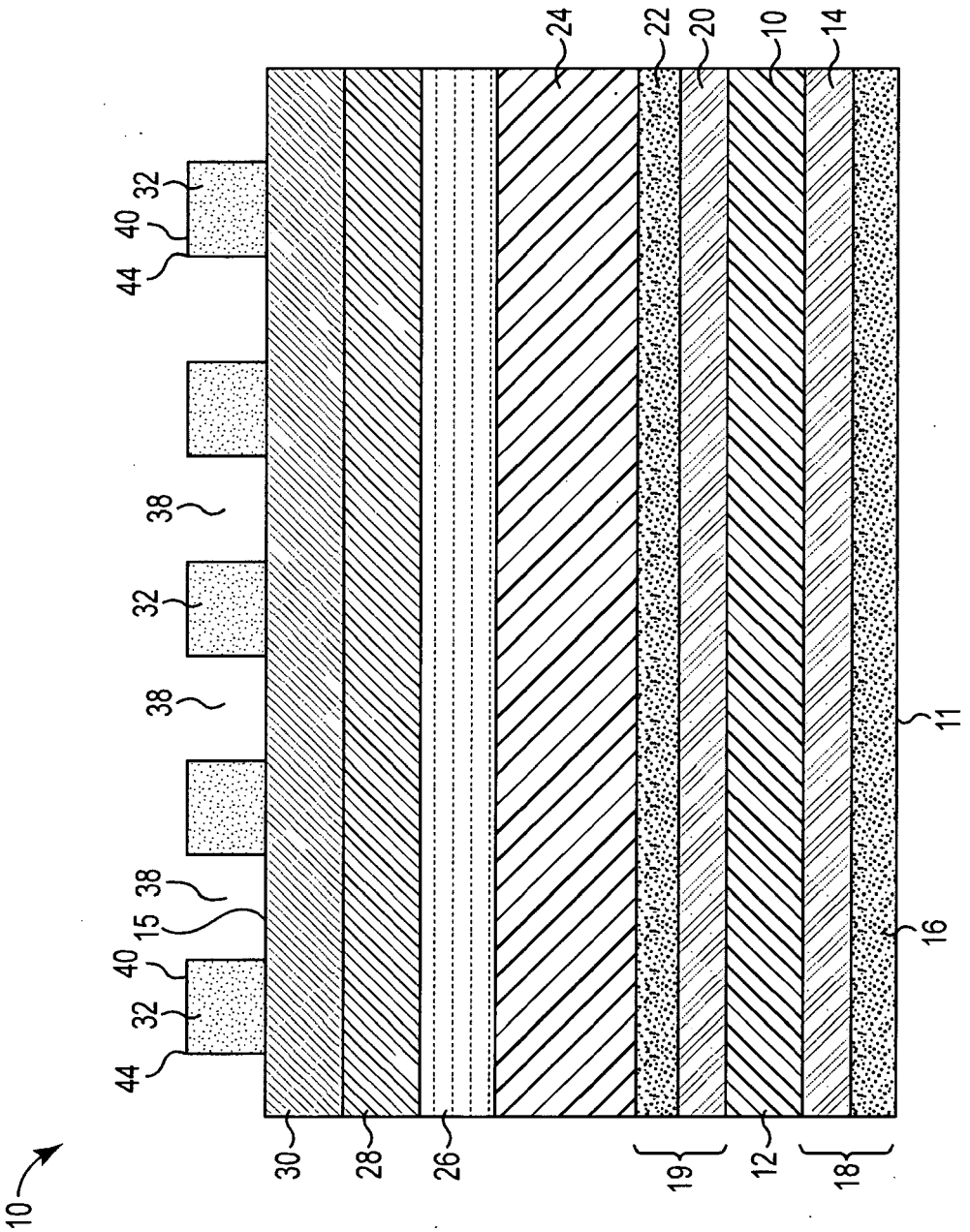


Fig. 1a

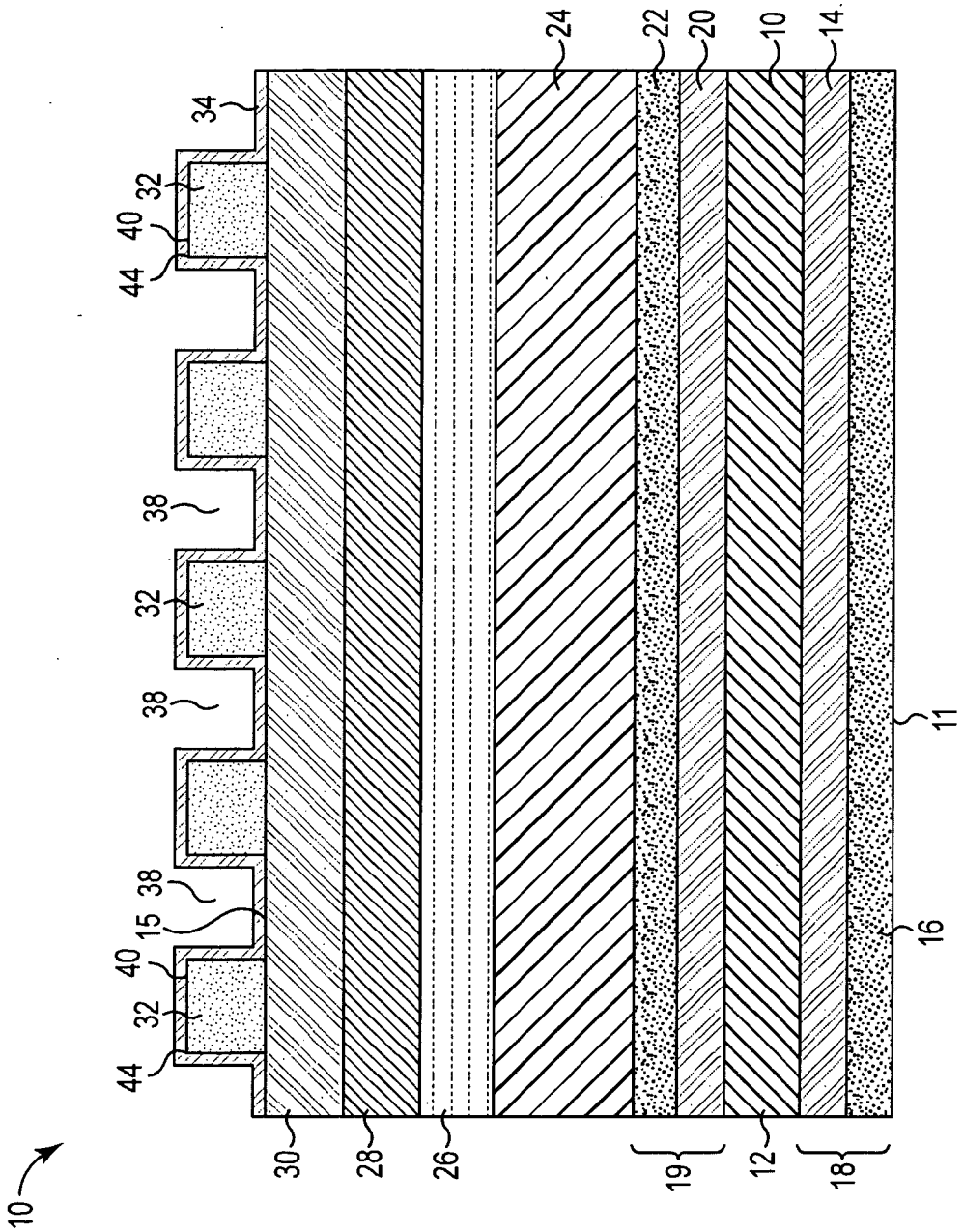


Fig. 1b

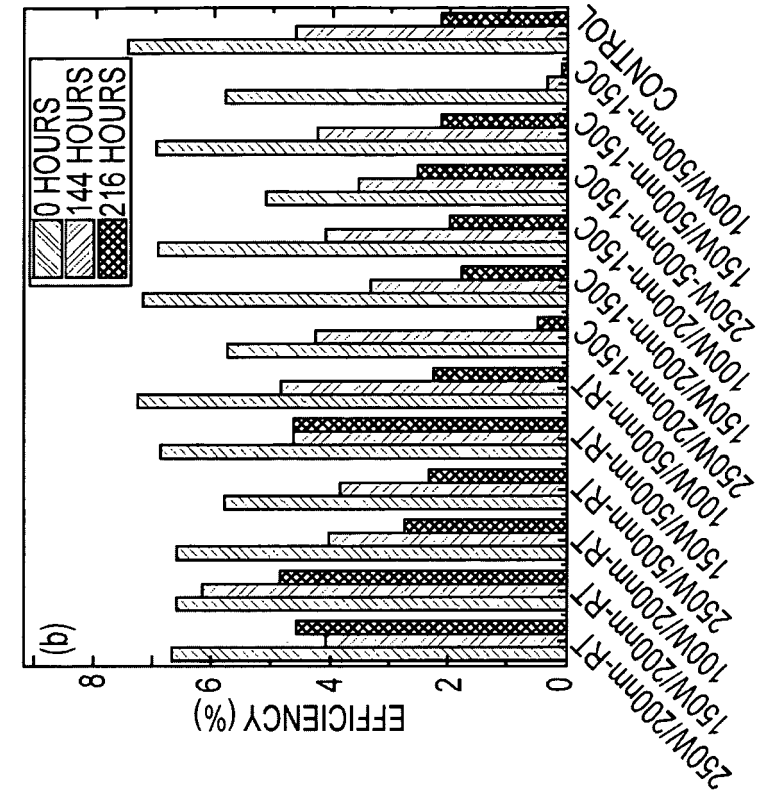

(b)
0 HOURS
144 HOURS
216 HOURS
EFFICIENCY (%)
0
2
4
6
8
250W/200nm-RT
150W/200nm-RT
100W/200nm-RT
