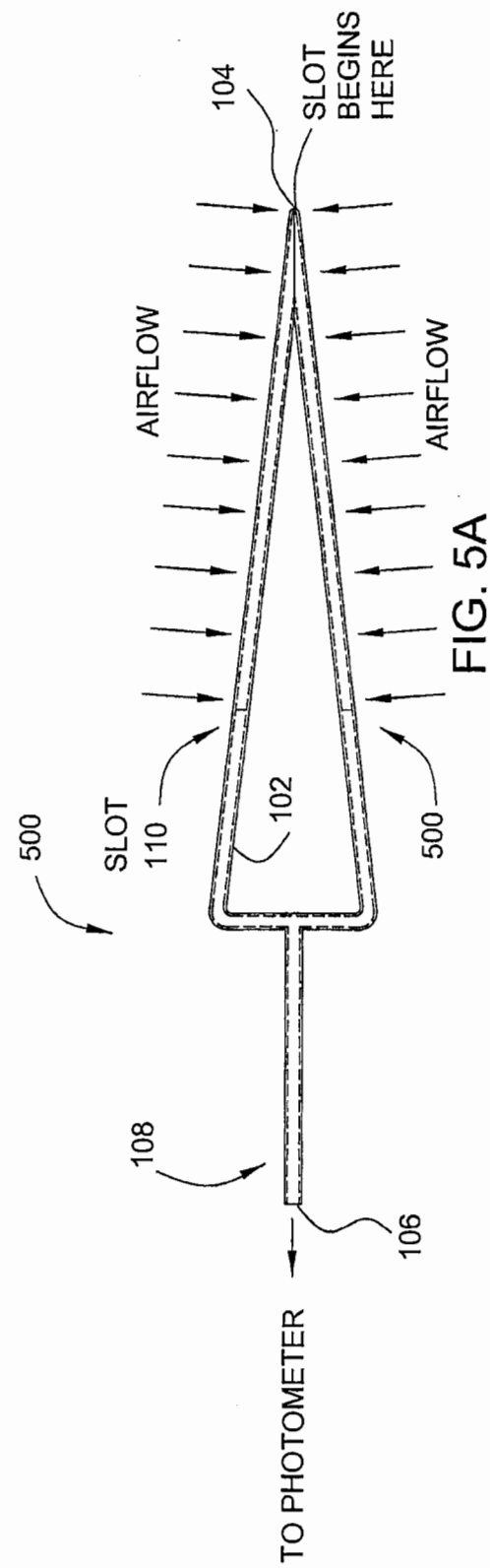

500
SLOT
110
102
104
SLOT
BEGINS
HERE
AIRFLOW
AIRFLOW
500
108
106
TO PHOTOMETER

FIG. 5A

