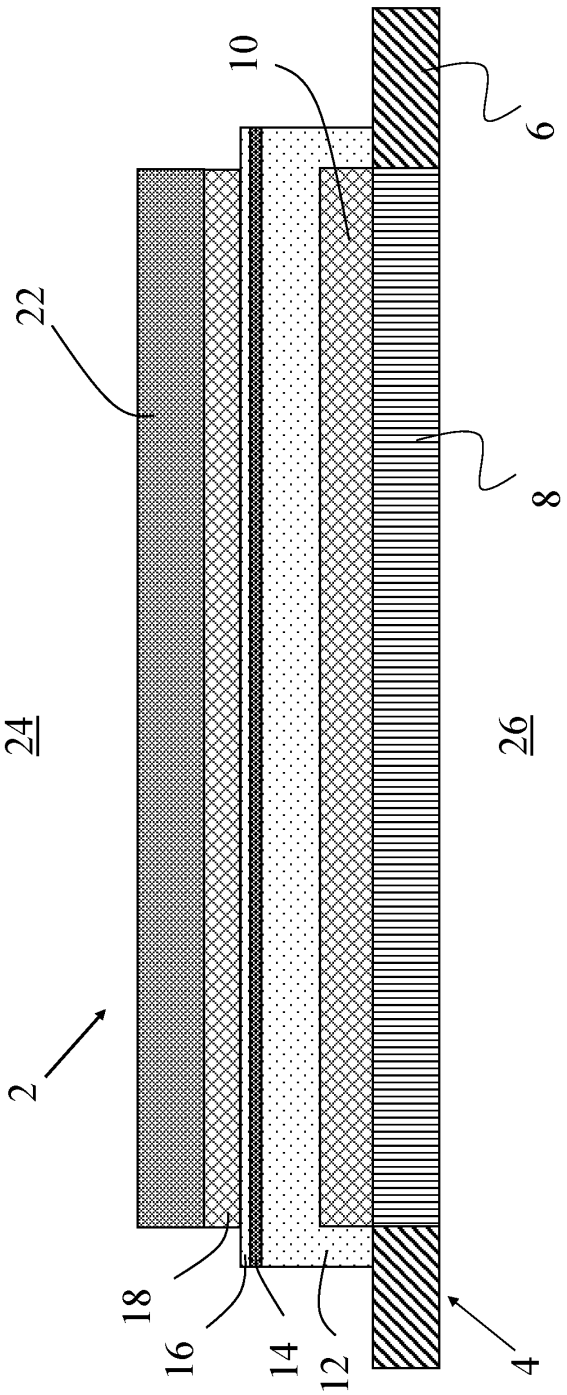

FIG. 1

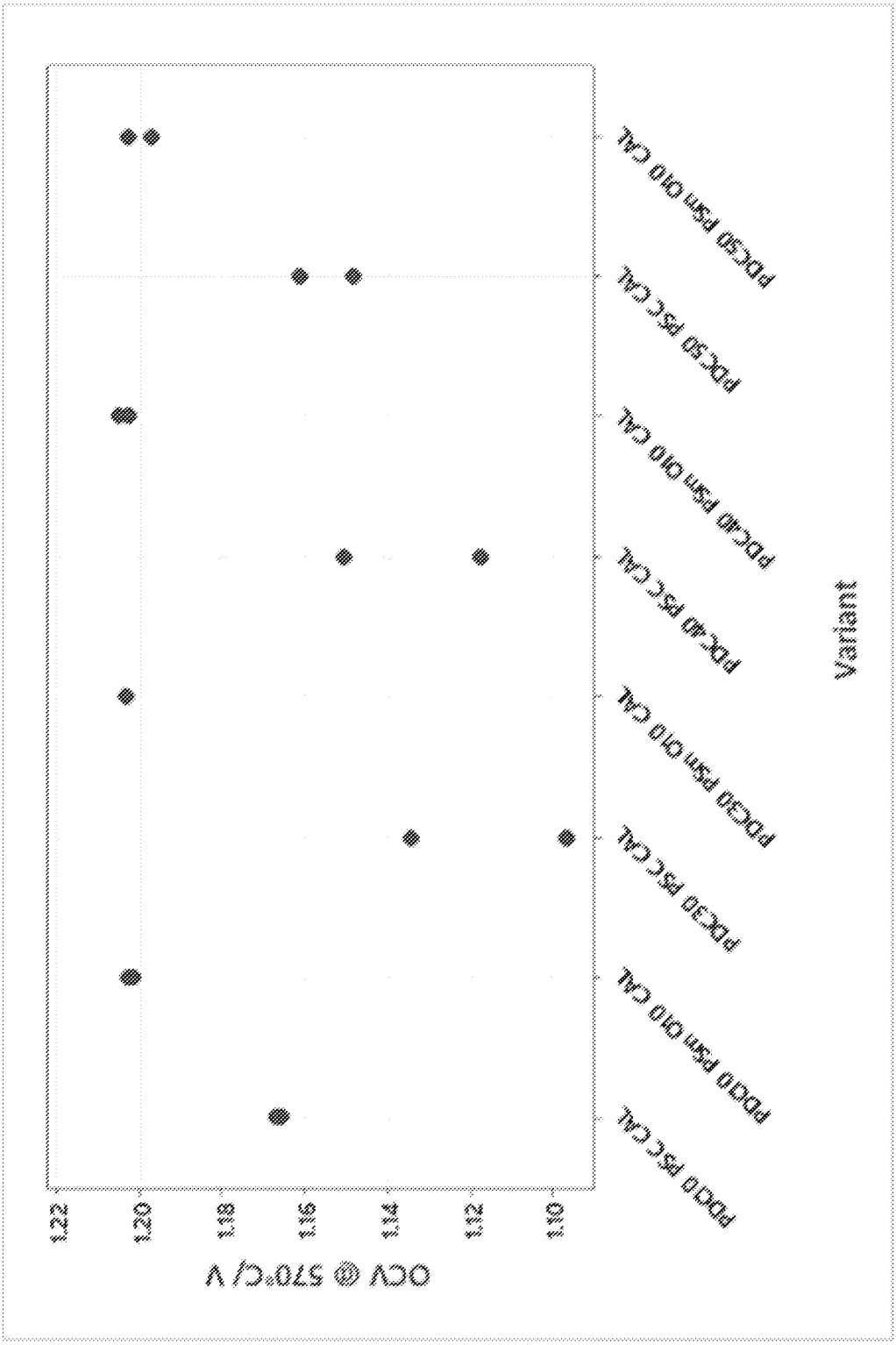
OCV @ 570°C/ V
1.22
1.20
1.18
1.16
1.14
1.12
1.10
PDC10 PSC CAL
PDD0 PSN OH0 CAL
PDC30 PSC CAL
PDC30 PSN OH0 CAL
PDC40 PSC CAL
