

FIG. 1

Solution of
lanthanum chloride



20
EVAPORATION



30
CALCINATION



40
WASHING



Calcined
lanthanum
oxychloride
product

FIG. 2

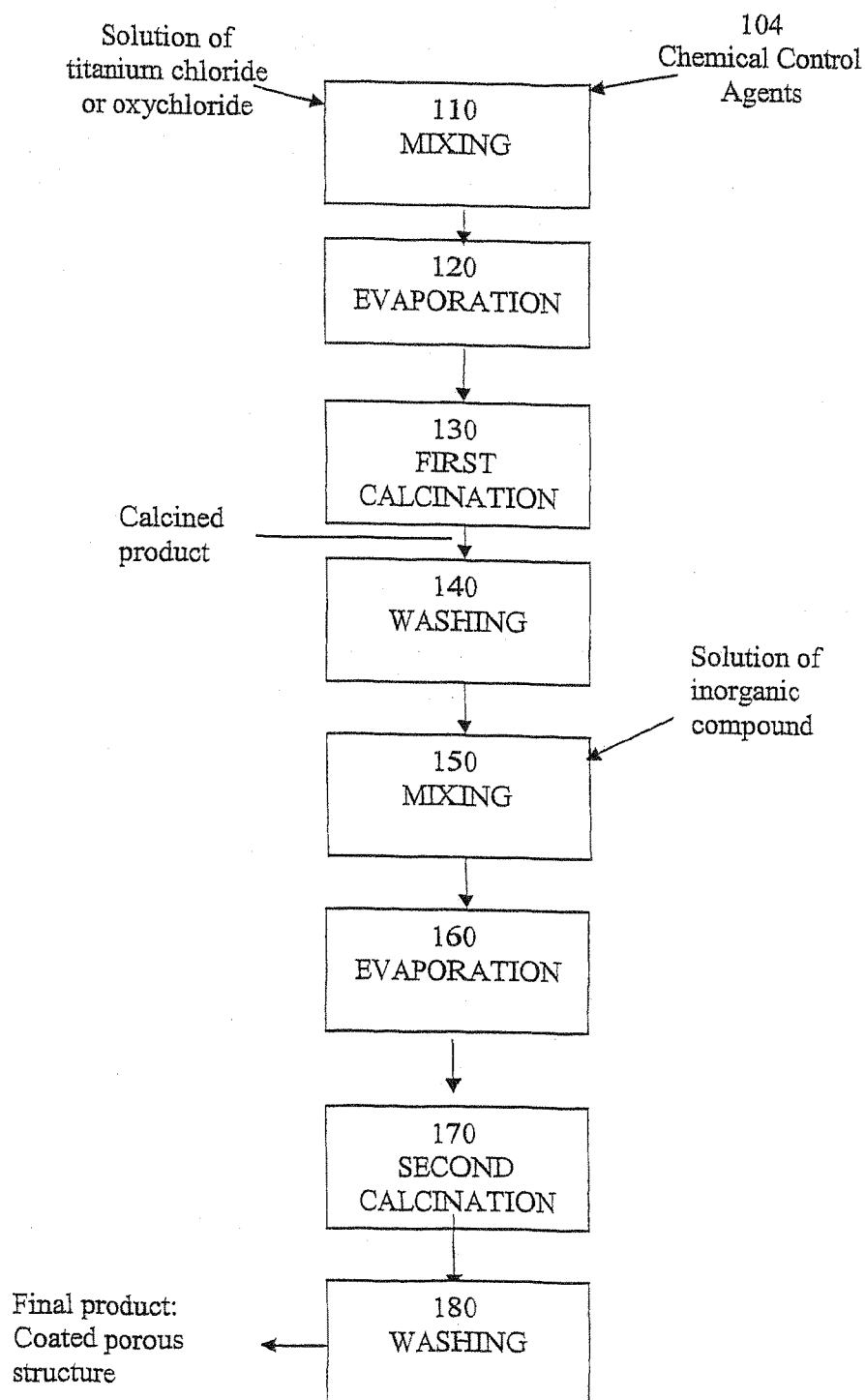


FIG. 3

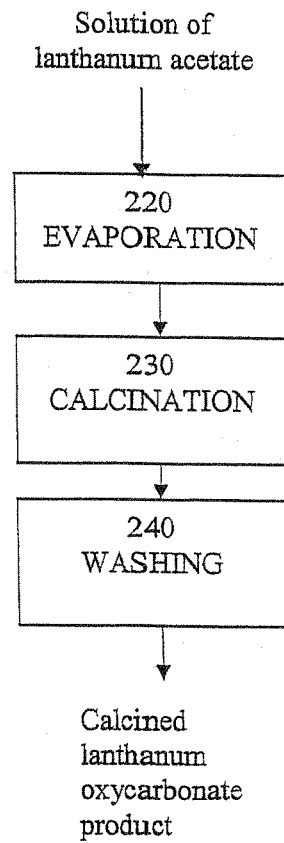


FIG. 4

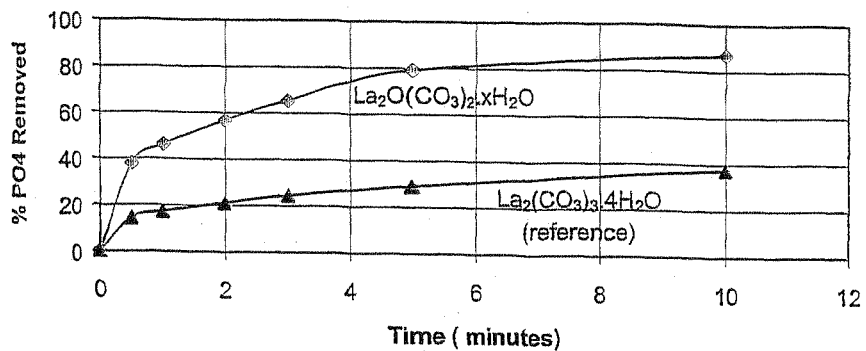


FIG. 5