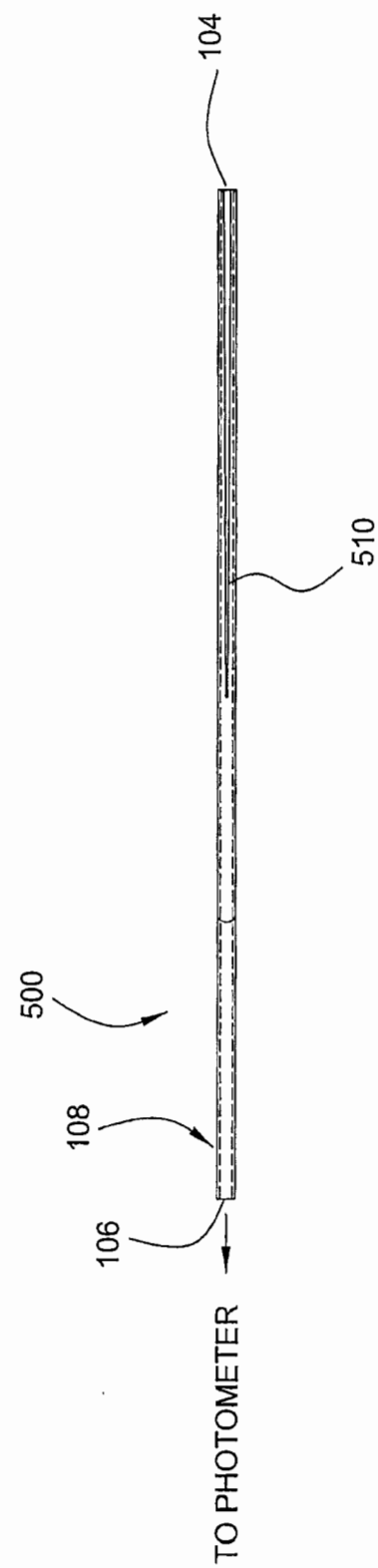

104
510
500
108
106
TO PHOTOMETER

FIG. 5B

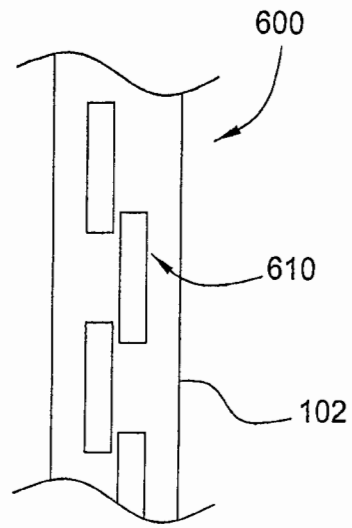