PDC40 PSN OH0 CAL
PDC50 PSC CAL
PDC50 PSN OH0 CAL
Variant

FIG. 2

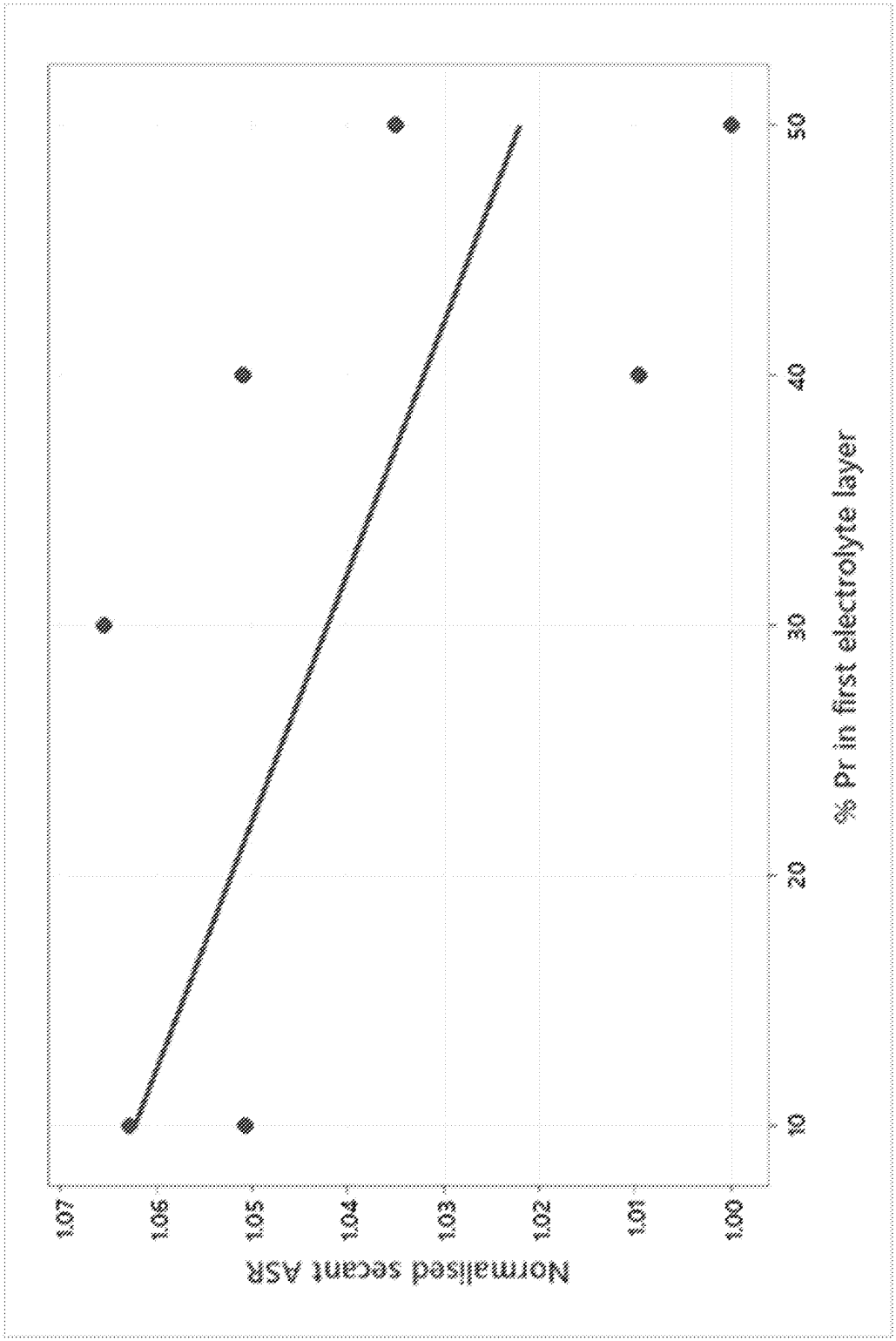
Normalised scant ASR
1.07
1.06
1.05
1.04
1.03
1.02
1.01
1.00
10
20
30
40
50
% Pr in first electrolyte layer