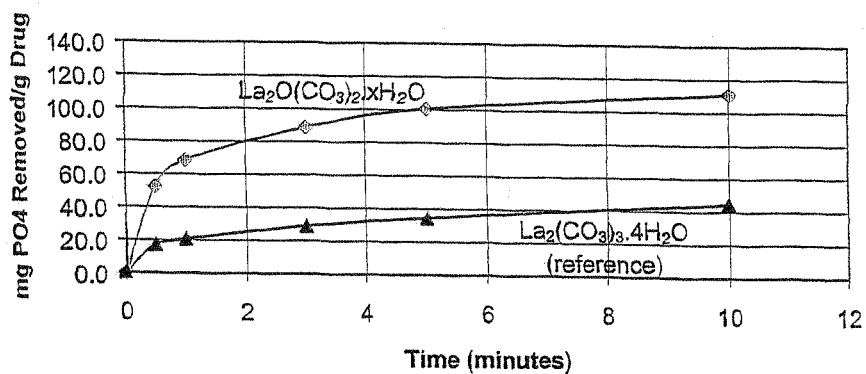


FIG. 6

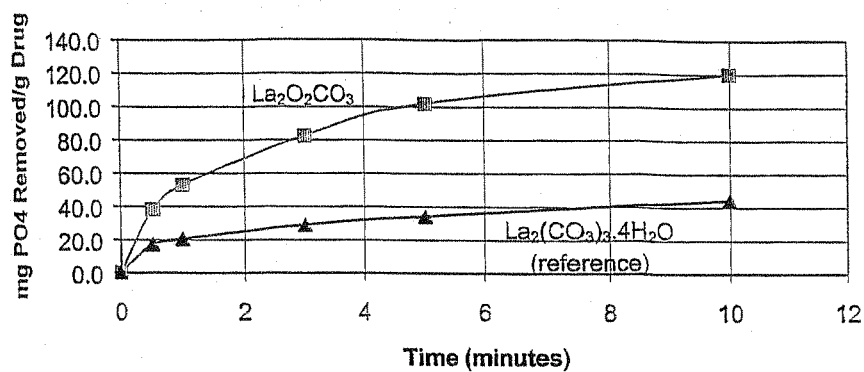


FIG. 7

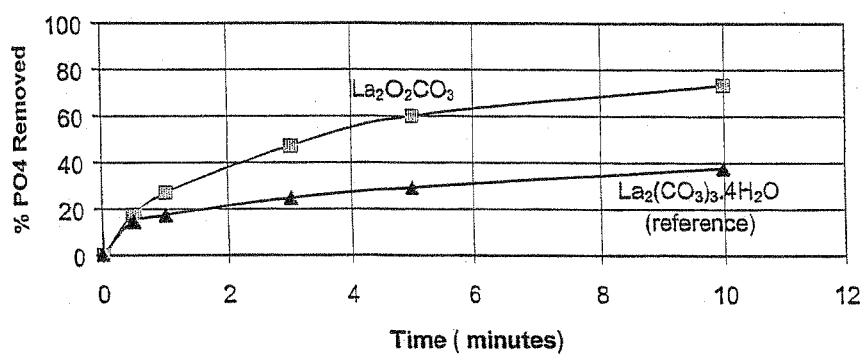


FIG. 8

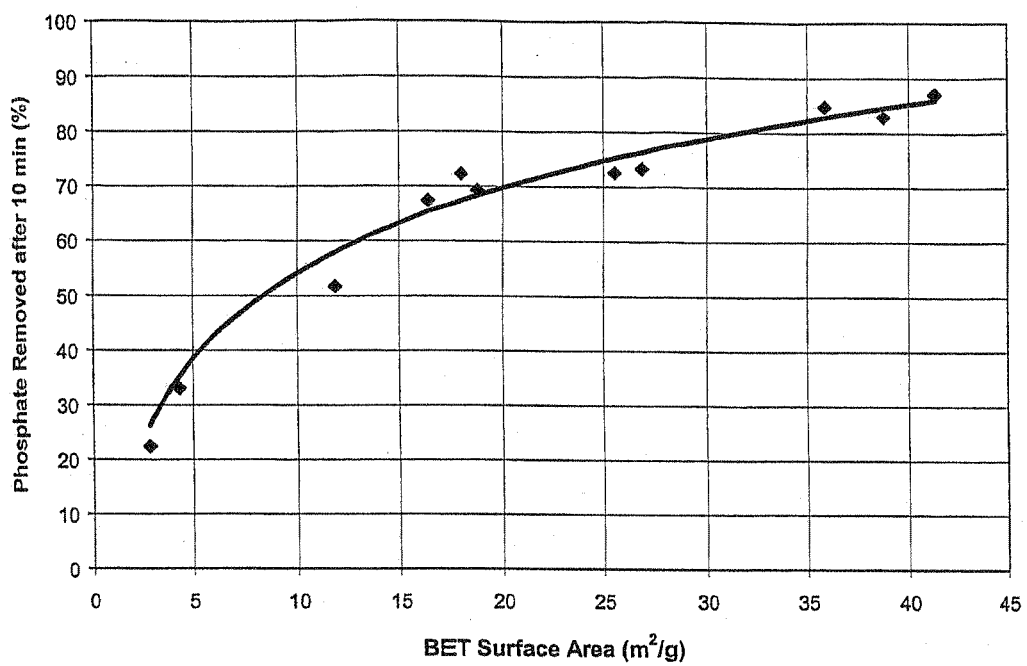


FIG. 9

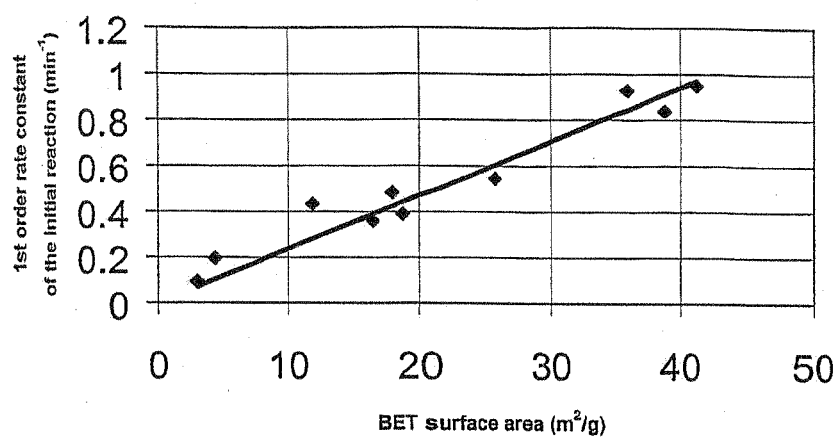
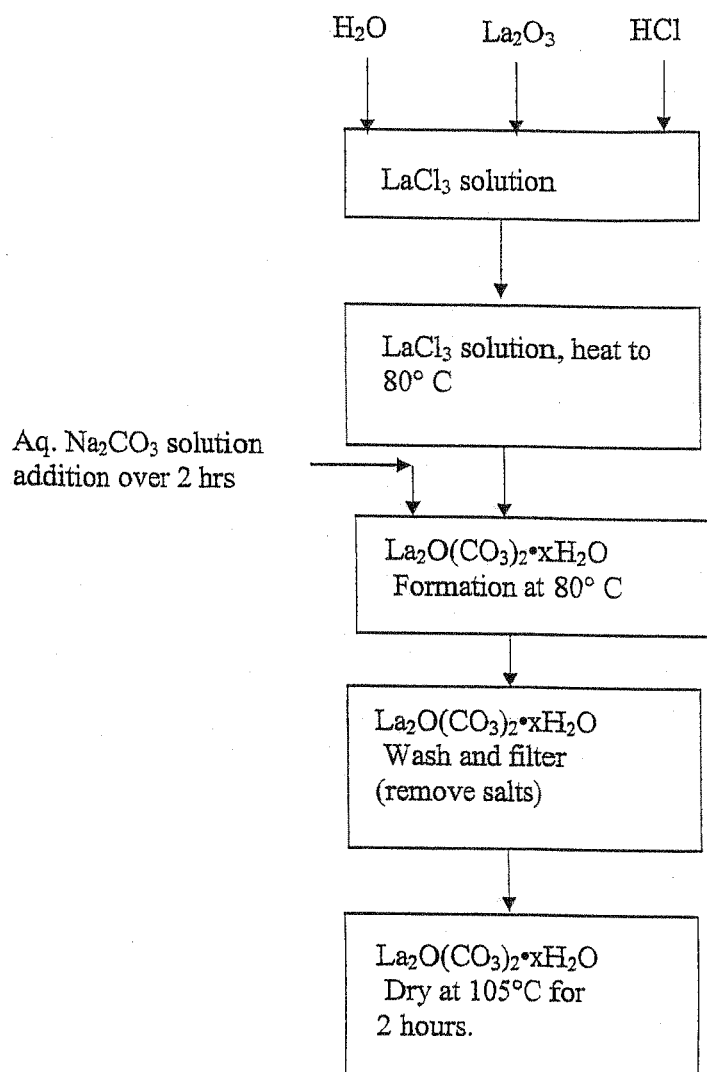