600
610
102

FIG. 6

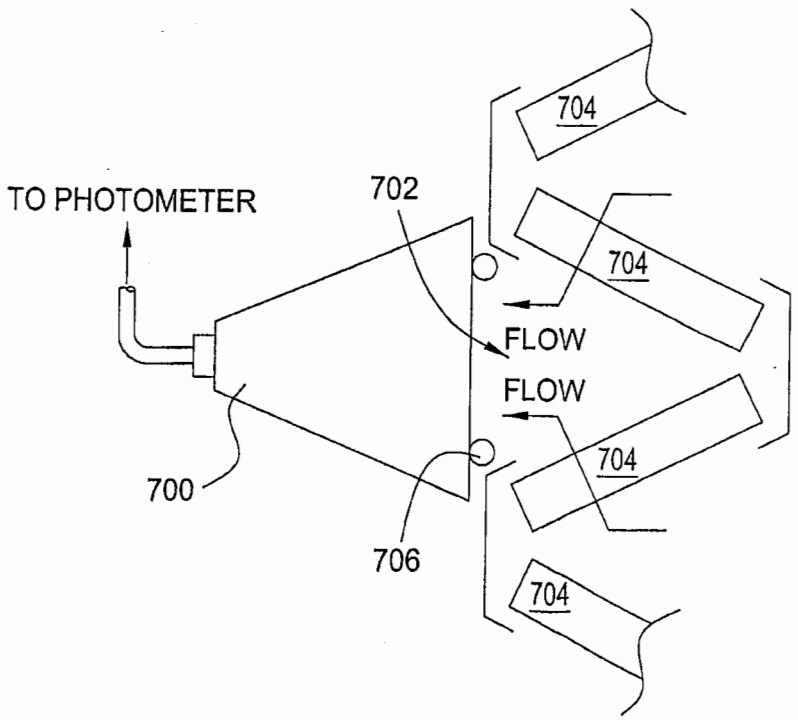

TO PHOTOMETER
702
704
704
FLOW
FLOW
704
704
700
706

FIG. 7

