

FIG. 1

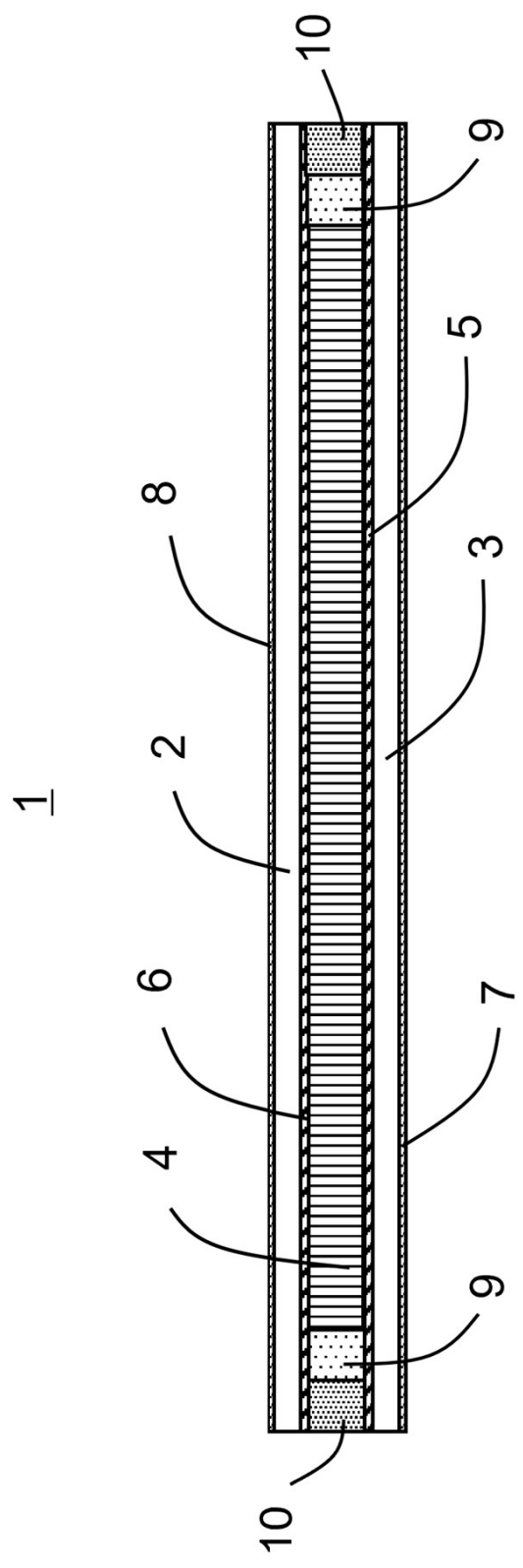