FIG. 10



x, the number of water molecules in the compound, is larger or equal to 2 and smaller or equal to 4.

FIG. 11

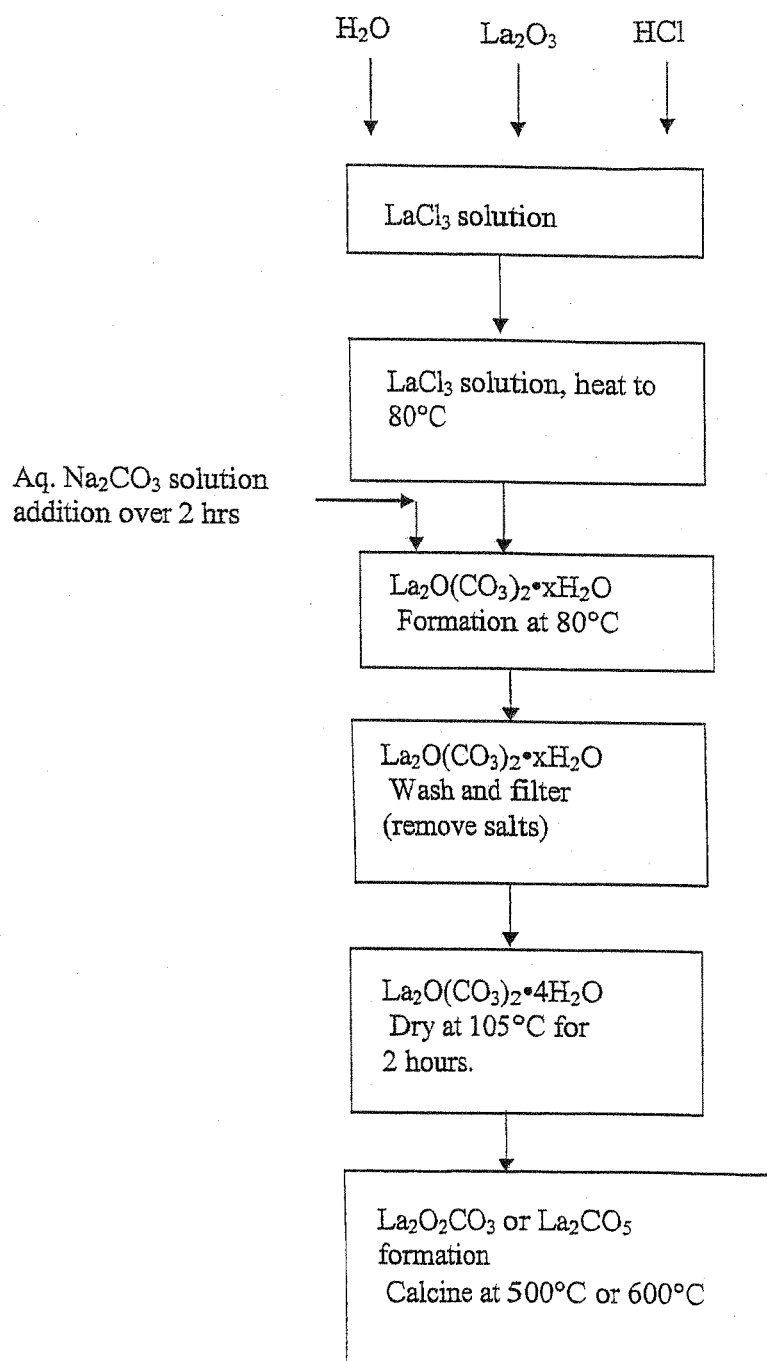