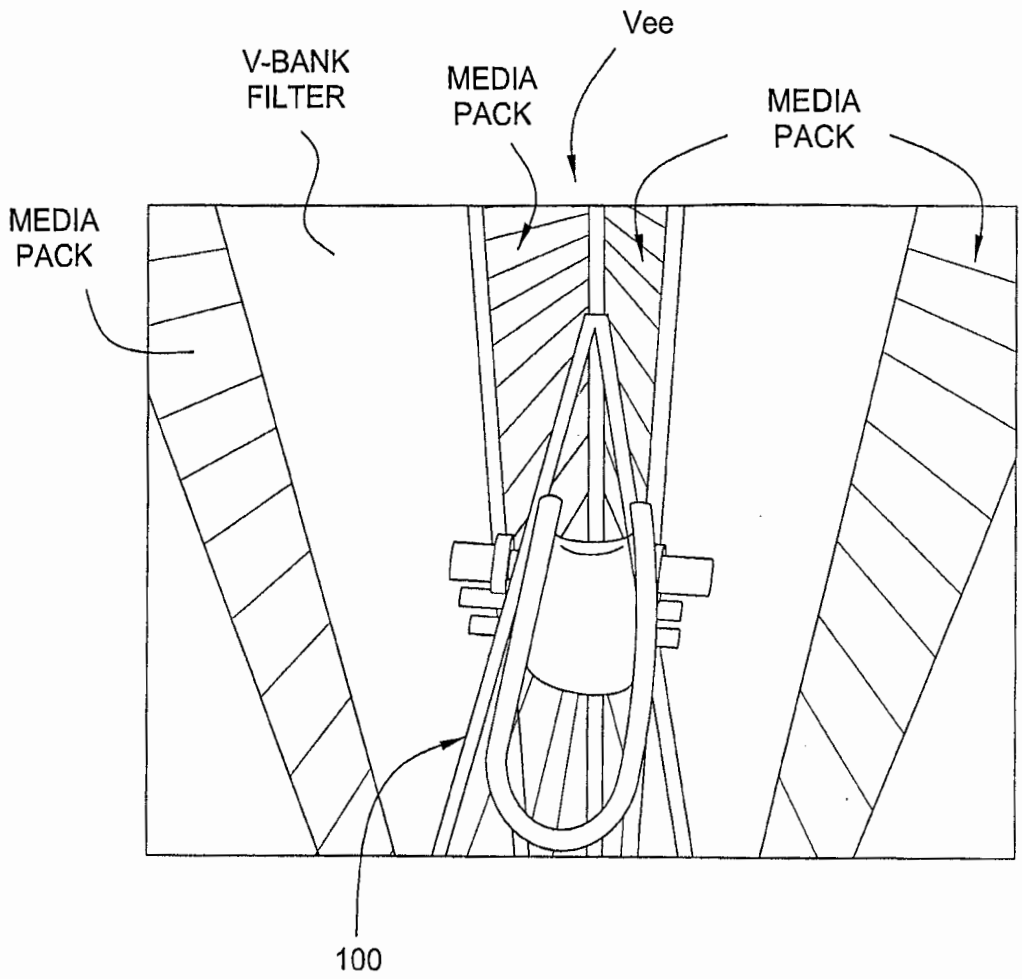


FIG. 8

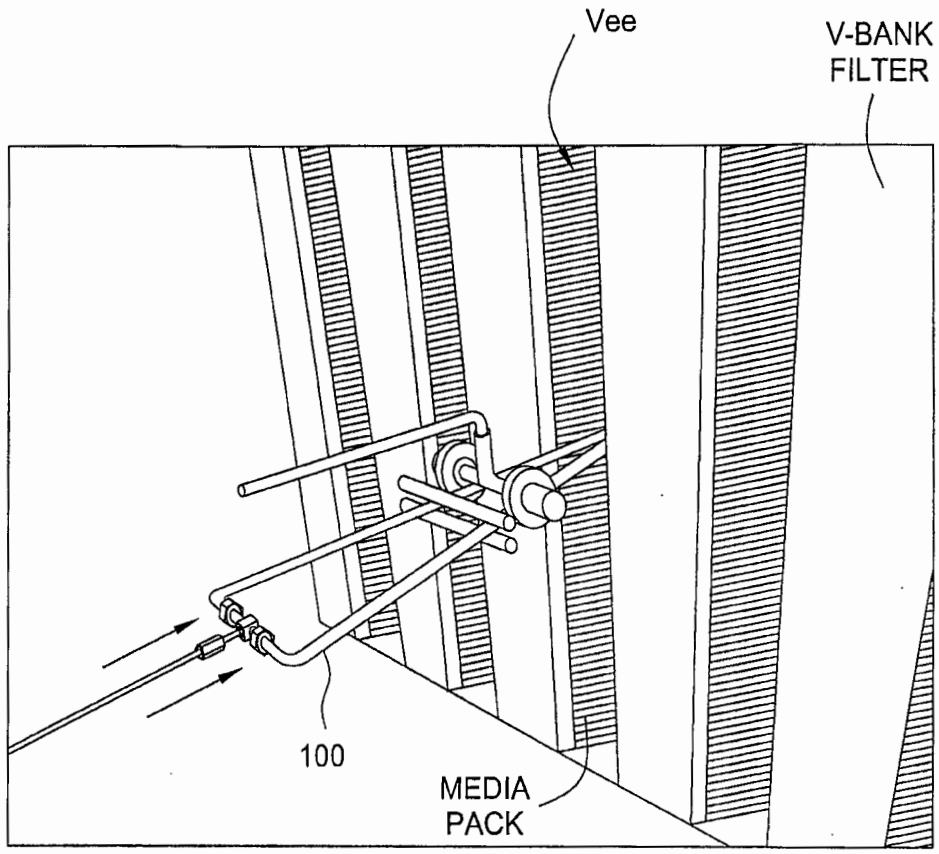
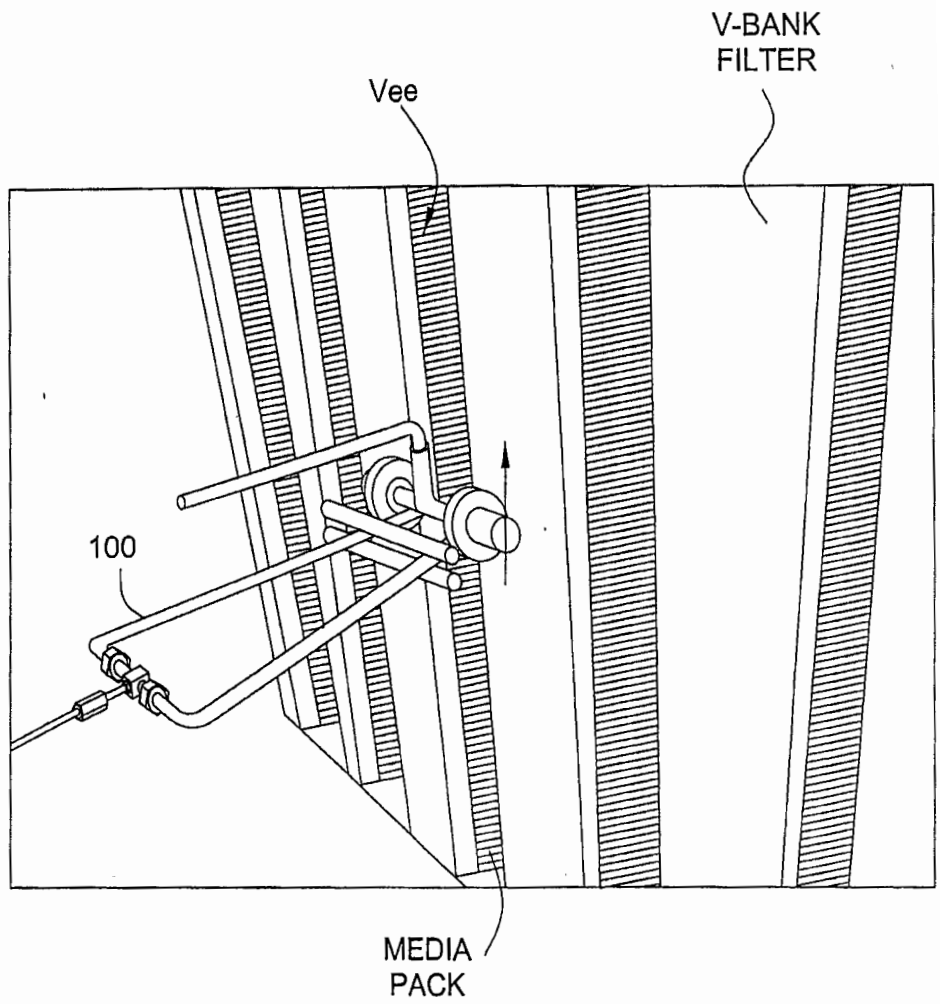


