

1/10

FIG. 1

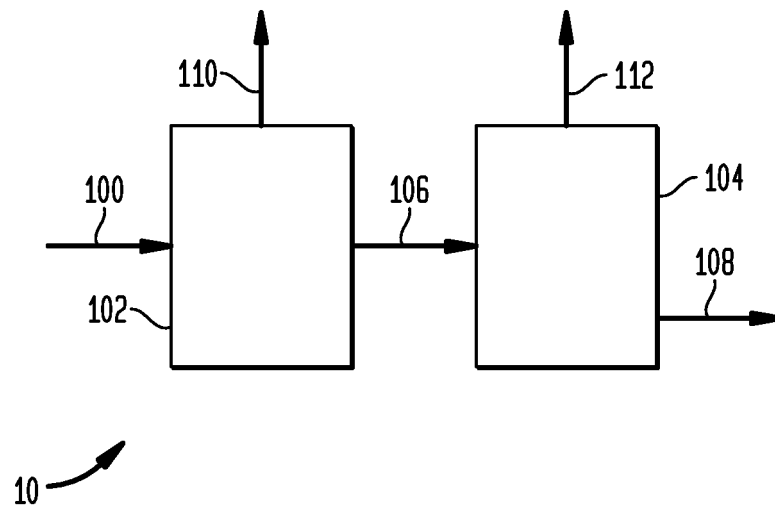
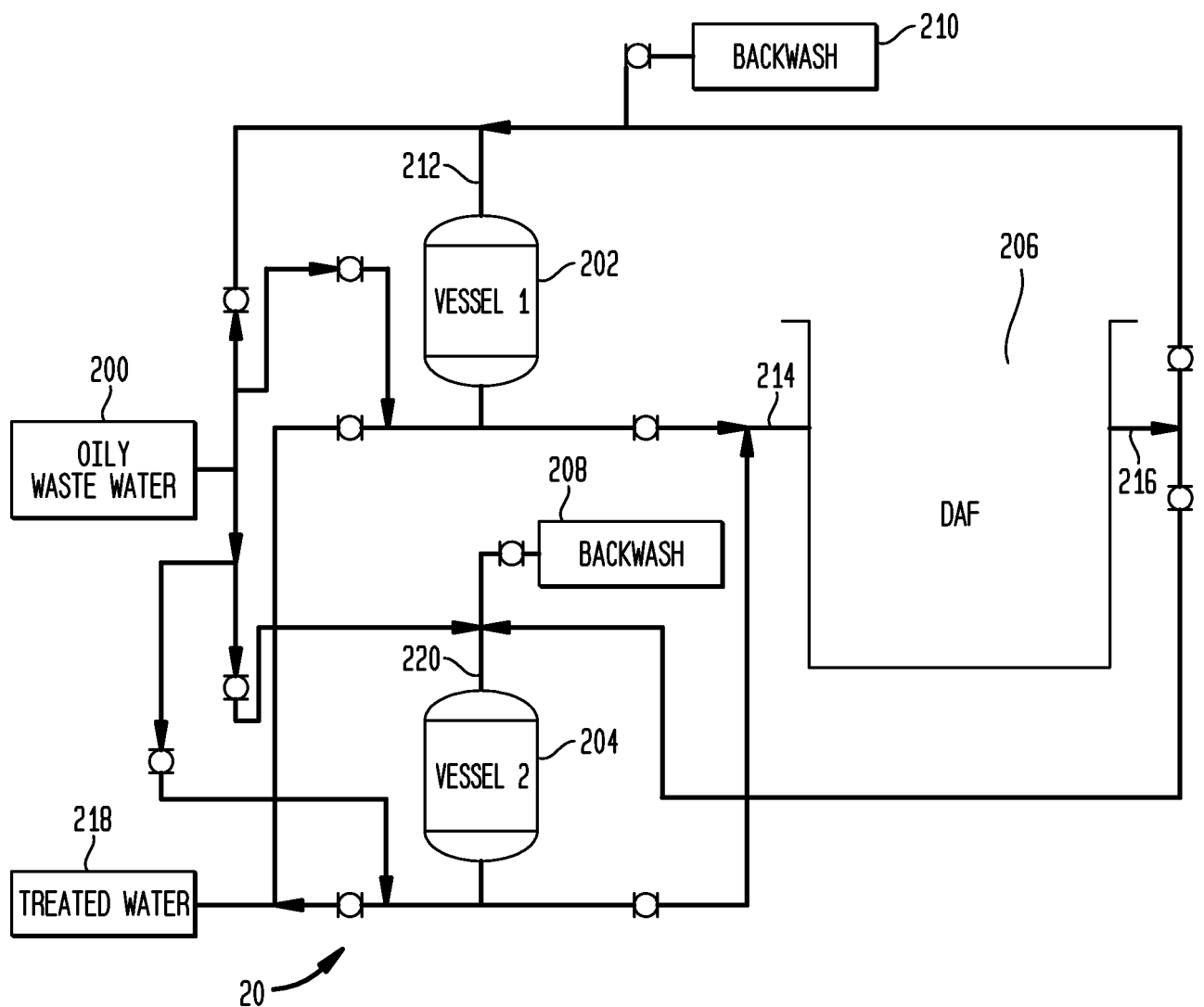
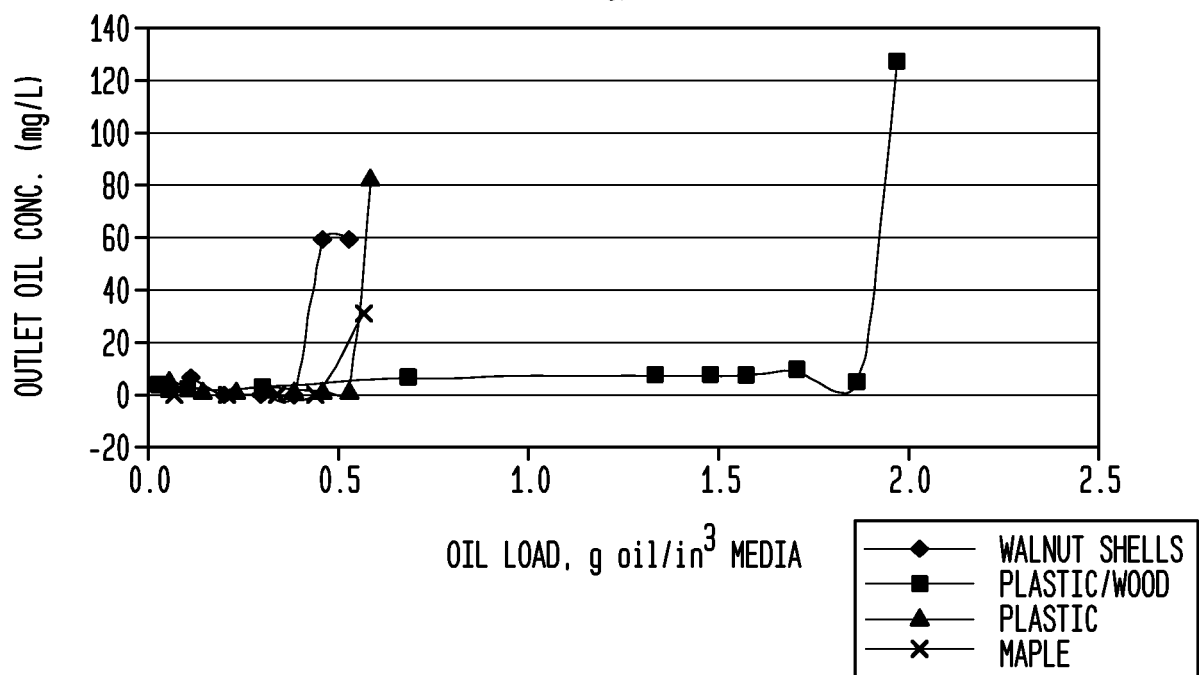