250W/500nm-RT
150W/500nm-RT
100W/500nm-RT
250W/200nm-150C
150W/200nm-150C
100W/200nm-150C
250W-500nm-150C
150W/500nm-150C
100W/500nm-150C
CONTROL

Fig. 2b

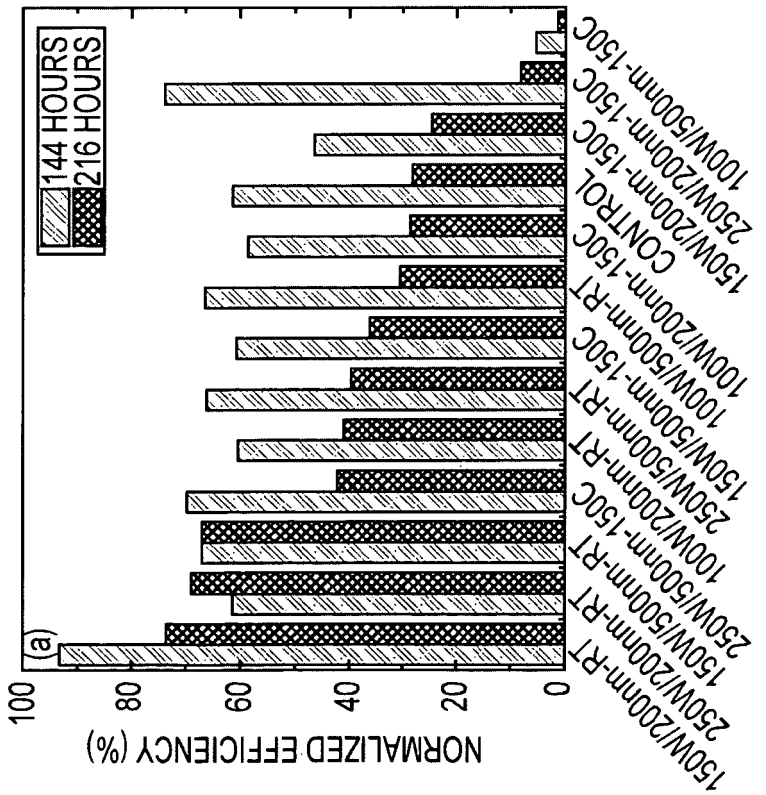

(a)
144 HOURS
216 HOURS
NORMALIZED EFFICIENCY (%)
0
20
40
60
80
100
150W/200nm-RT
250W/200nm-RT
150W/500nm-RT
250W/500nm-RT
100W/200nm-RT
150W/200nm-150C
100W/500nm-RT
250W/200nm-150C
150W/500nm-150C
100W/200nm-150C
CONTROL
250W/500nm-150C
150W/200nm-150C
100W/500nm-150C