FIG. 9



SCANNING

FIG. 10

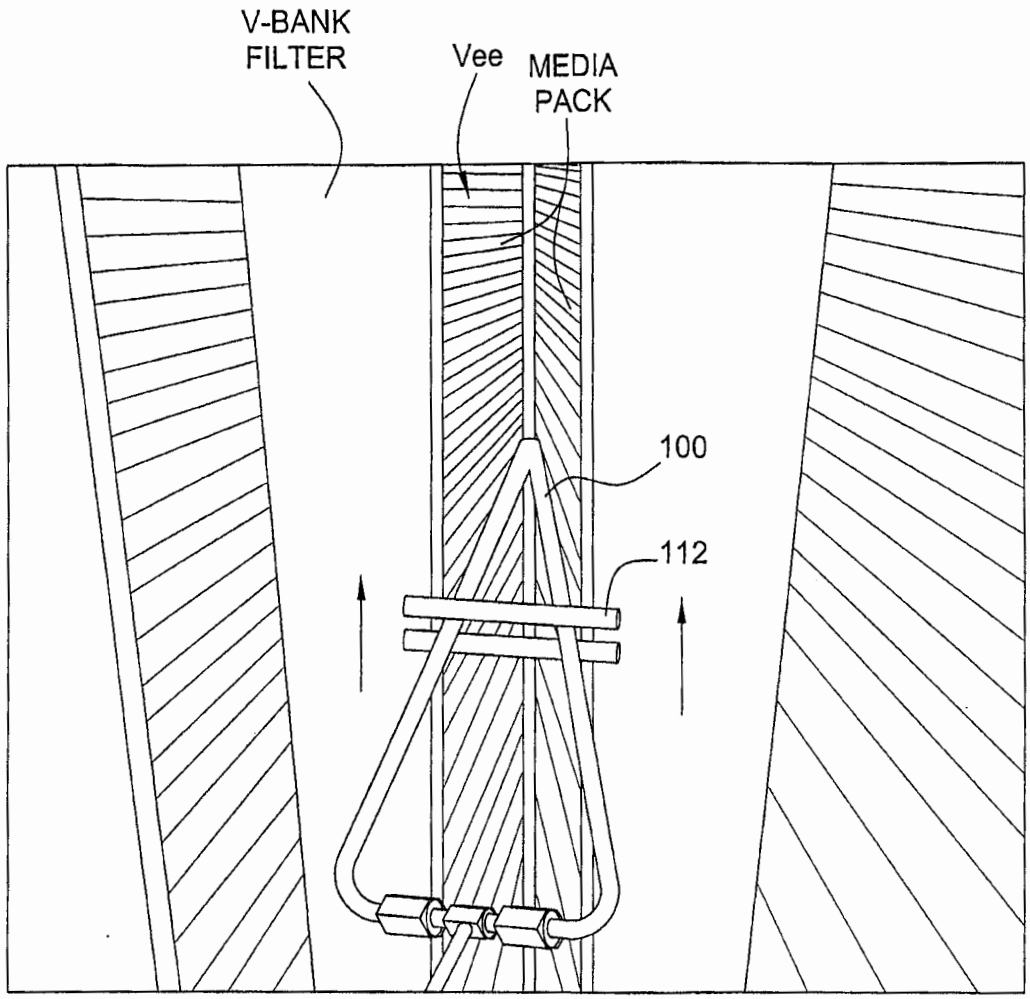


FIG. 11