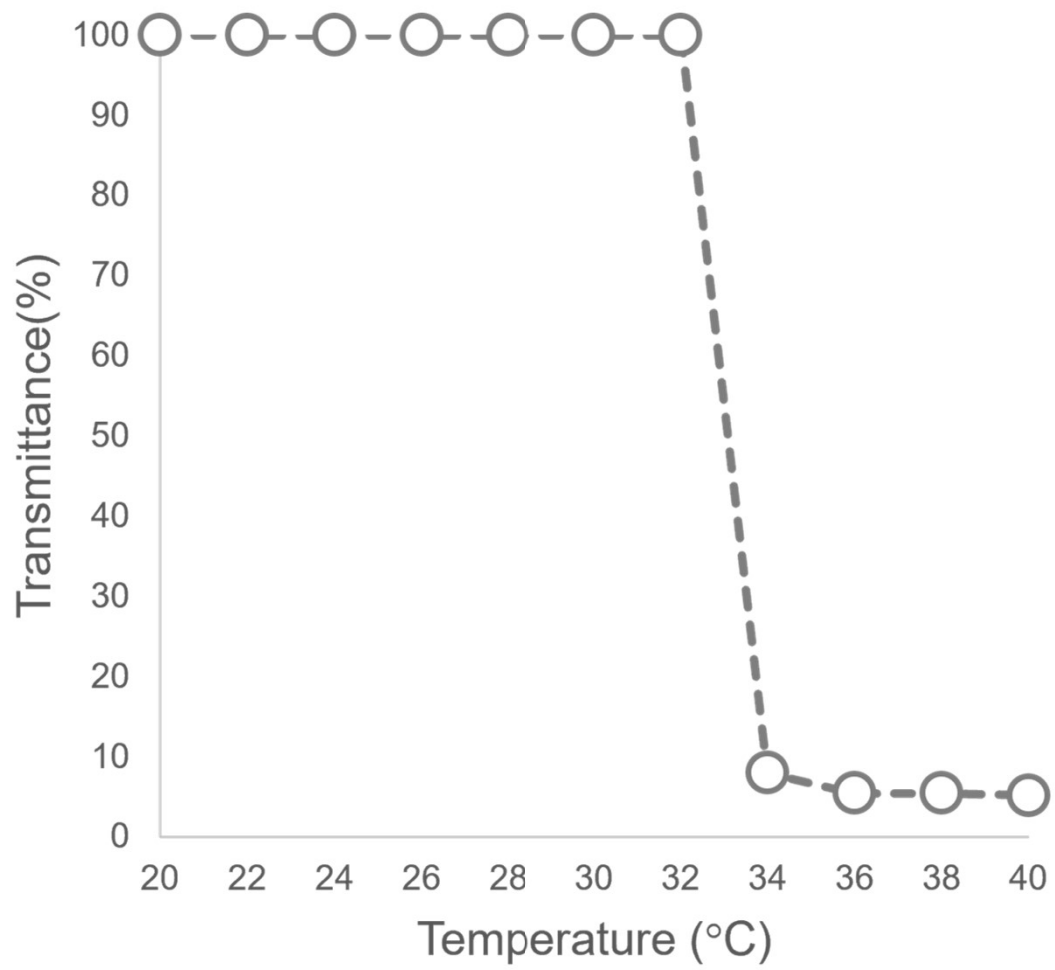
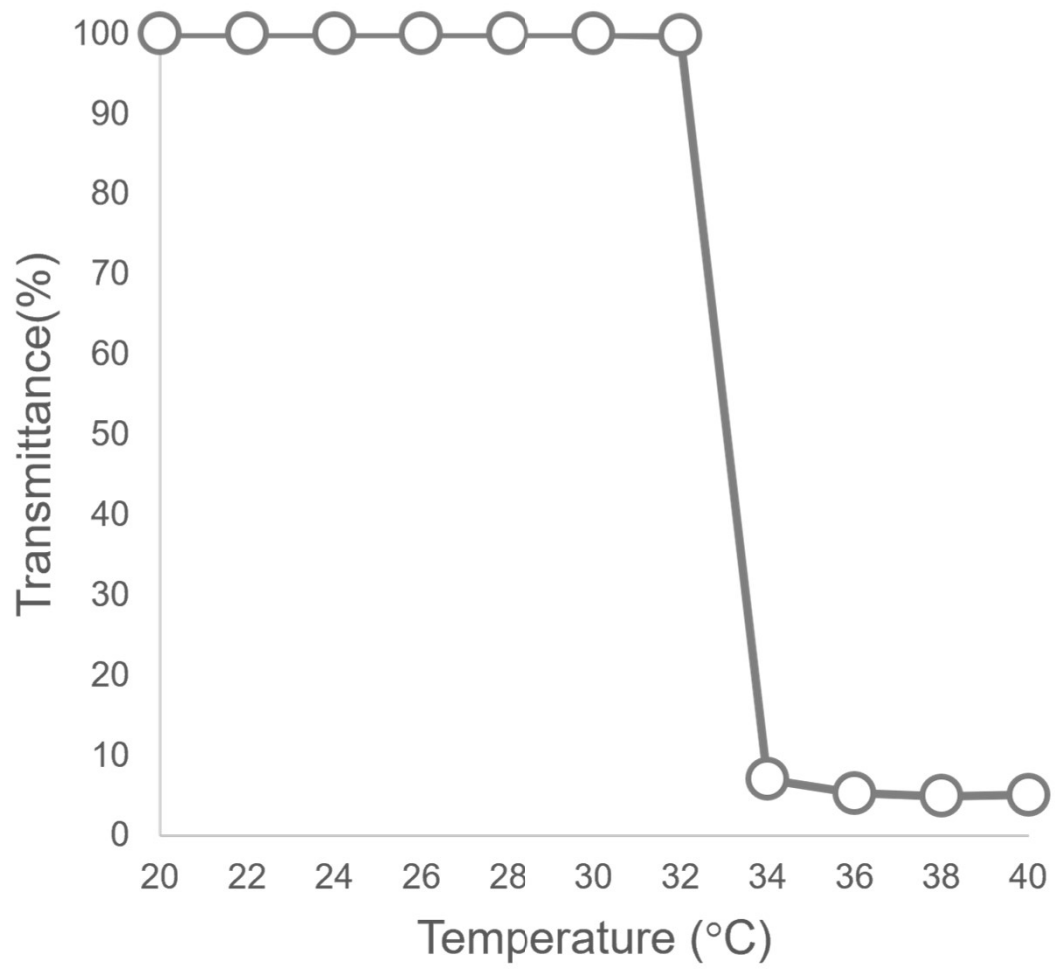