FIG. 2



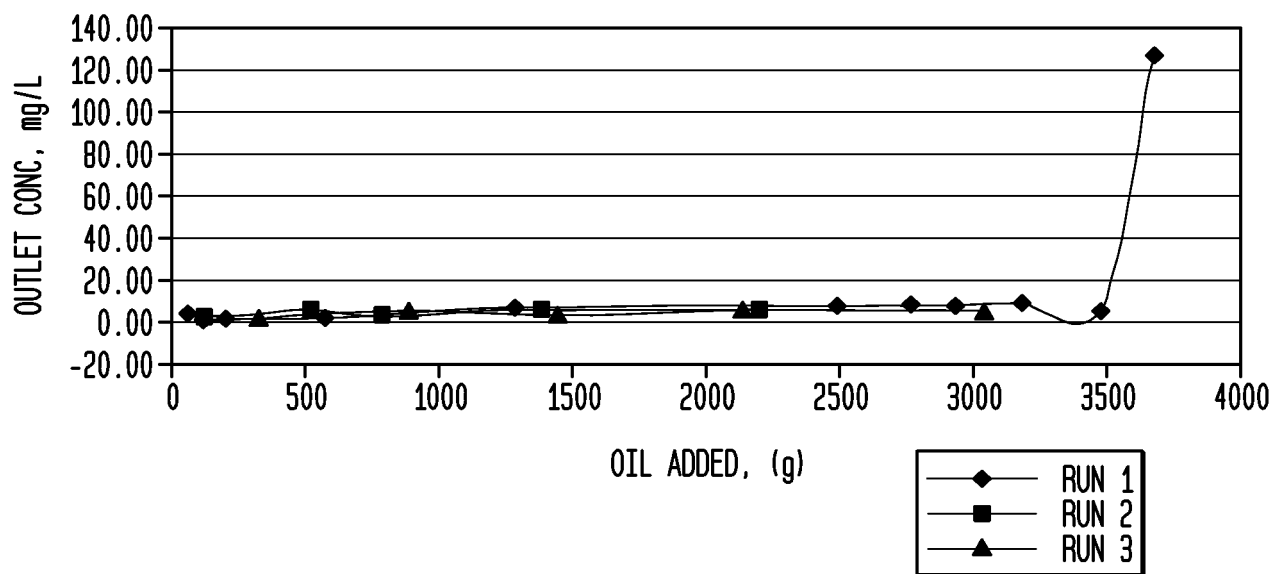
2/10

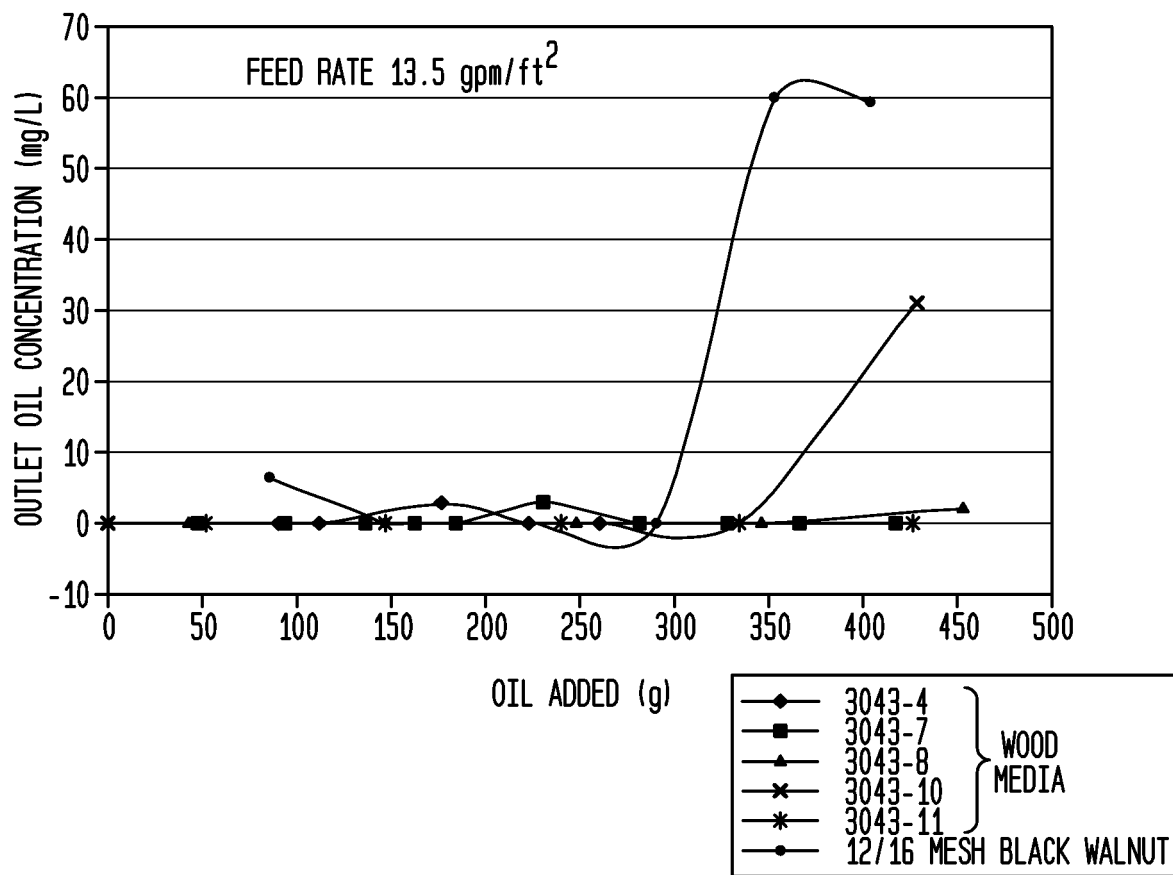