FIG. 12

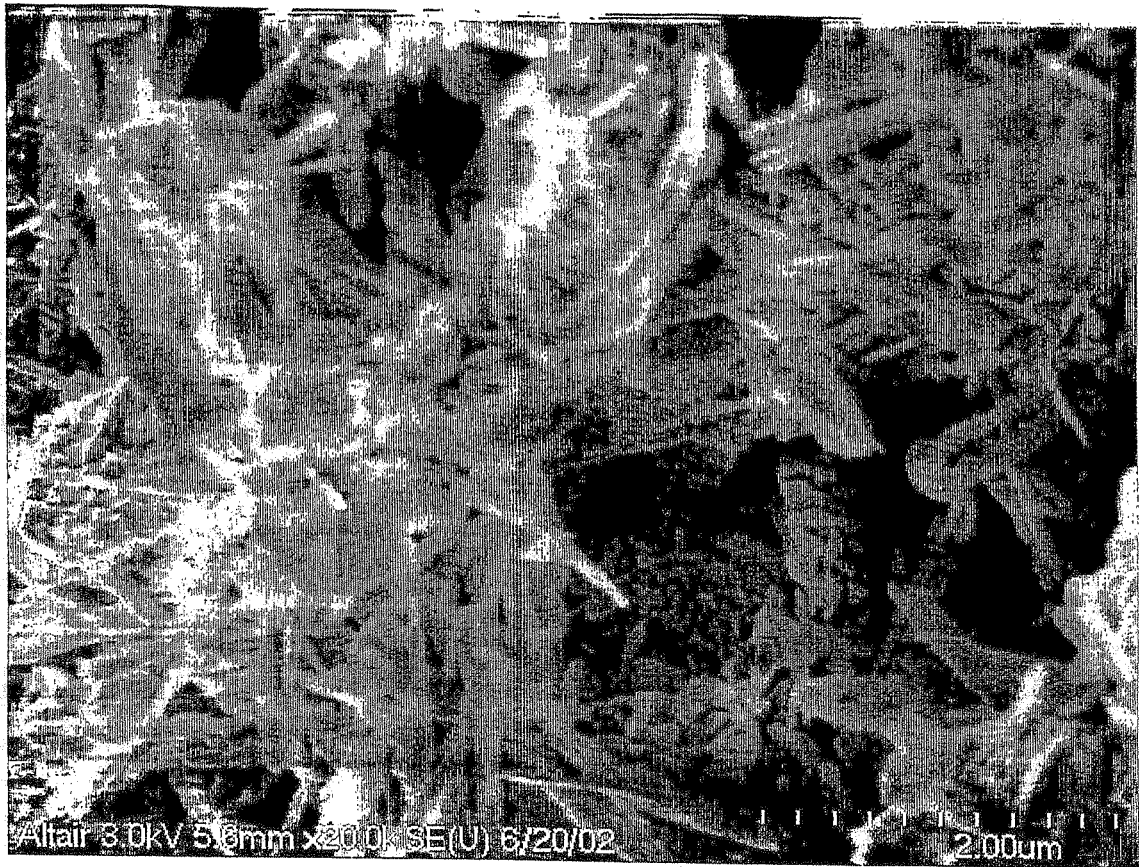


FIG. 13

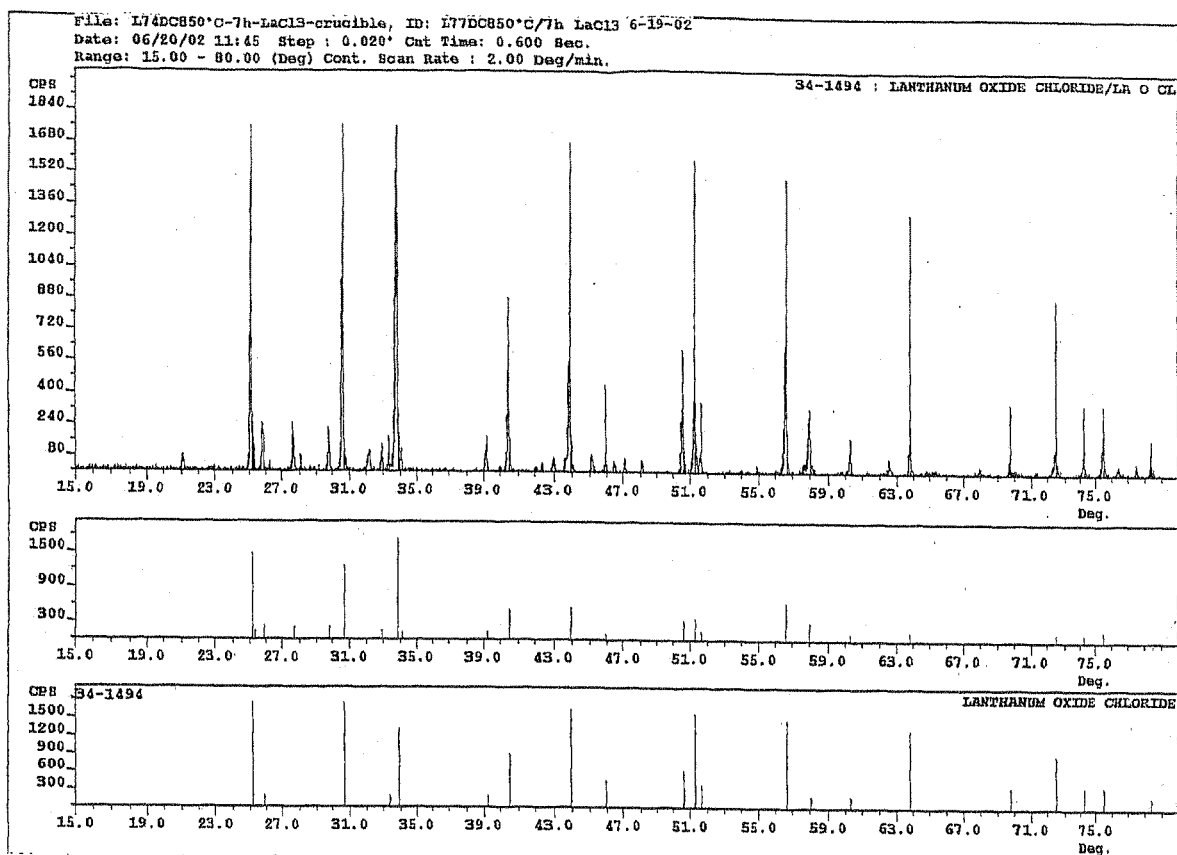


FIG. 14

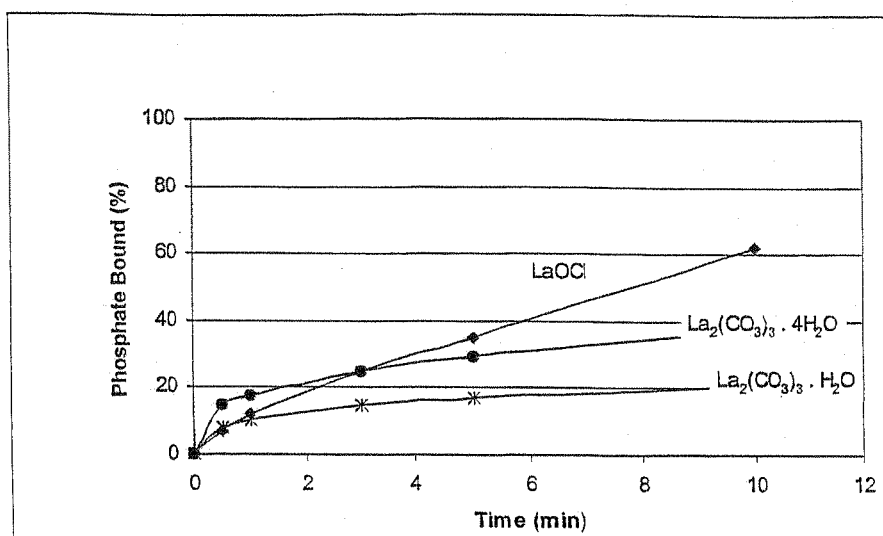