FIG. 2A



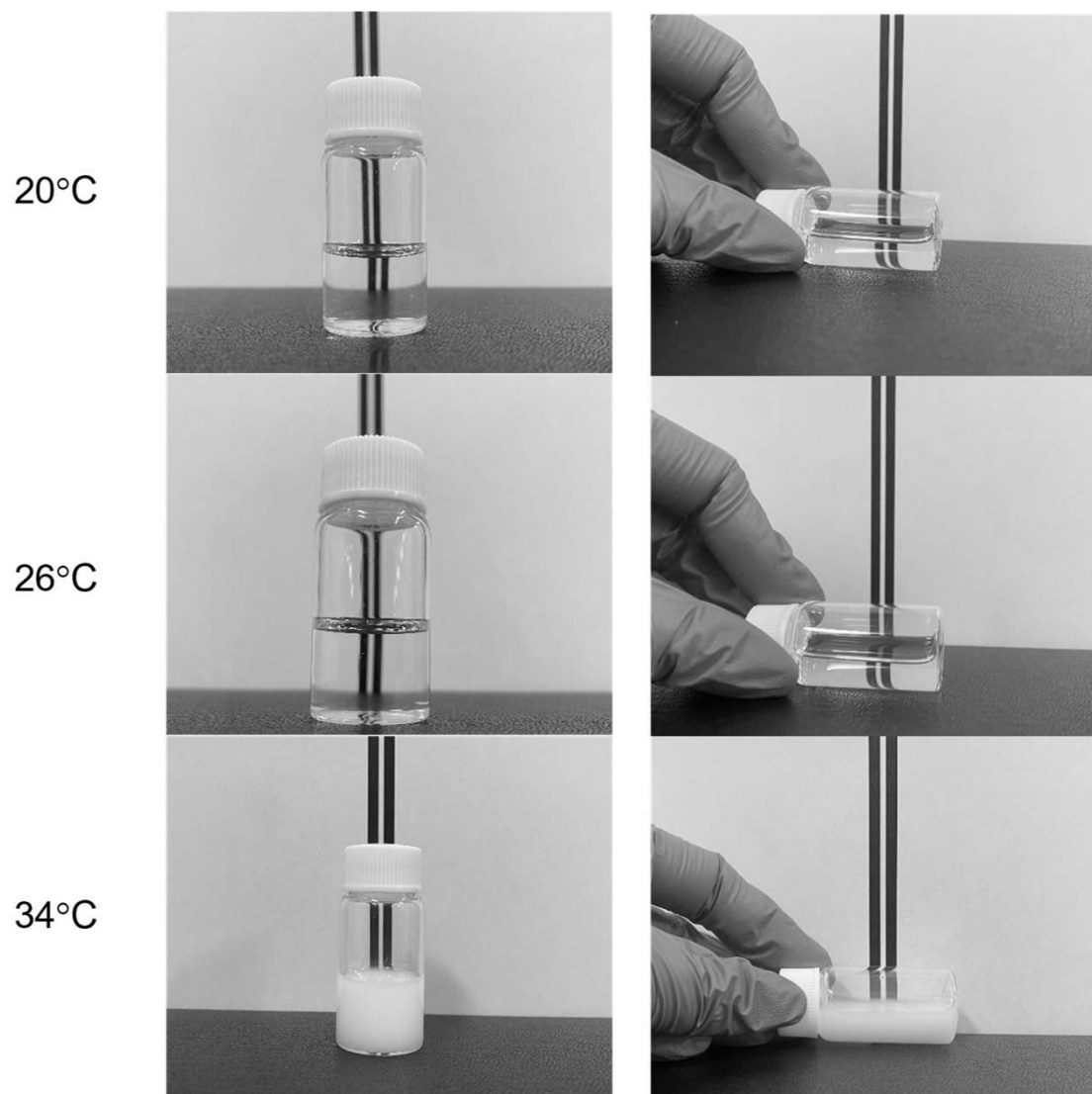
1wt% PNIPAM

FIG. 2B