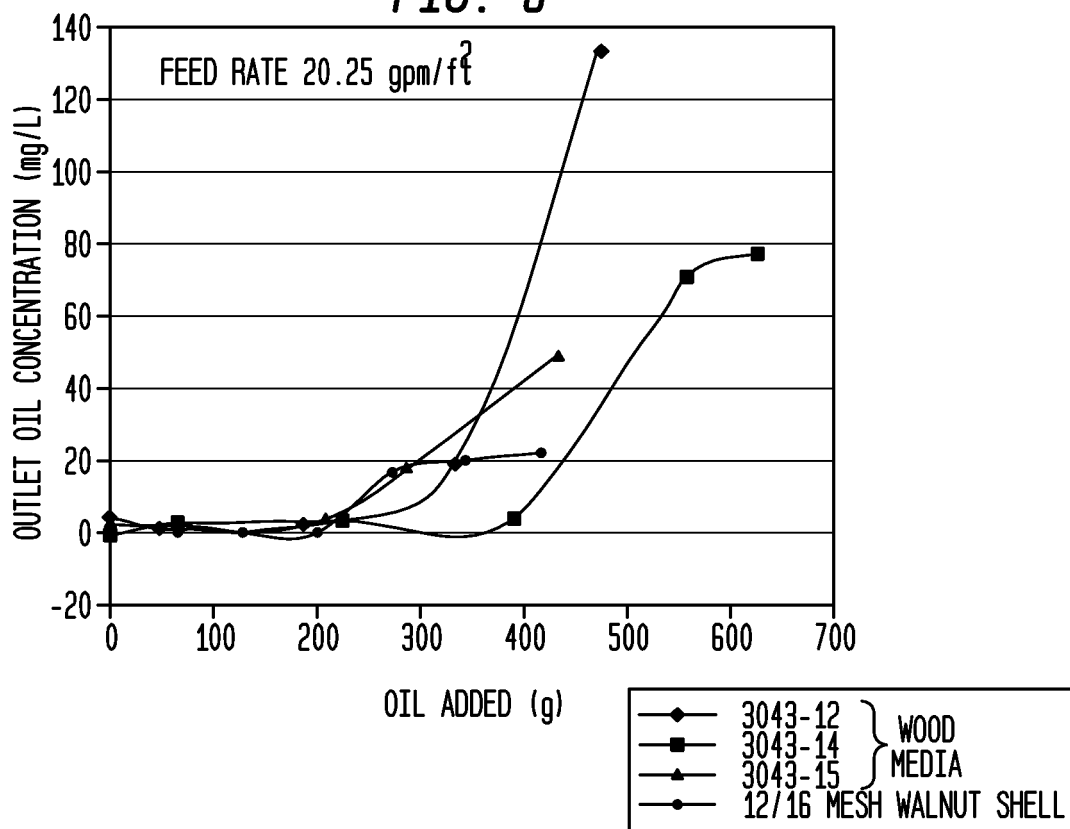
FIG. 313.5 gpm/ft²**FIG. 4**