FIG. 15

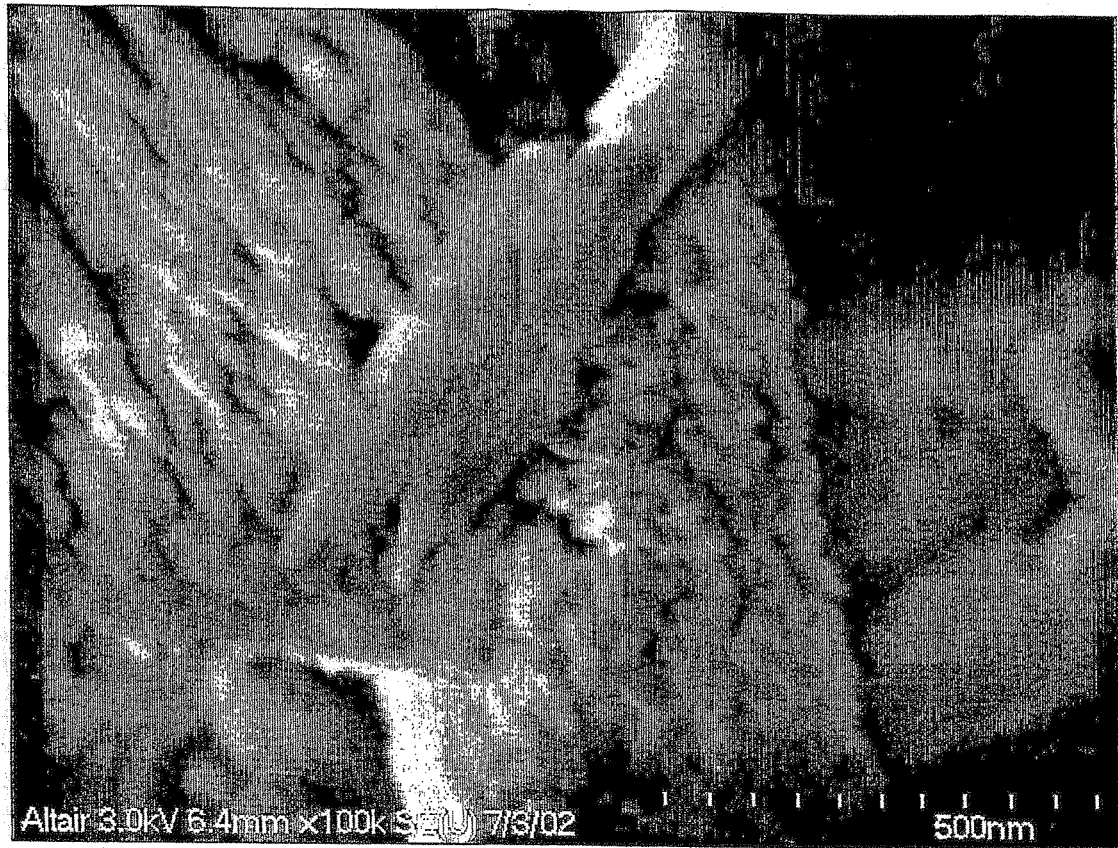


FIG. 16

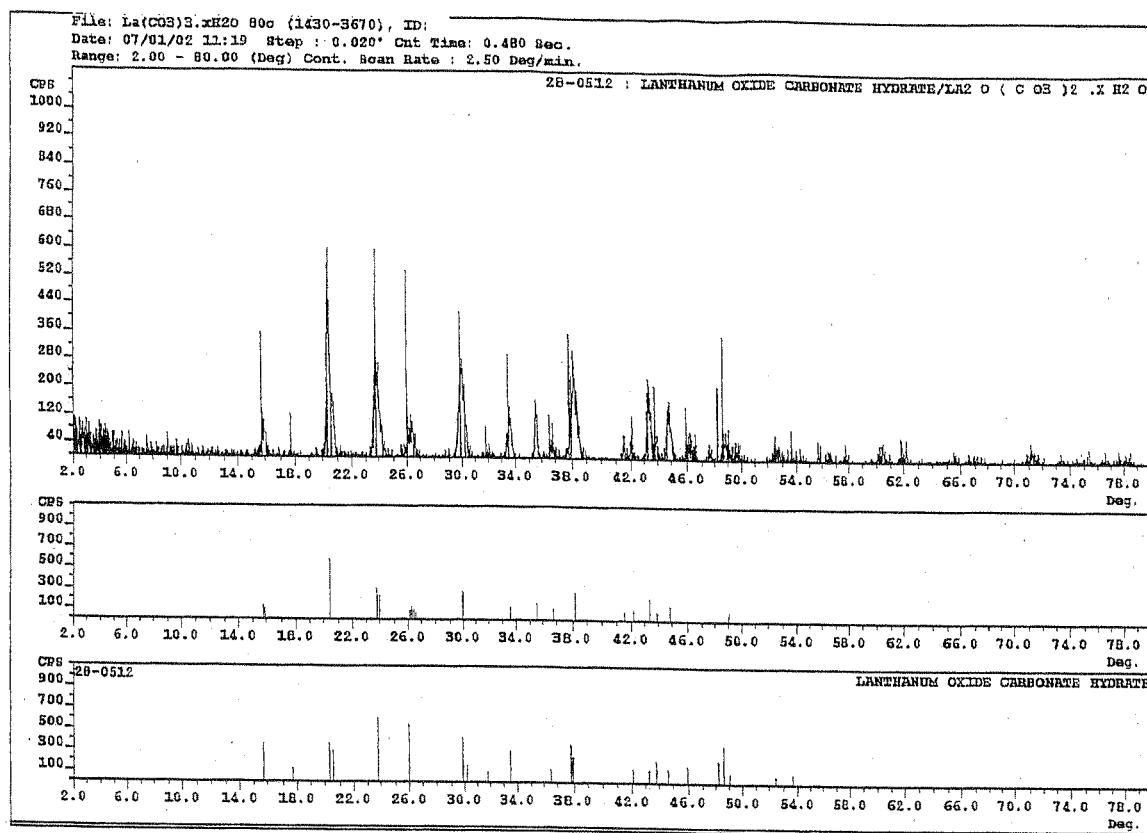


FIG. 17

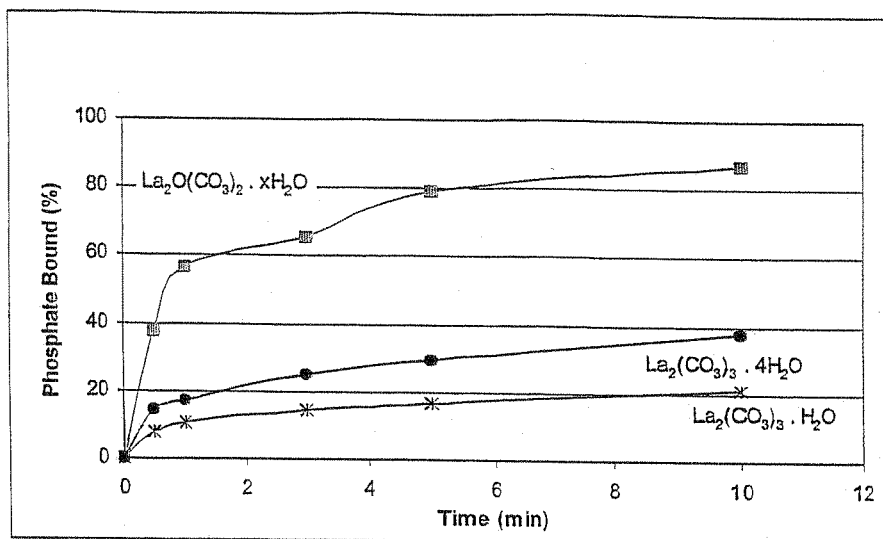