1wt% PNIPAM + 10wt% TGP

FIG. 3A



1wt% PNIPAM

FIG. 3B

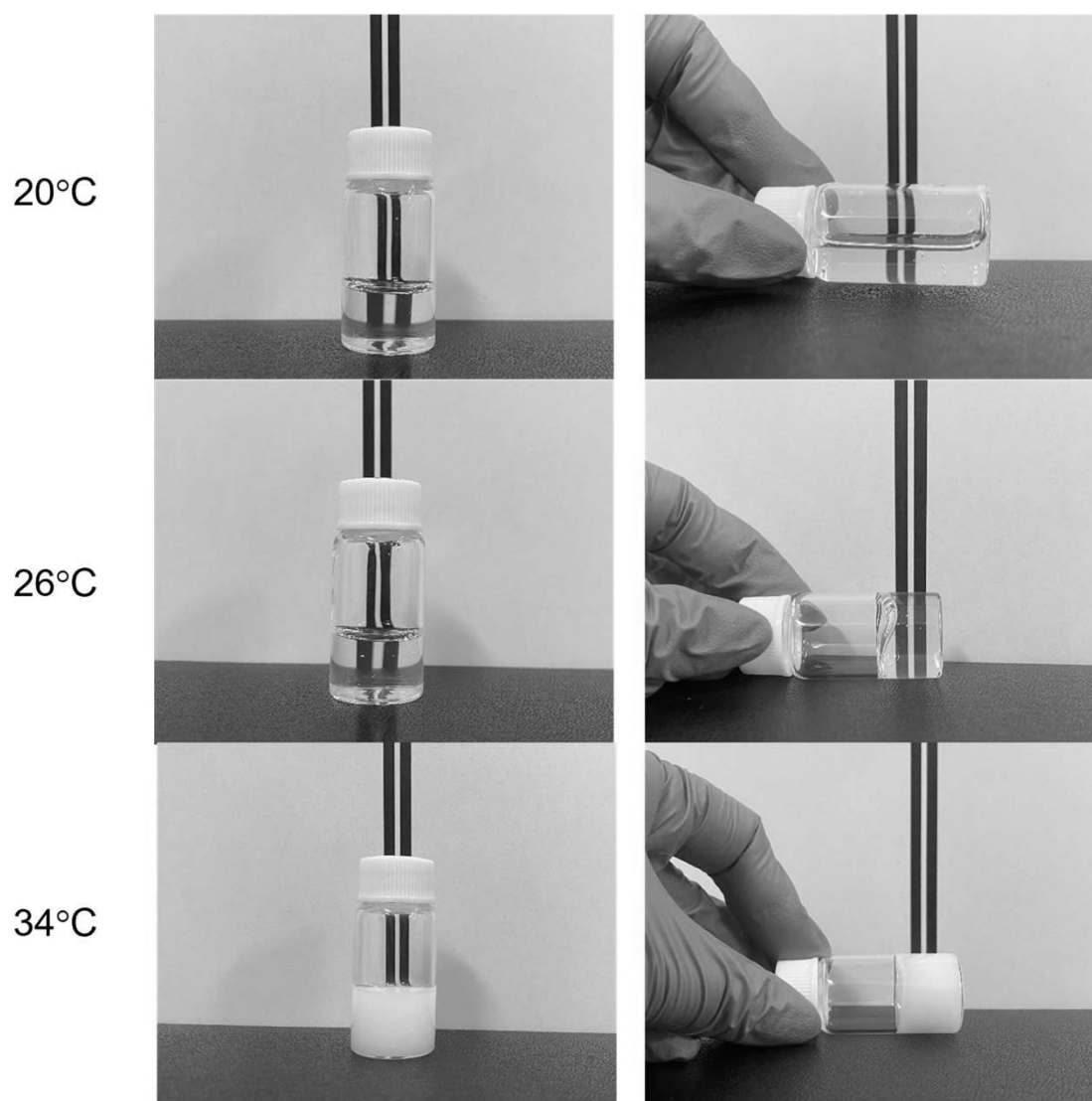
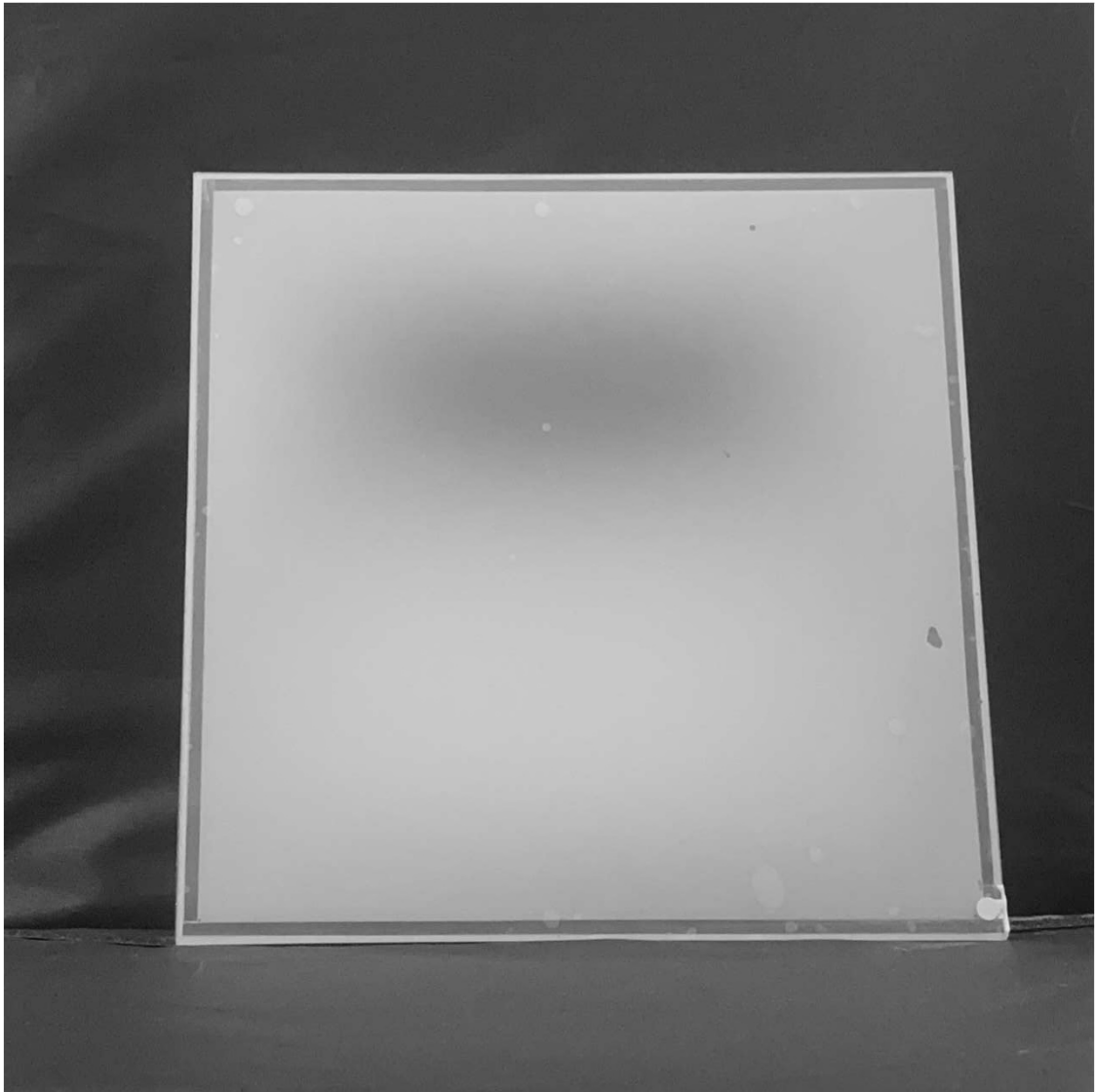