PLASTIC/WOOD MEDIA

13.5 gpm/ft²

INLET CONCENTRATION: 200 mg/L



3/10
FIG. 5**FIG. 6**

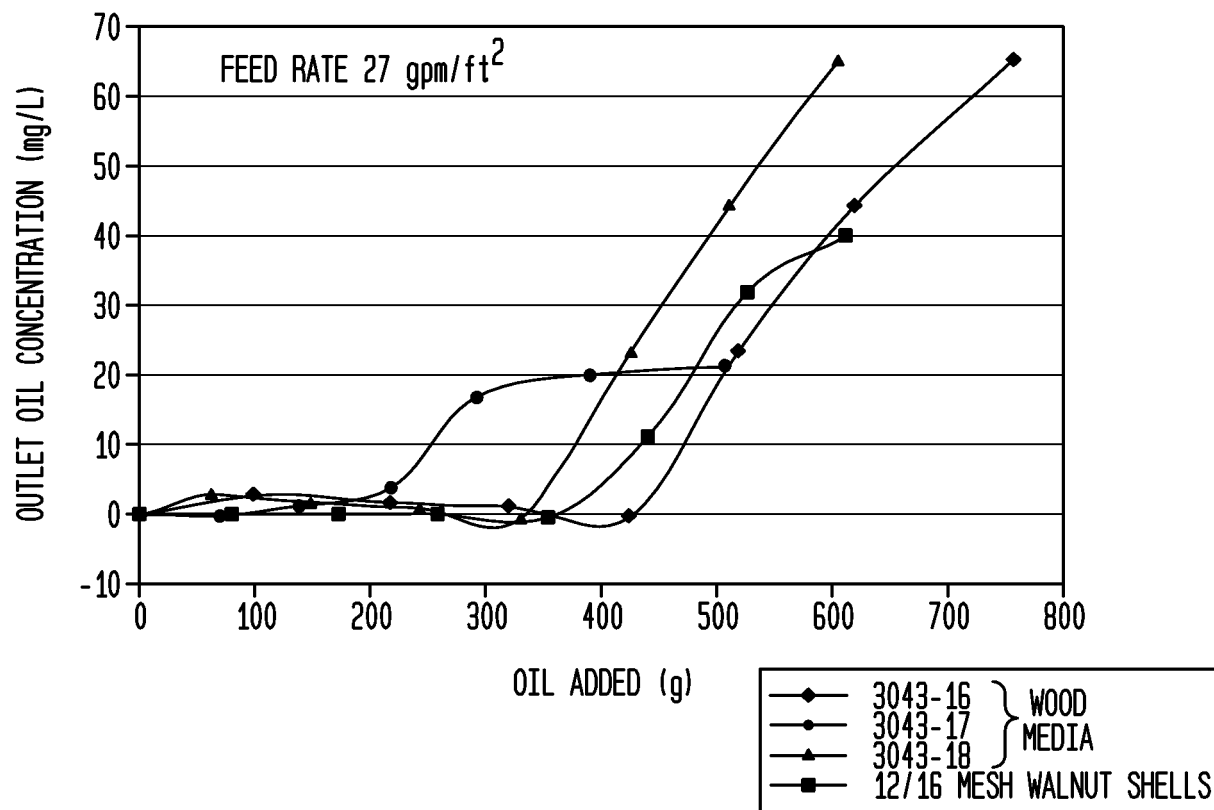
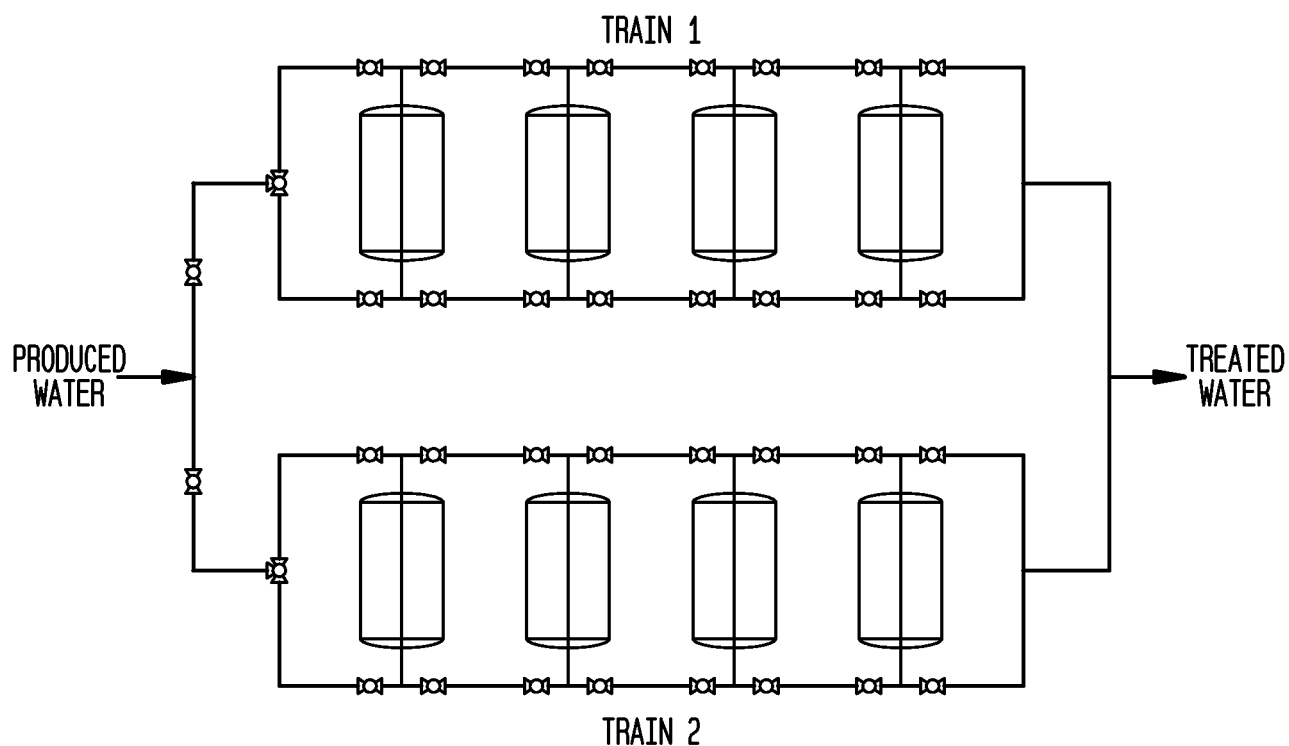
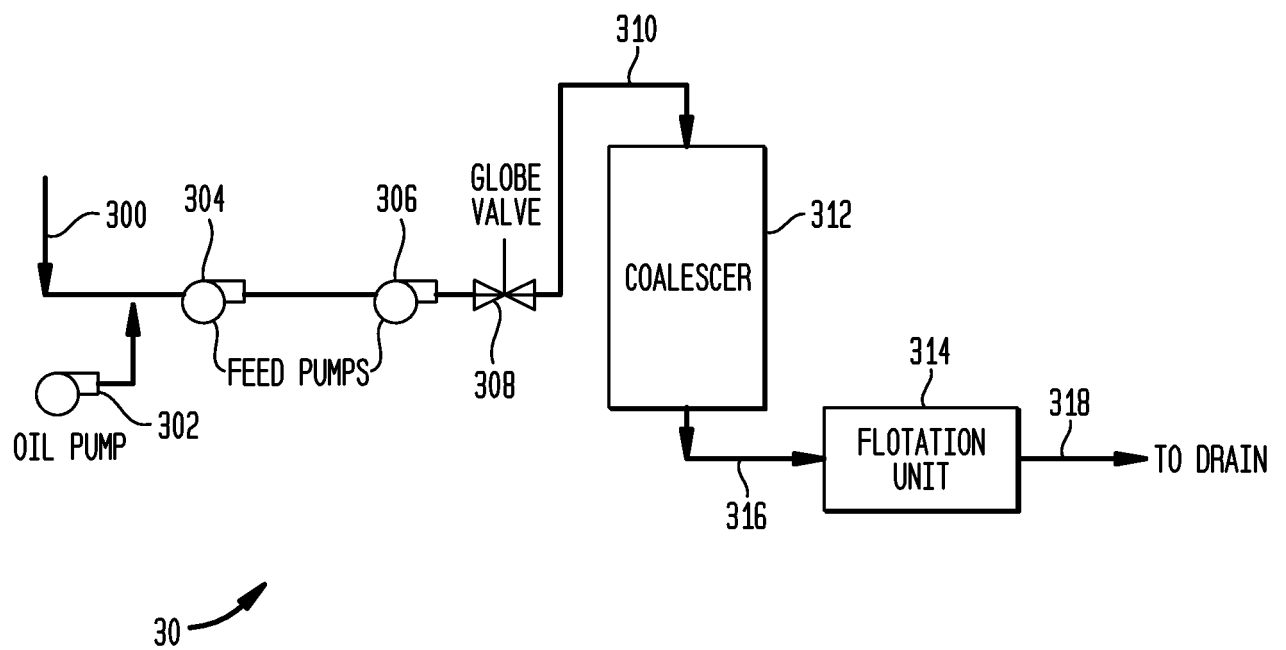