FIG. 18

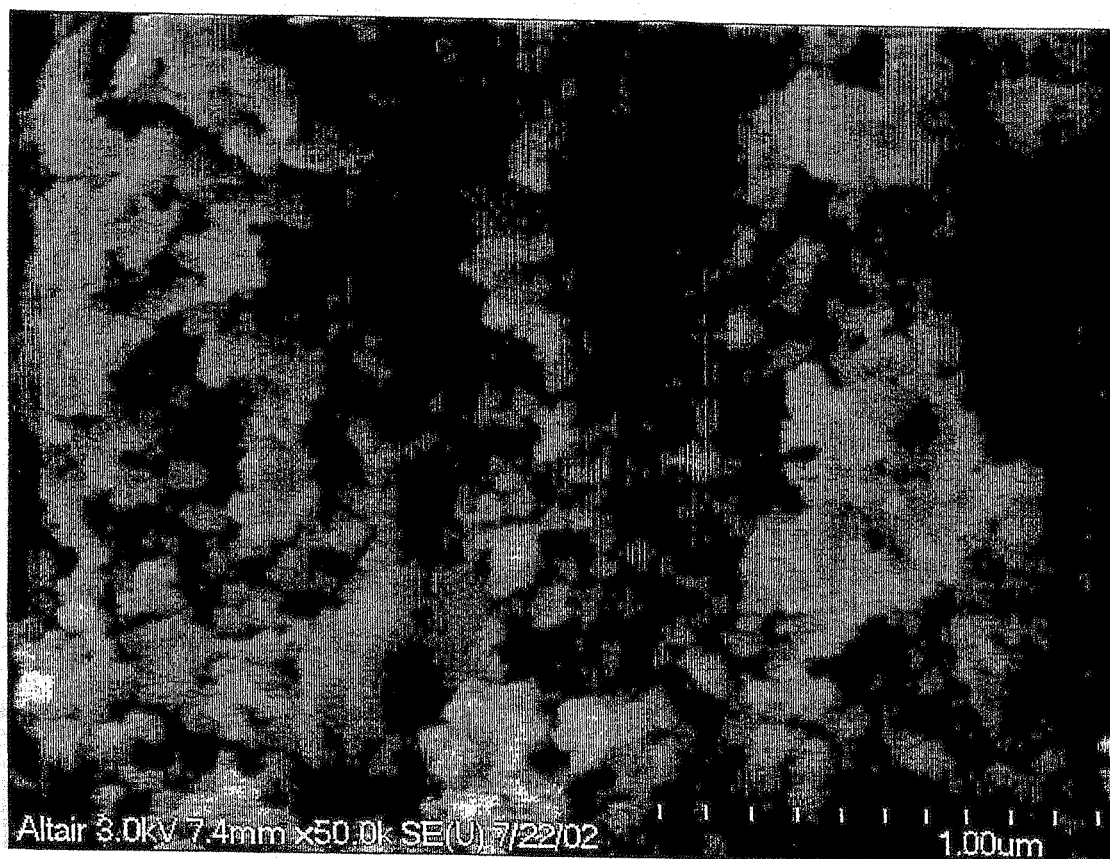


FIG. 19

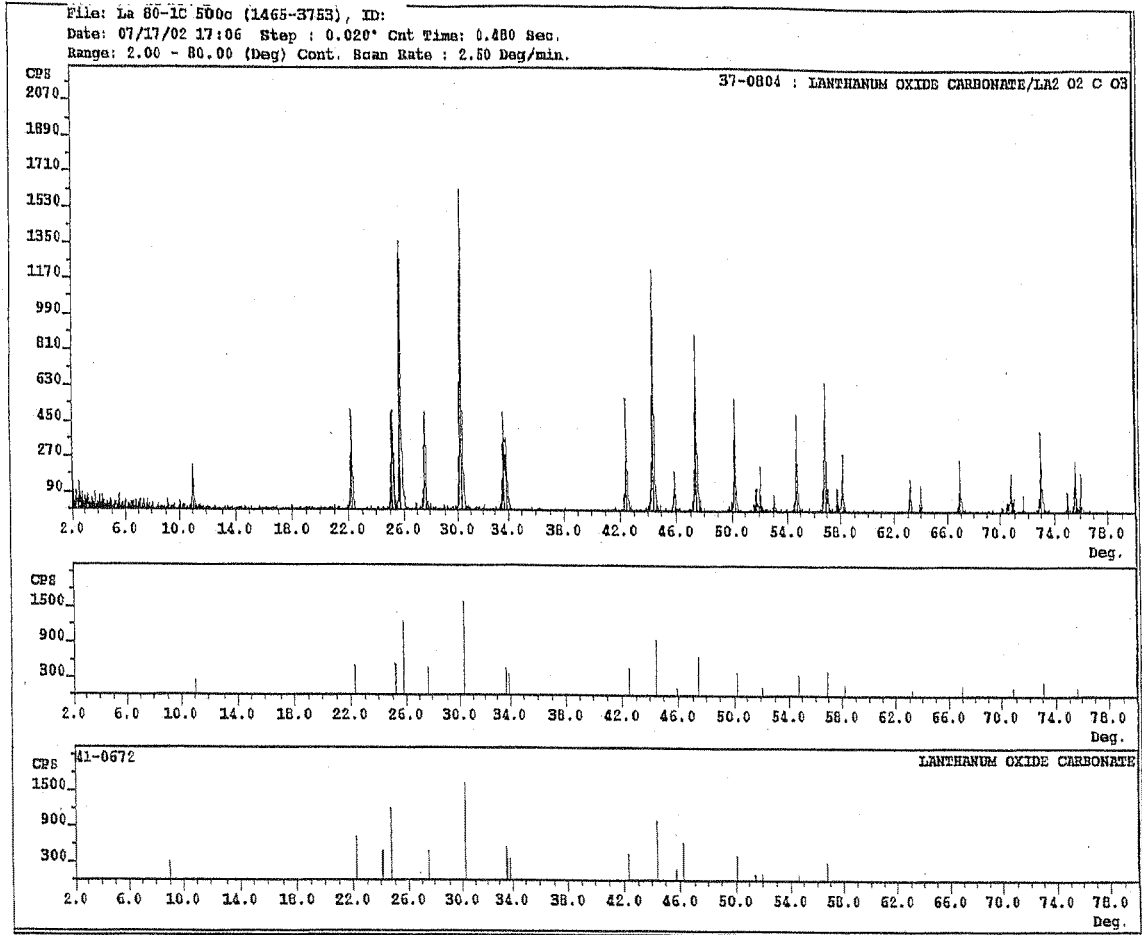


FIG. 20

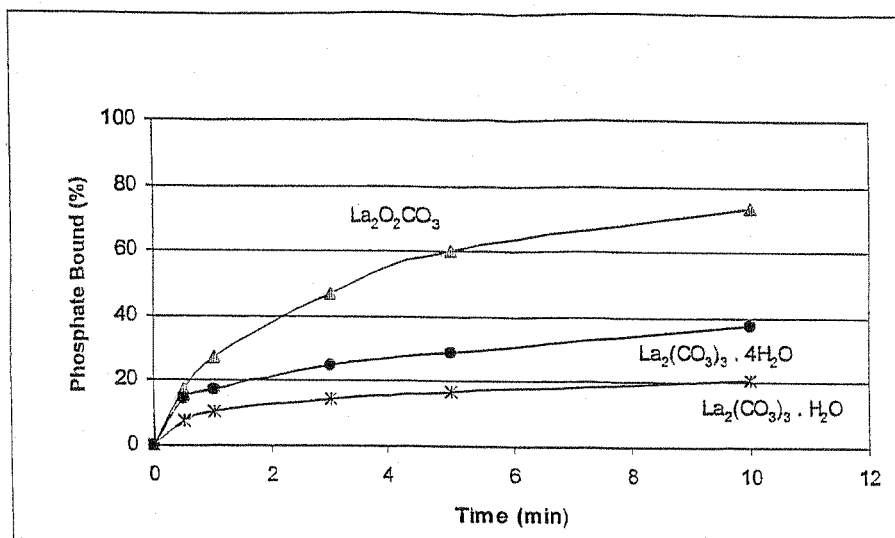