FIG. 4A



PNIPAM

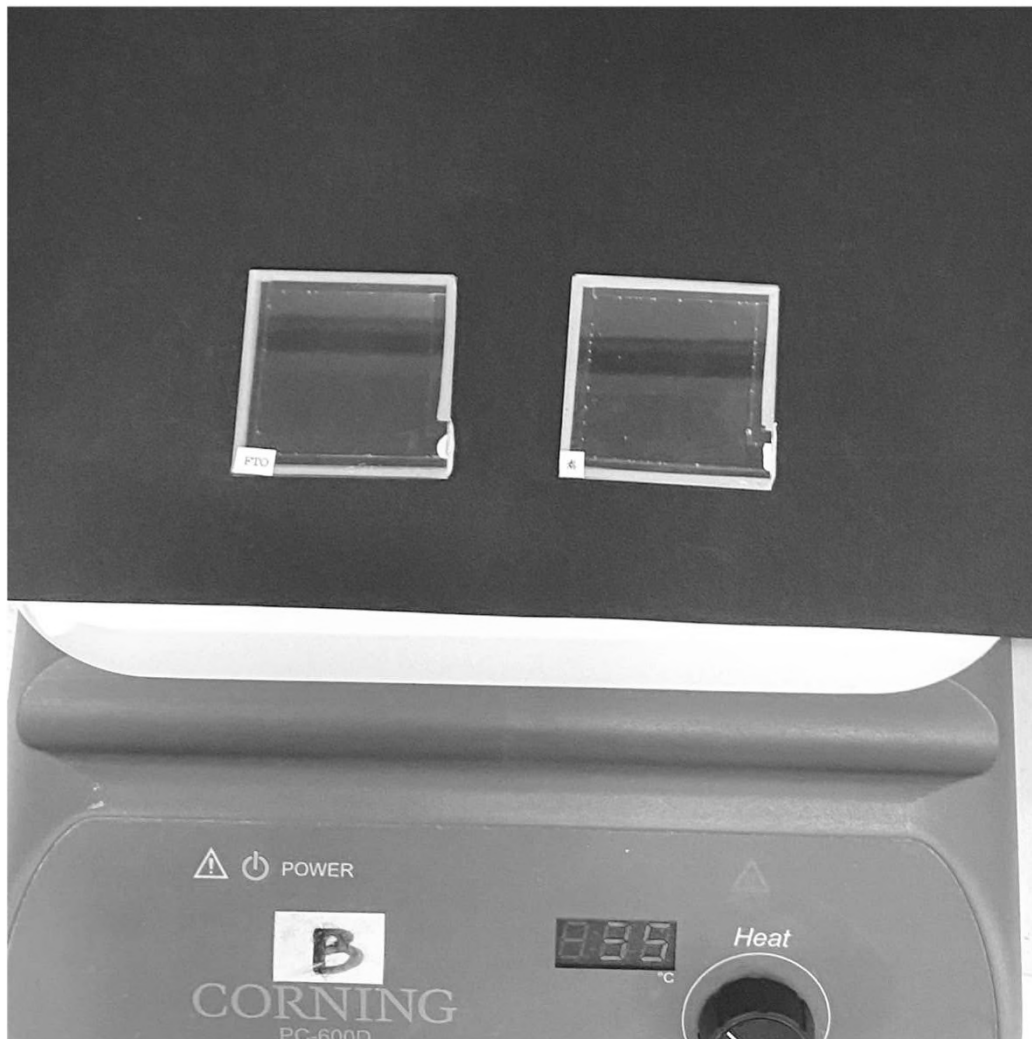
FIG. 4B



PNIPAM + TGP

FIG. 5A

FTO-COATED GLASS    CONVENTIONAL GLASS



35°C HOT PLATE    BEFORE HEATING

