Fig.3

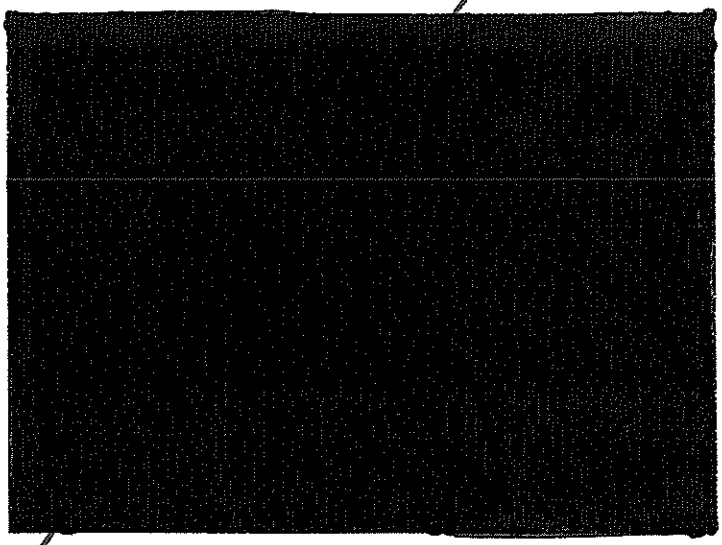

Fig.1

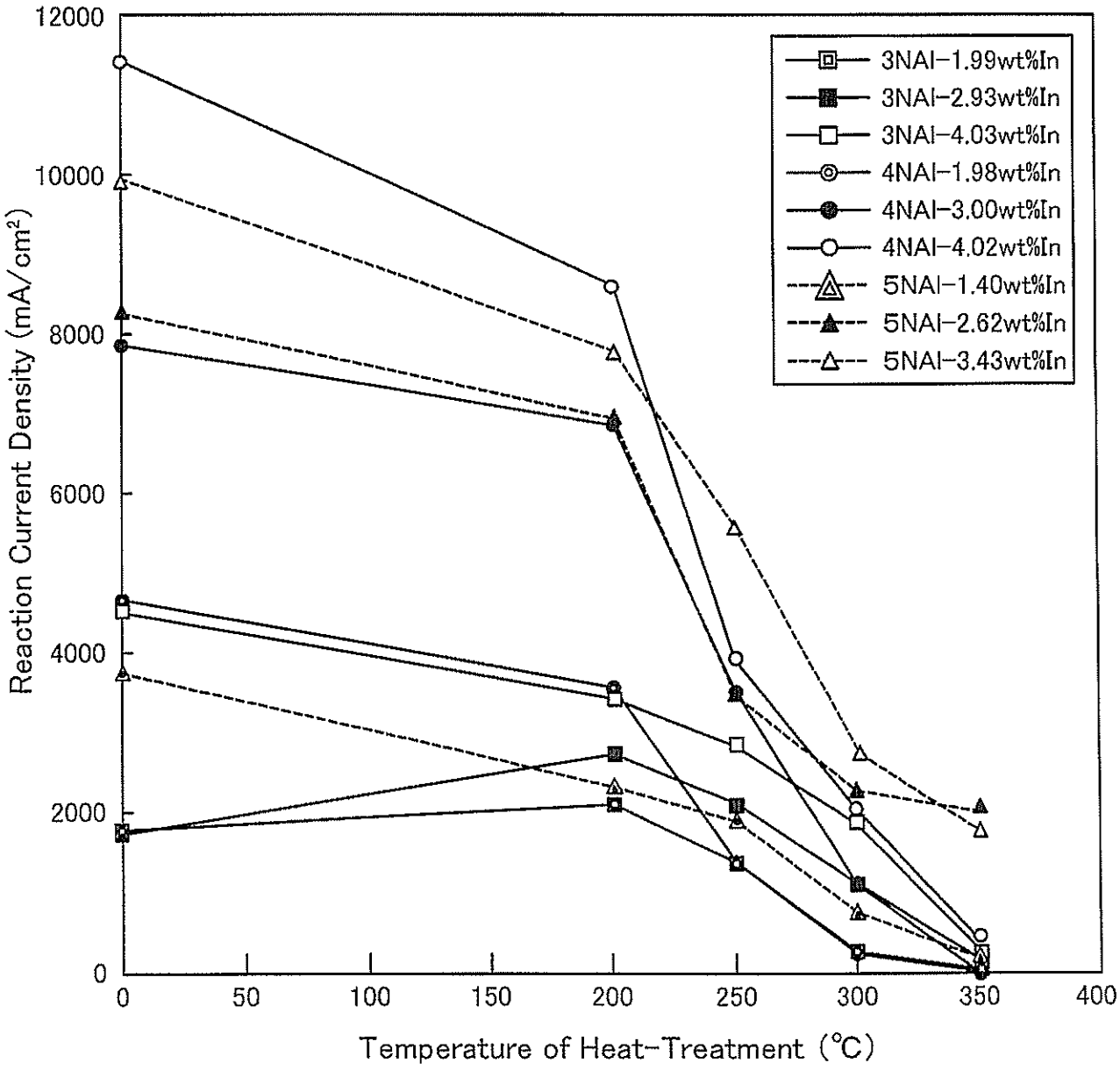
12000
10000
8000
6000
4000
2000
0
Reaction Current Density (mA/cm²)
0
50
100
150
200
250
300
350
400
Temperature of Heat-Treatment (°C)
3NAl-1.99wt%In
3NAl-2.93wt%In
3NAl-4.03wt%In
4NAl-1.98wt%In
4NAl-3.00wt%In
4NAl-4.02wt%In
5NAl-1.40wt%In
5NAl-2.62wt%In
5NAl-3.43wt%In