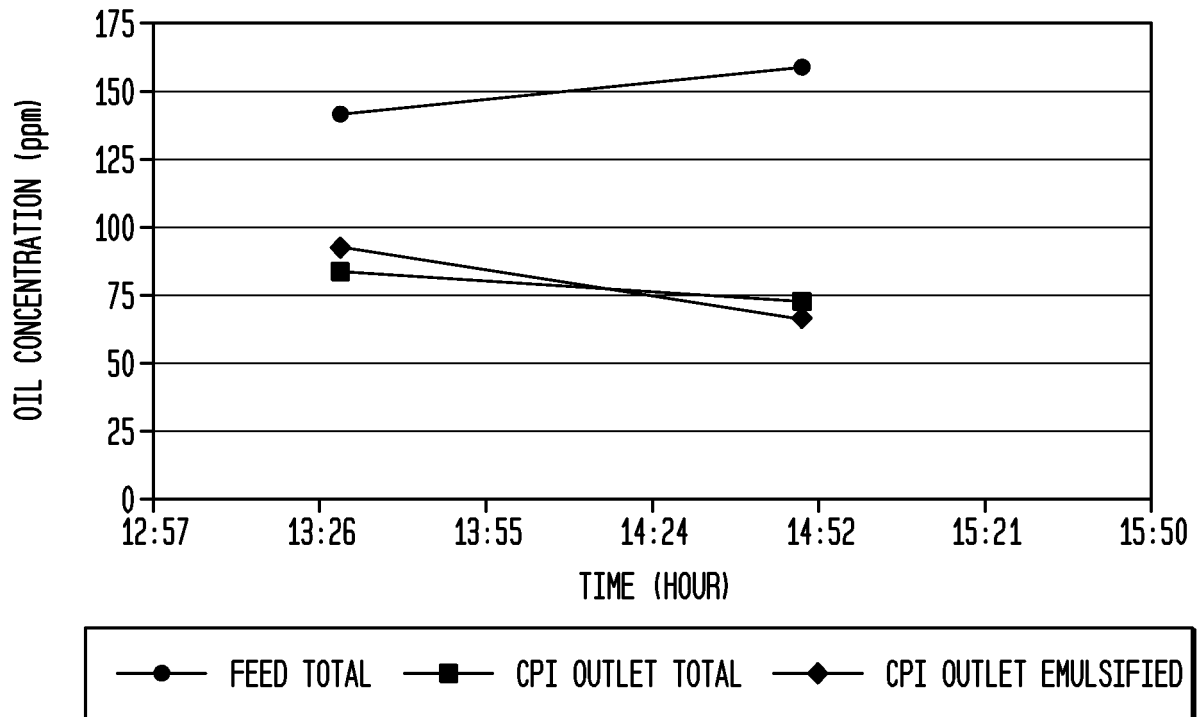
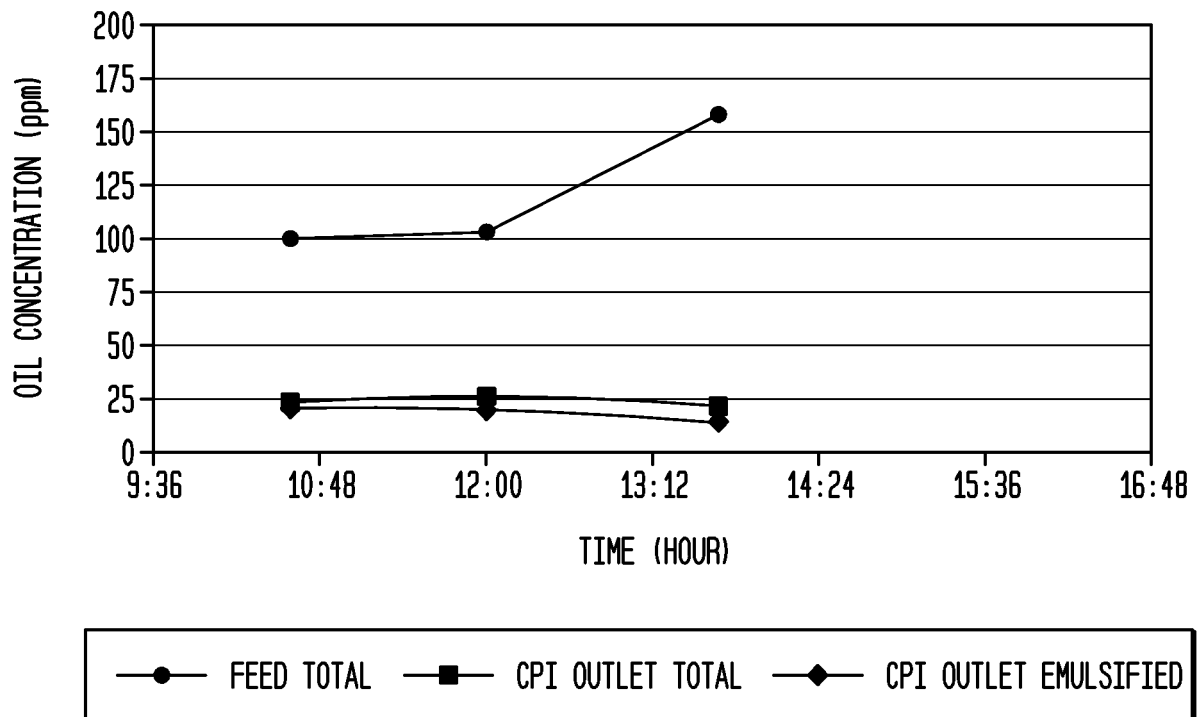
4/10
FIG. 7**FIG. 8**