Fig. 2a

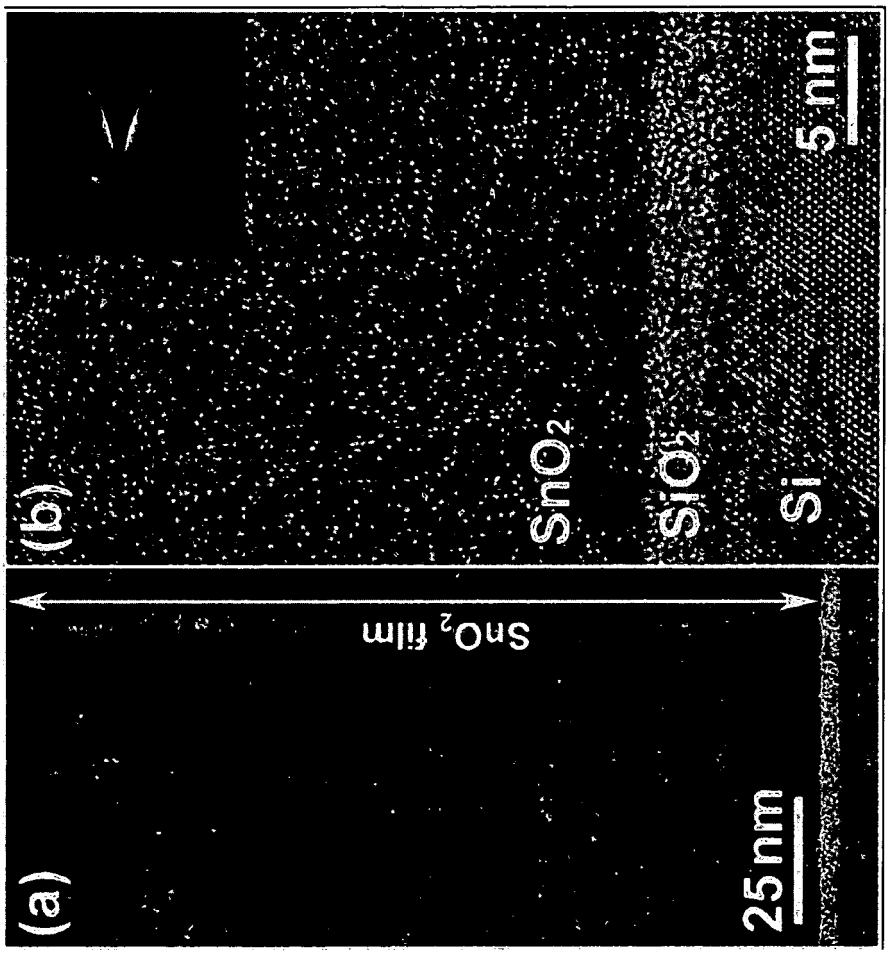


Fig. 3

Fig. 4a

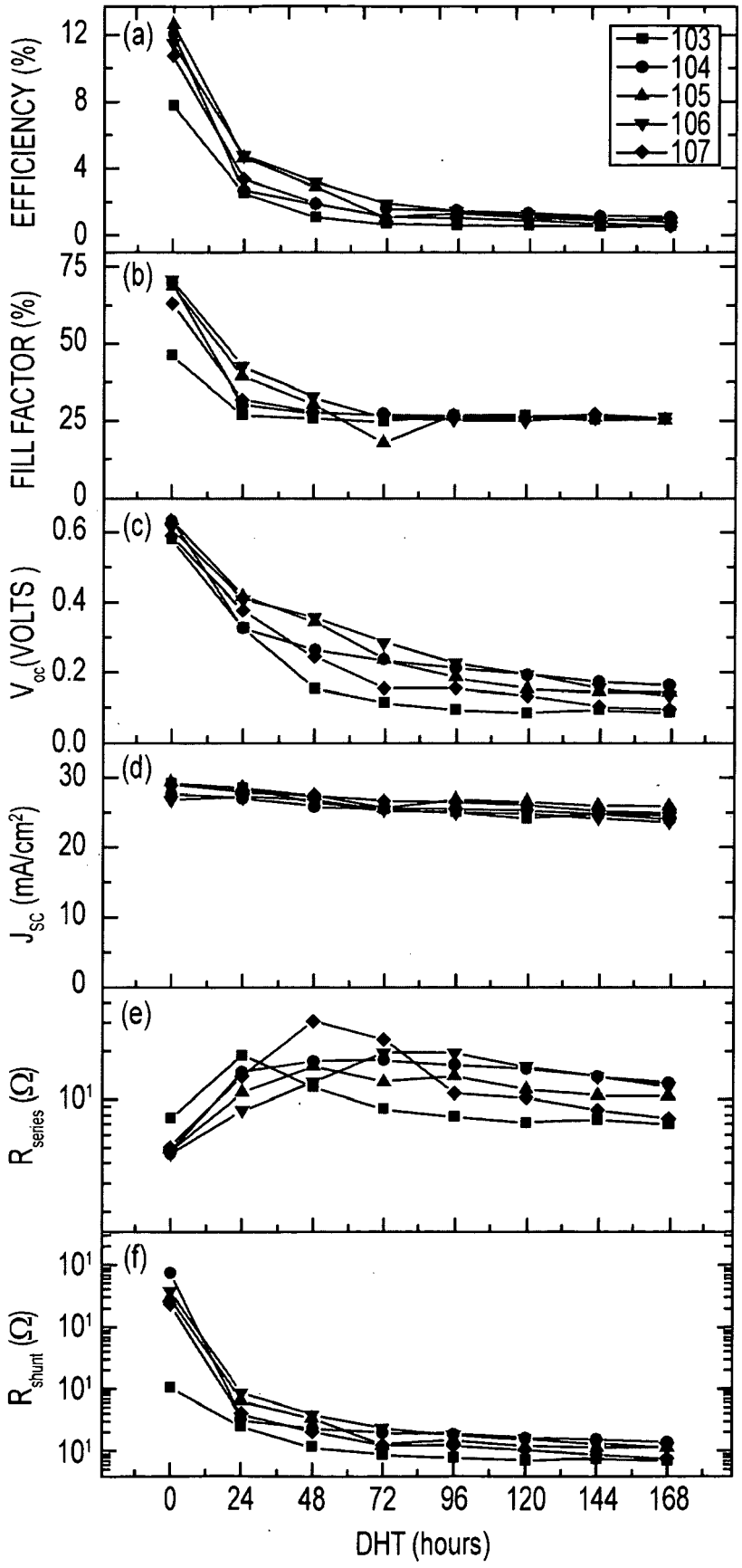
Fig. 4b

Fig. 4c

Fig. 4d

Fig. 4e

Fig. 4f