FIG. 3

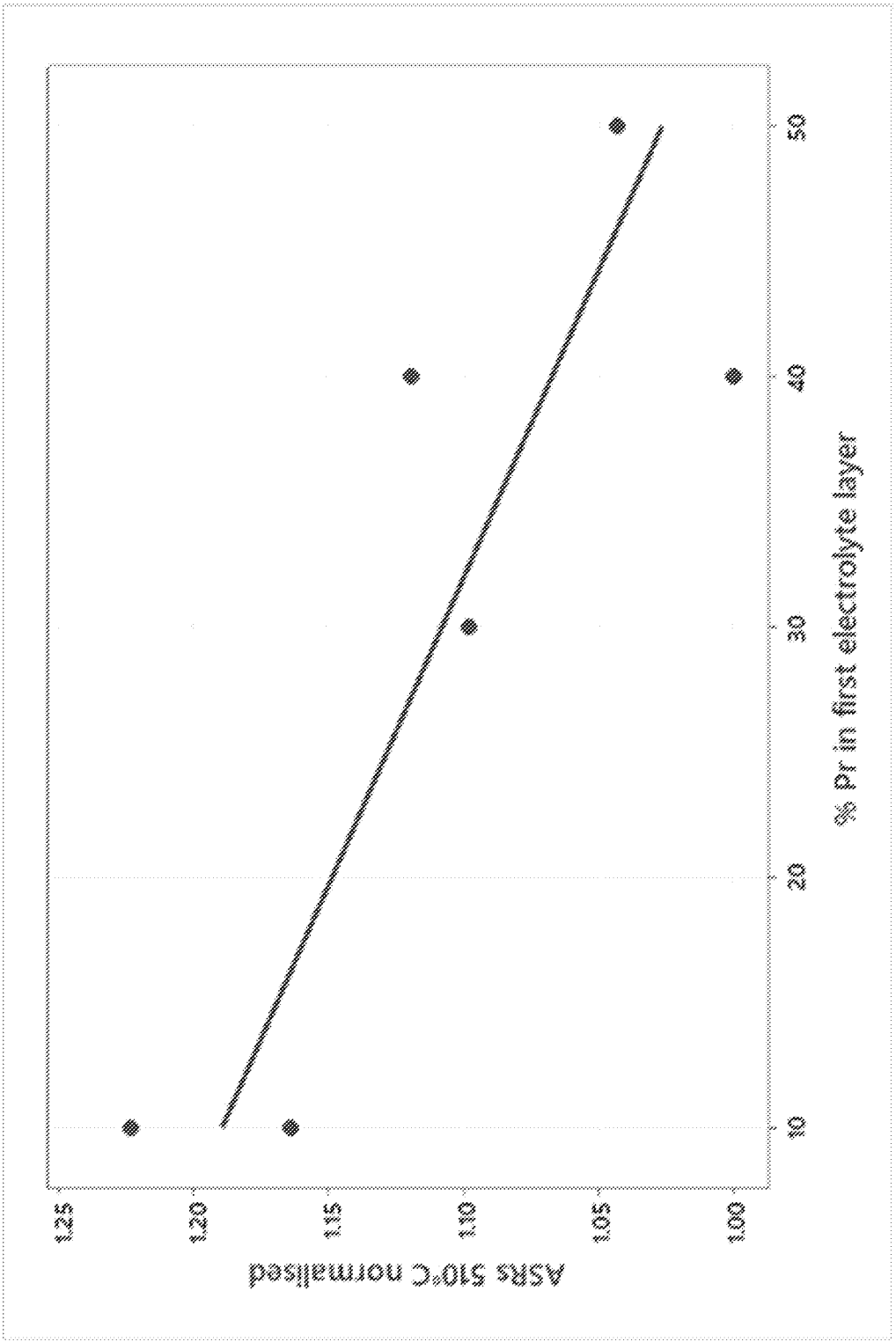
ASRs 510°C normalised
1.25
1.20
1.15
1.10
1.05
1.00
10
20
30
40
50
% Pr in first electrolyte layer