FIG. 5B

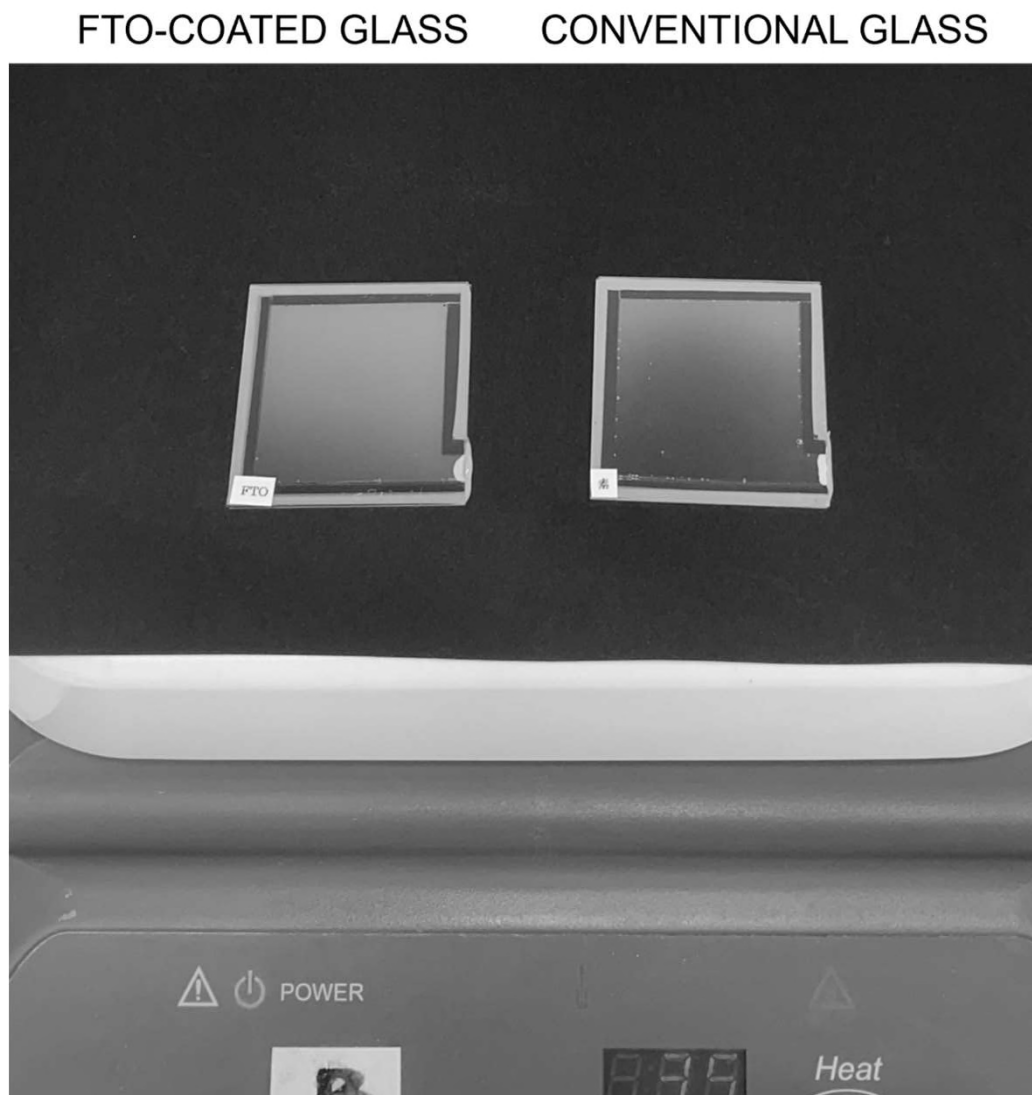
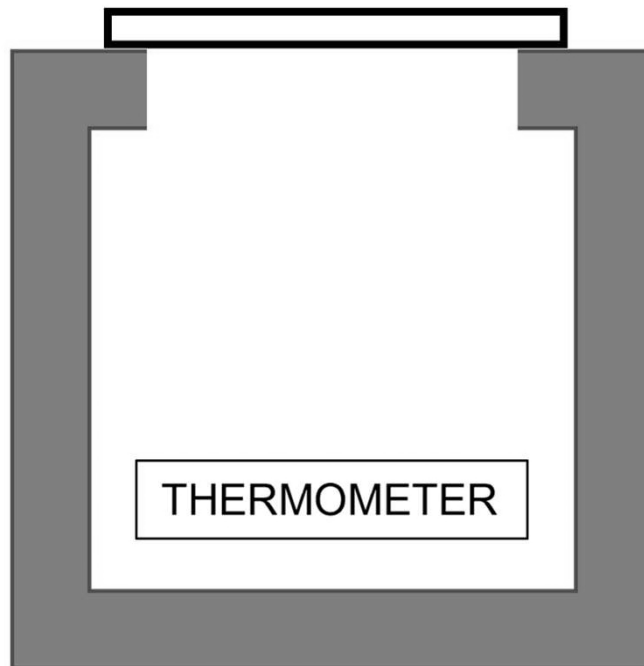


FIG. 6



SIMULATED SUNLIGHT IRRADIATION



HEAT-INSULATING BOX

FIG. 7