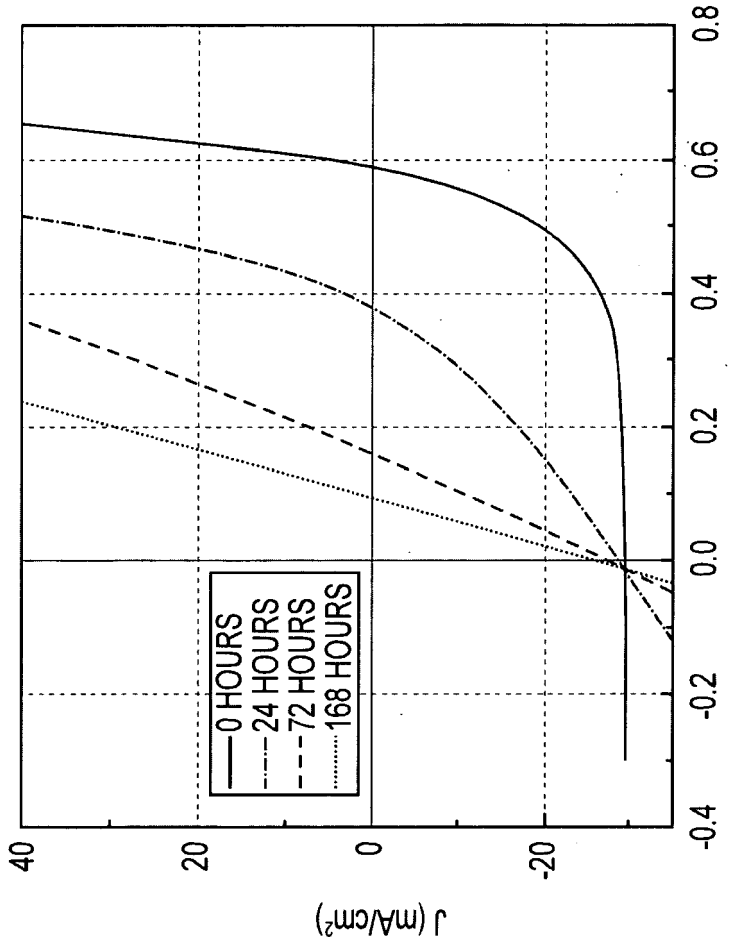

J (mA/cm²)
40
20
0
-20
VOLTS (V)
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
0 HOURS
24 HOURS
72 HOURS
168 HOURS

Fig. 5