FIG. 4

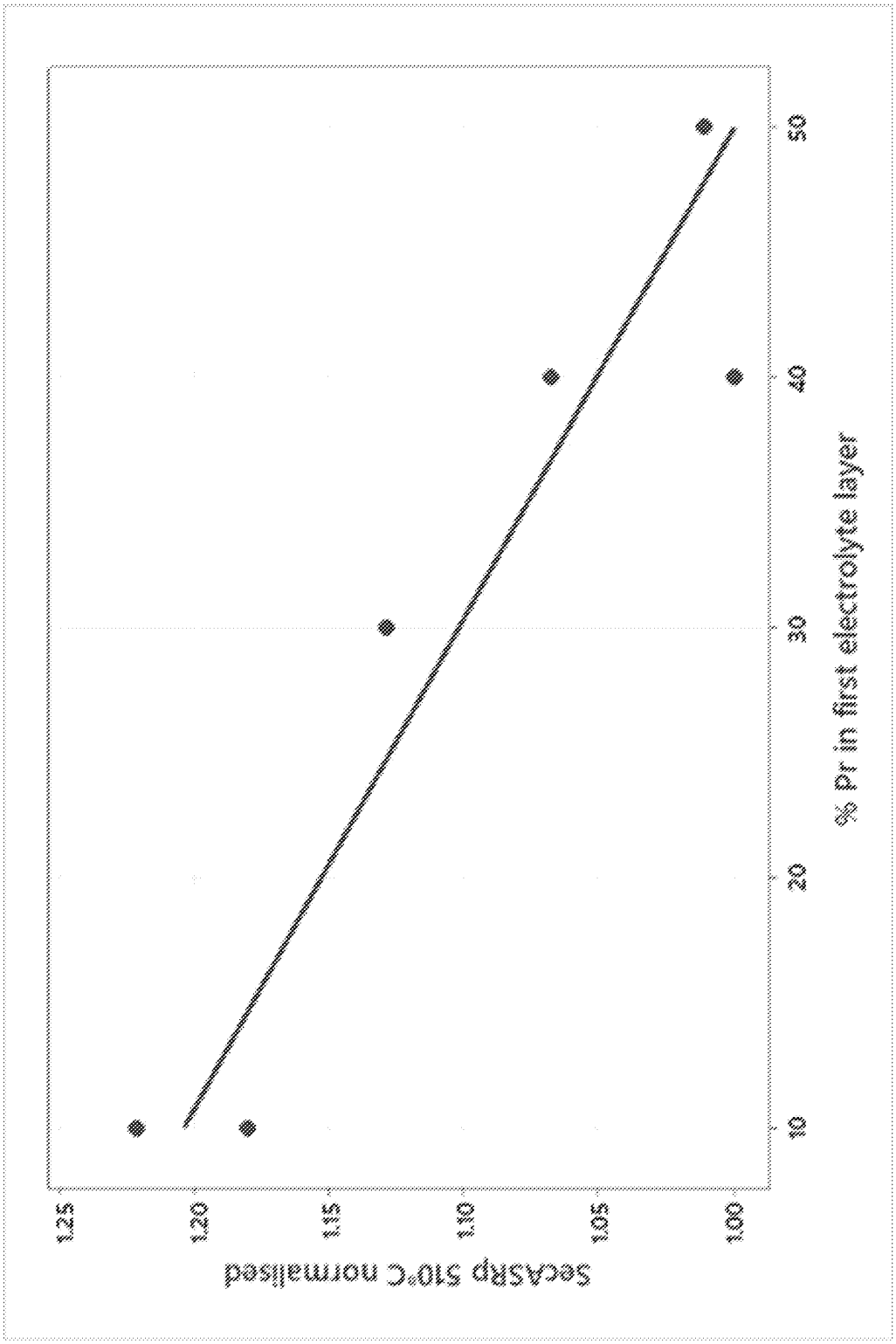
1.25
1.20
1.15
1.10
1.05
1.00
SecASRp 510°C normalised
10
20
30
40
50
% Pr in first electrolyte layer

FIG. 5