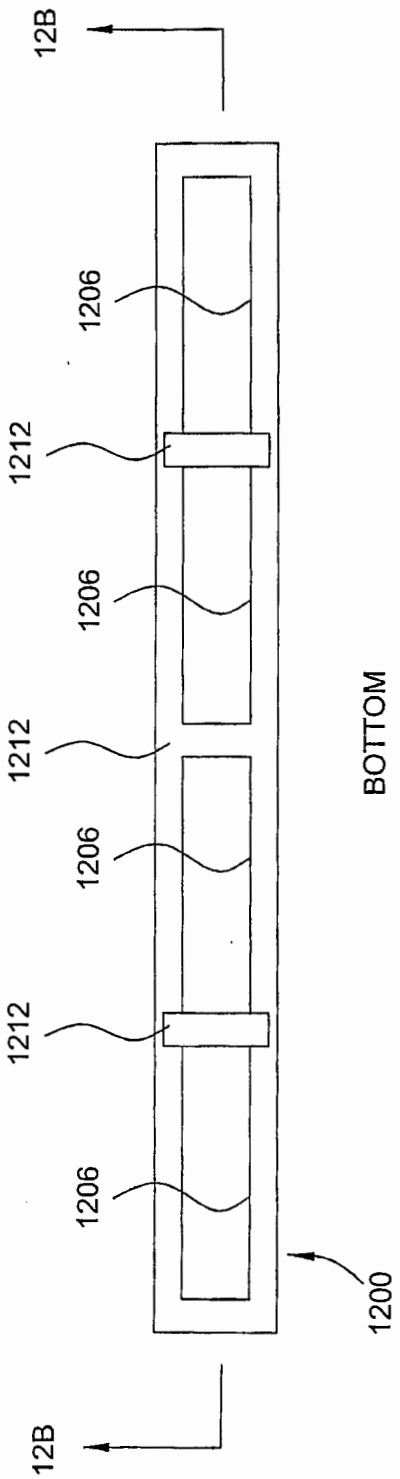


FIG. 12A

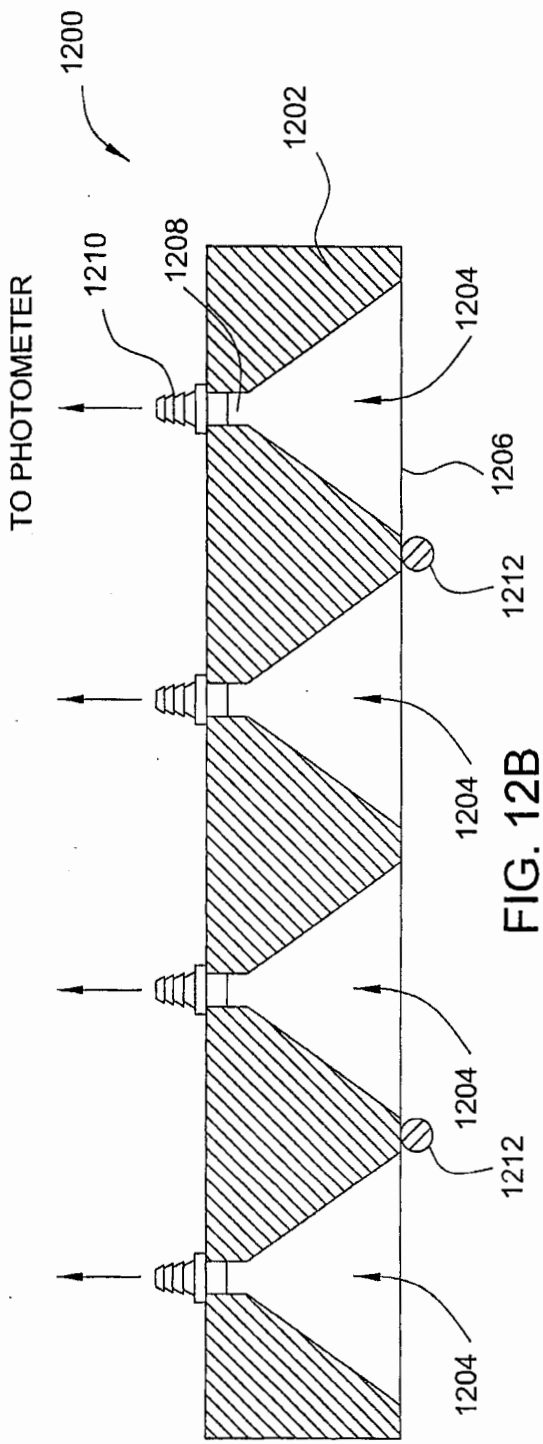


FIG. 12B