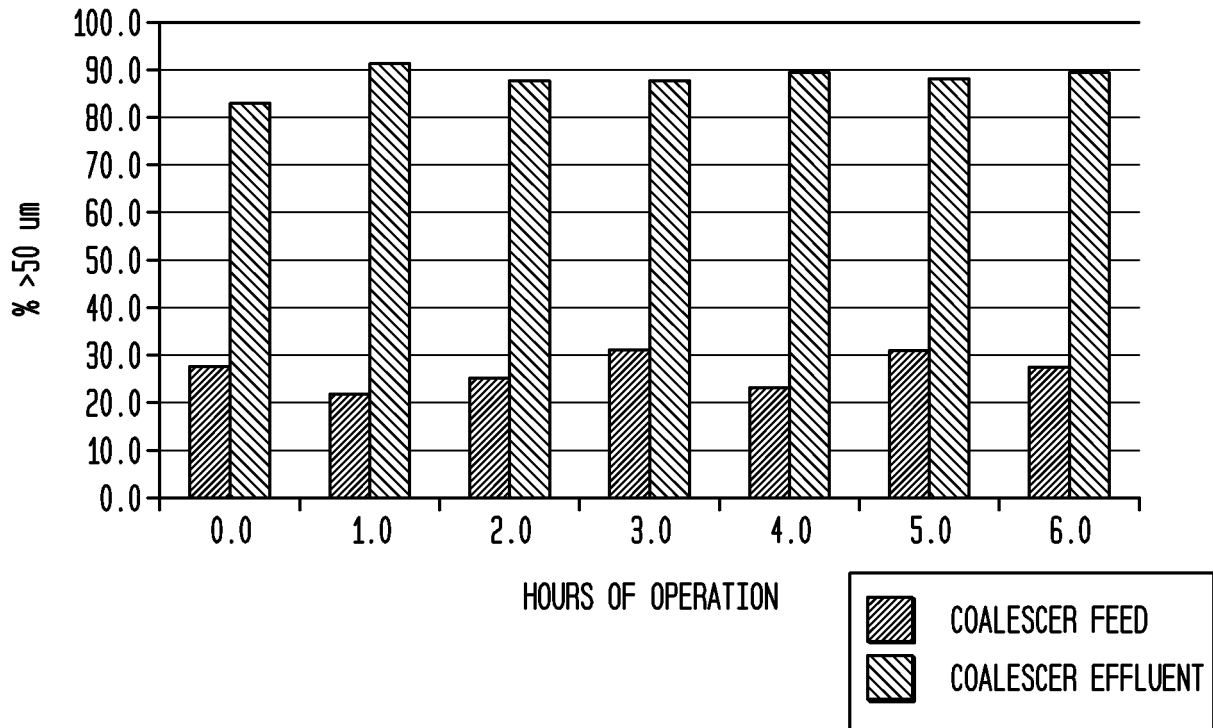
FIG. 9



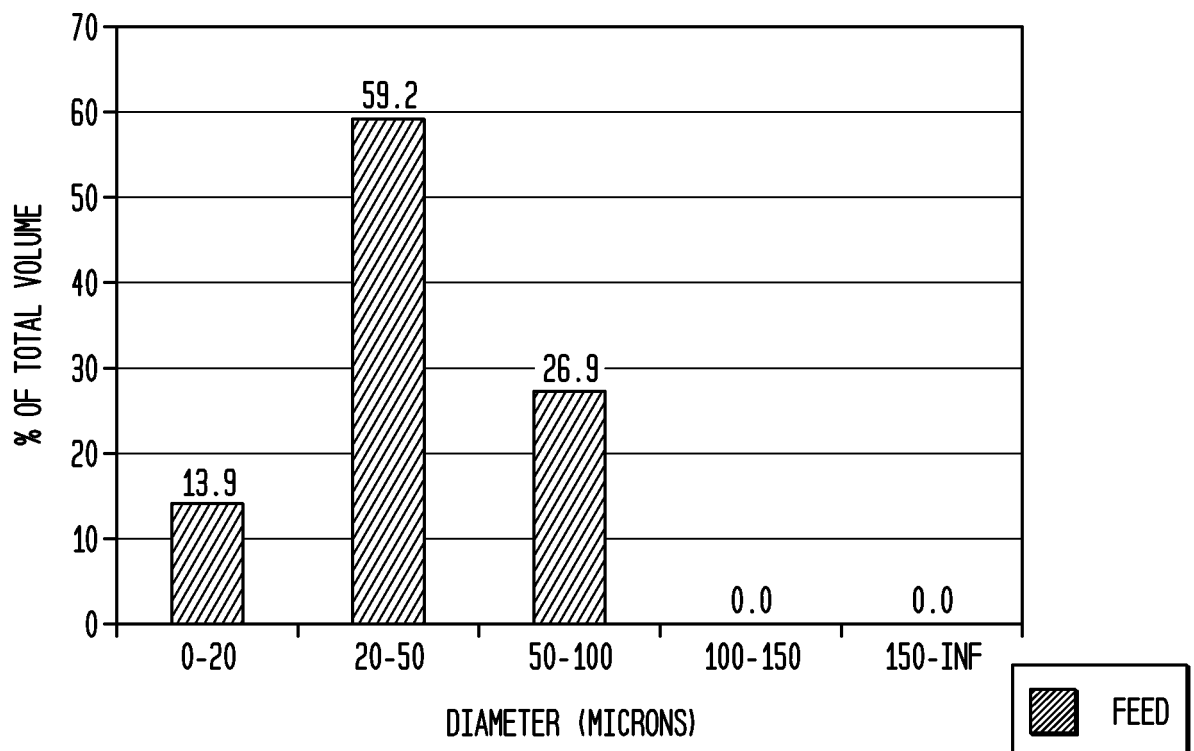
6/10

FIG. 10240 gpm/ft² NO MEDIA IN VESSEL**FIG. 11**215 gpm/ft² VESSEL FULL WITH MEDIA