Fig.2

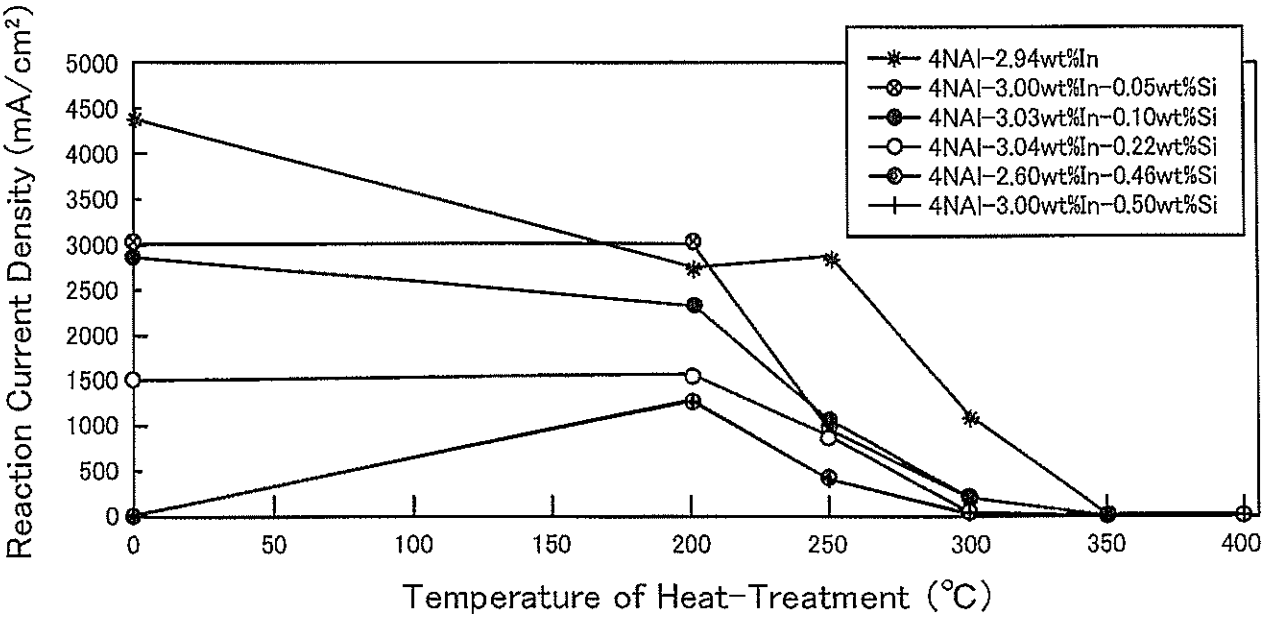
Reaction Current Density (mA/cm²)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
50
100
150
200
250
300
350
400
Temperature of Heat-Treatment (°C)
4NAl-2.94wt%In
4NAl-3.00wt%In-0.05wt%Si
4NAl-3.03wt%In-0.10wt%Si
4NAl-3.04wt%In-0.22wt%Si
4NAl-2.60wt%In-0.46wt%Si
4NAl-3.00wt%In-0.50wt%Si

Fig.3