FIG. 21



FIG. 22

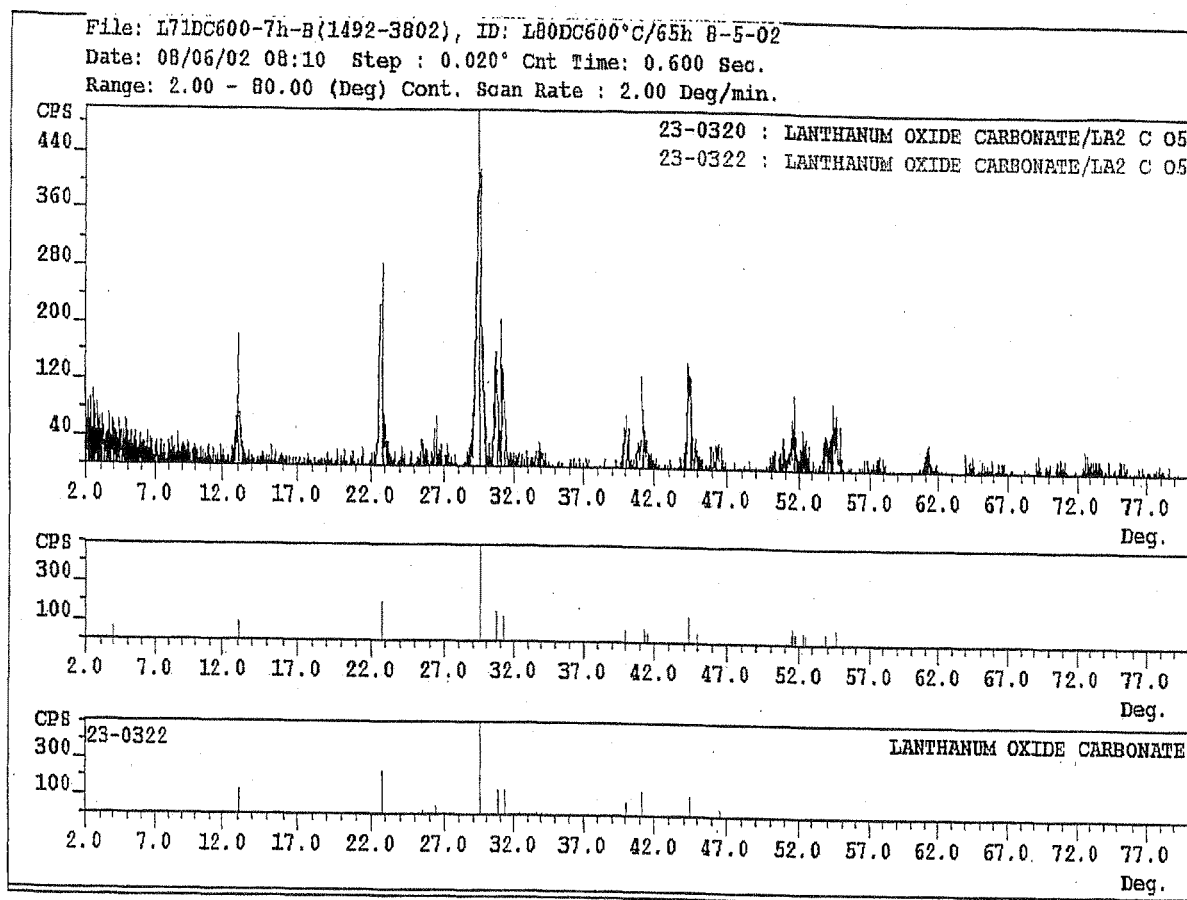


FIG. 23

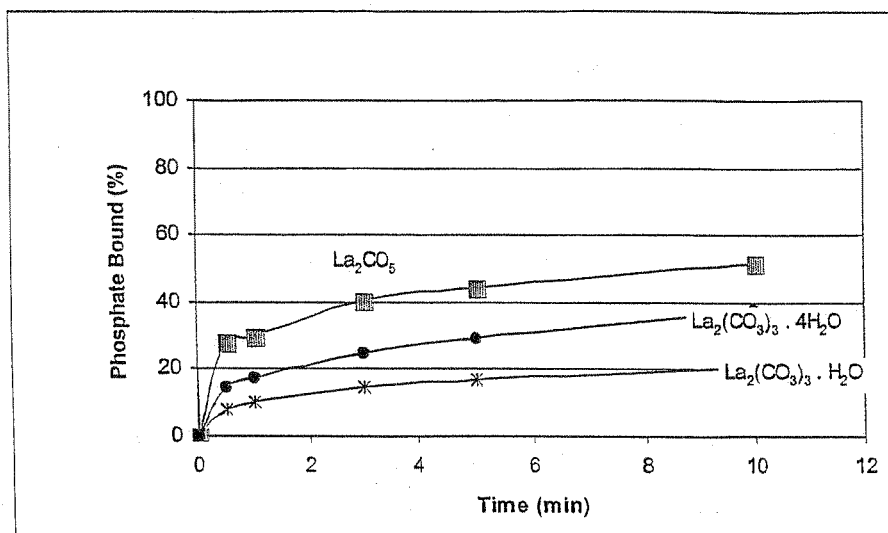
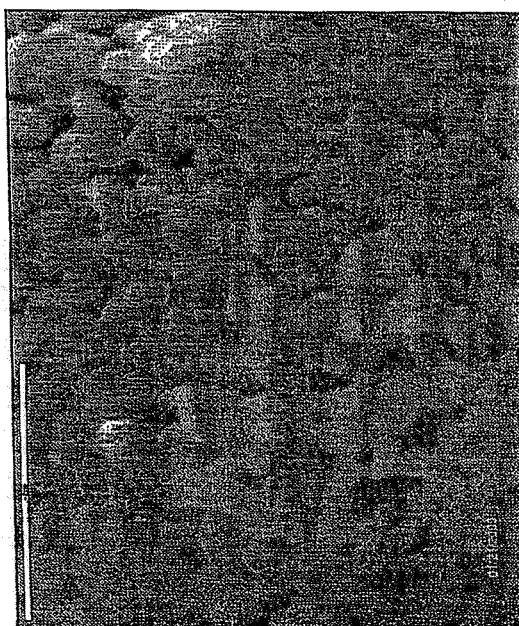