7/10

FIG. 12OIL DROPLET SIZING
% >50 MICRON BY VOLUME**FIG. 13**

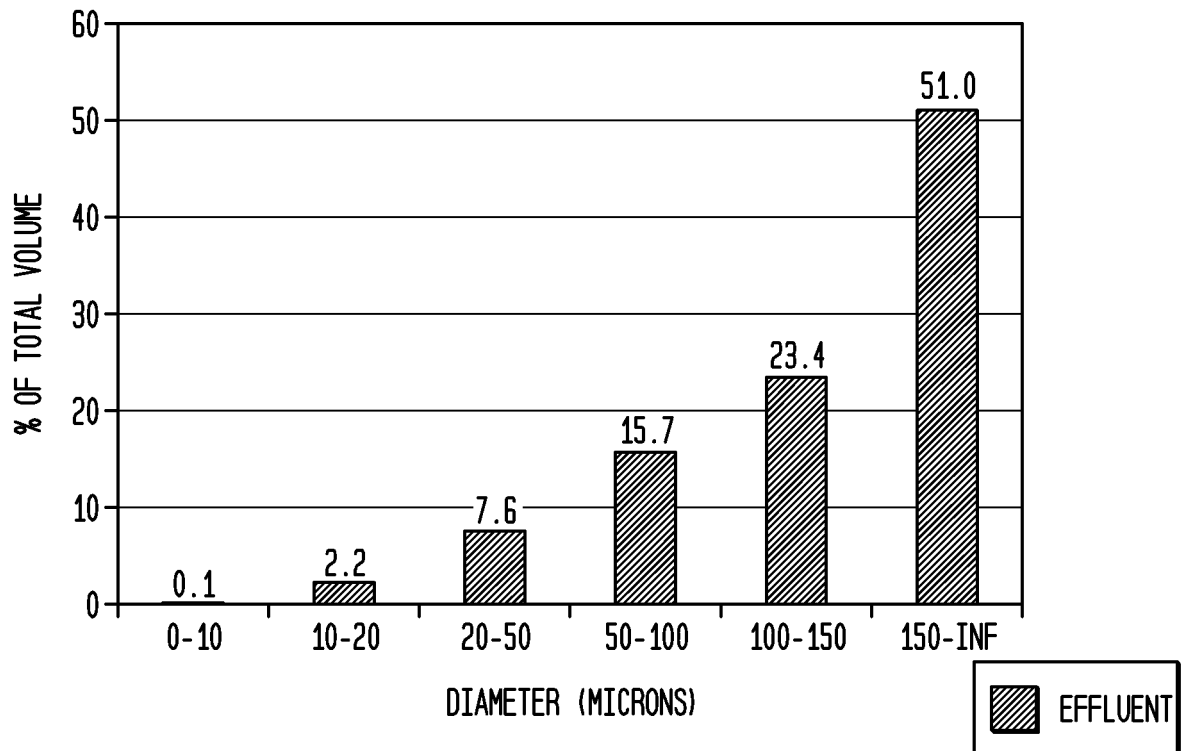
COALESCER FEED OIL DROPLET SIZING



8/10

FIG. 14

COALESCER EFFLUENT OIL DROPLET SIZING

**FIG. 15**

SYNTHETIC MEDIA- 30% PINE, 70% POLYPROPYLENE
20 gpm/ft² FLUX
200 ppm FEED OIL CONCENTRATION

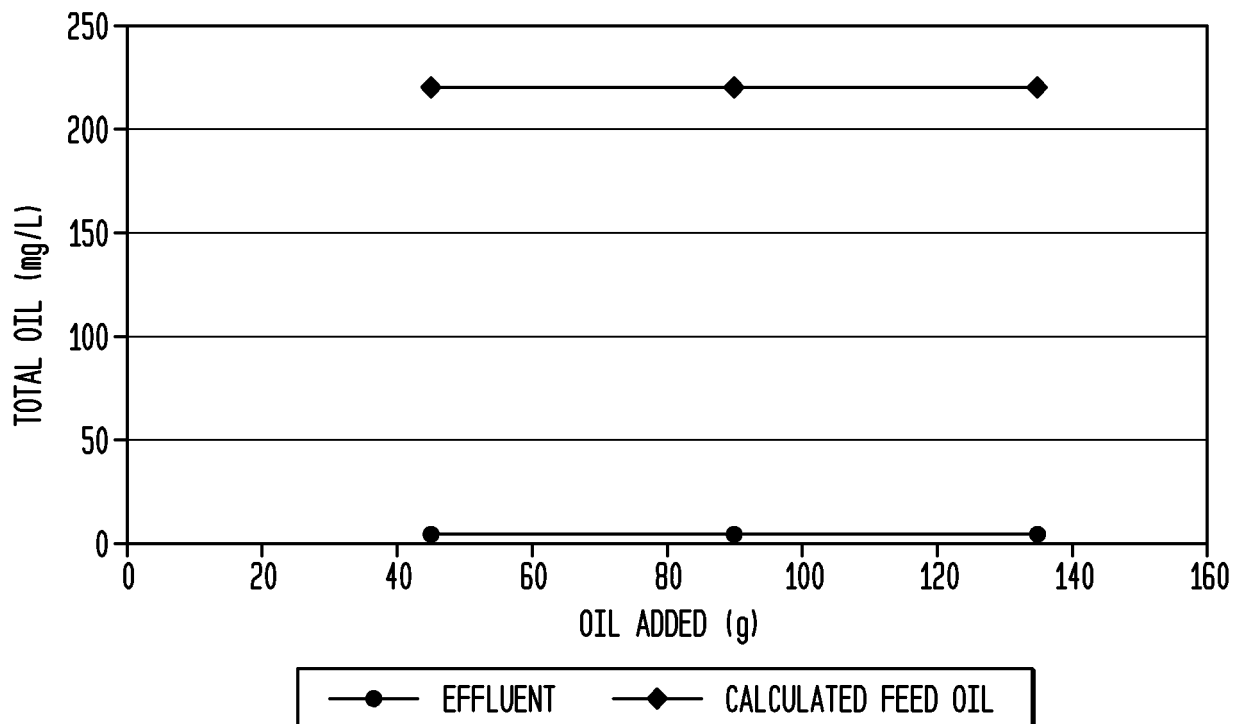


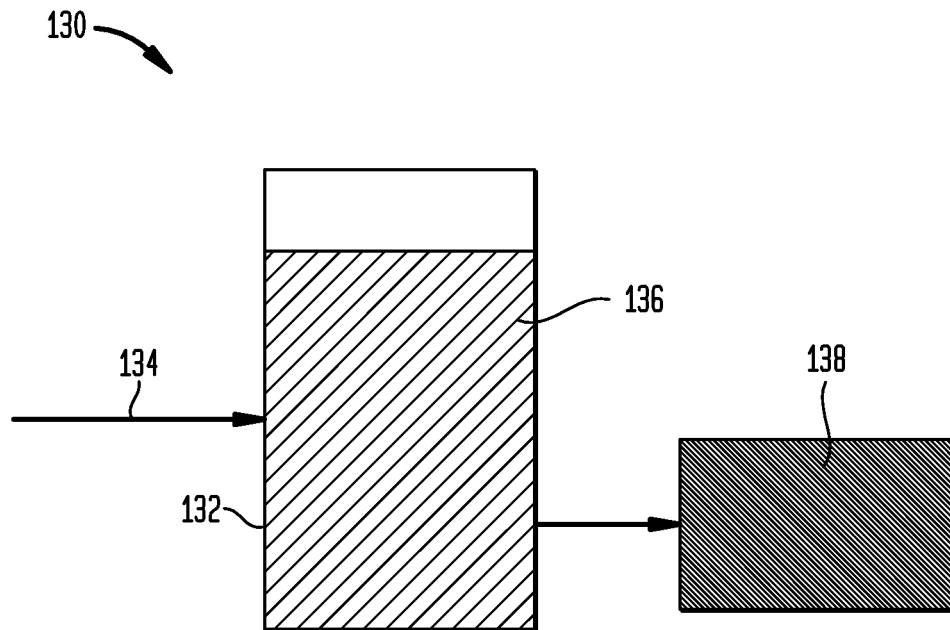
FIG. 16

FIG. 17
LOADING CAPACITY OF COMPOSITE MEDIA VS. WALNUT SHELLS