FIG. 24



length of scale bar = 2 micron

FIG. 25

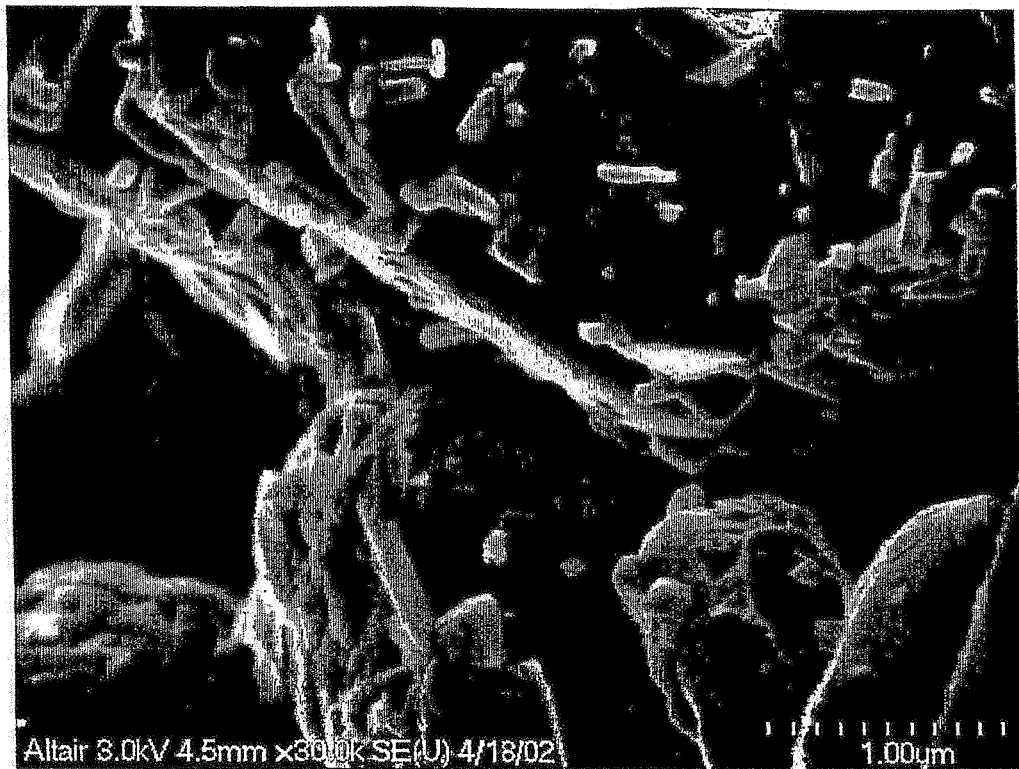


FIG 28

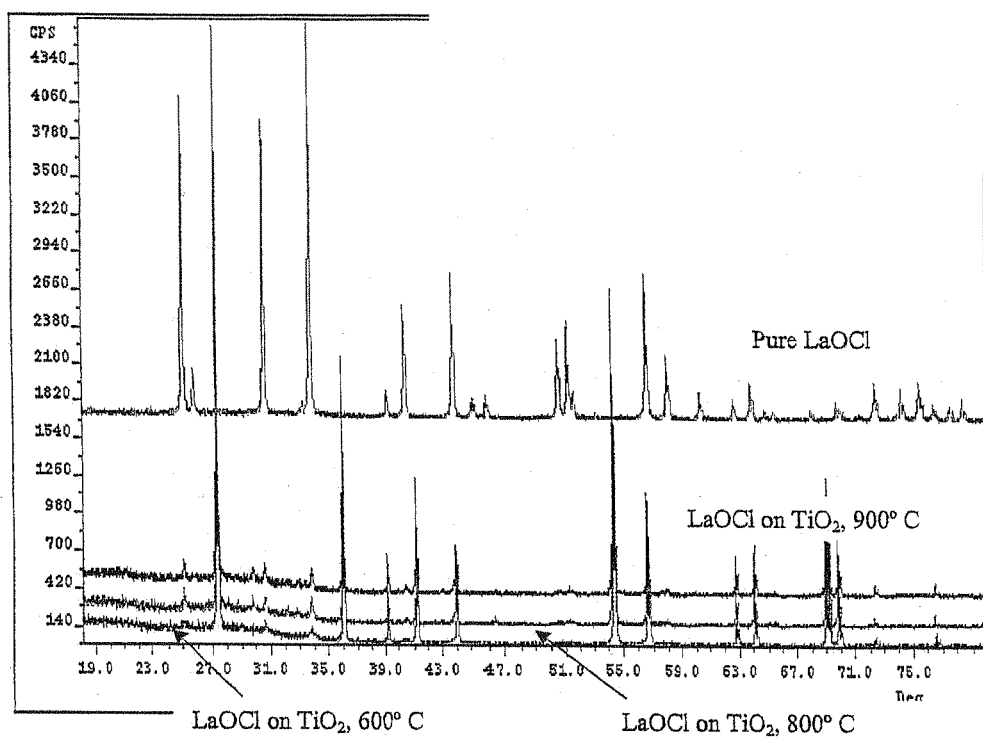


FIG. 29

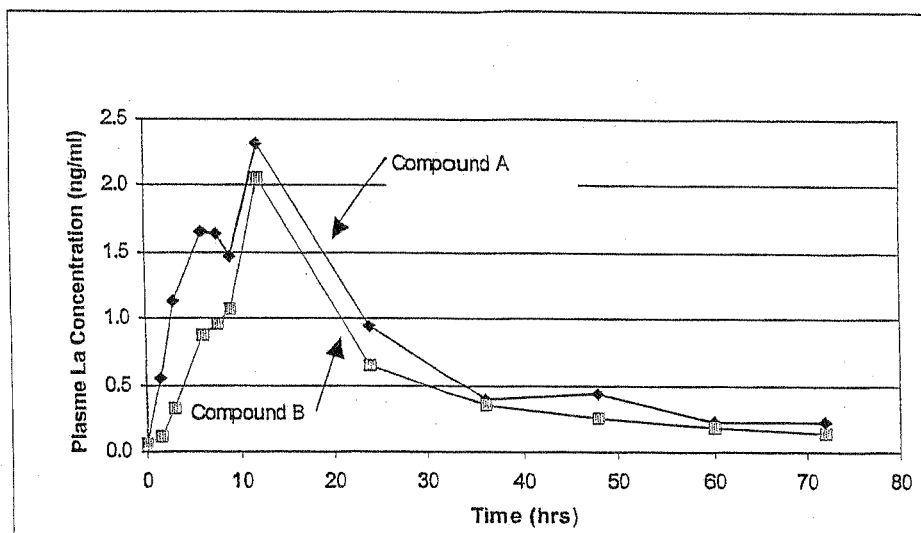


FIG. 30

