

FIG.1

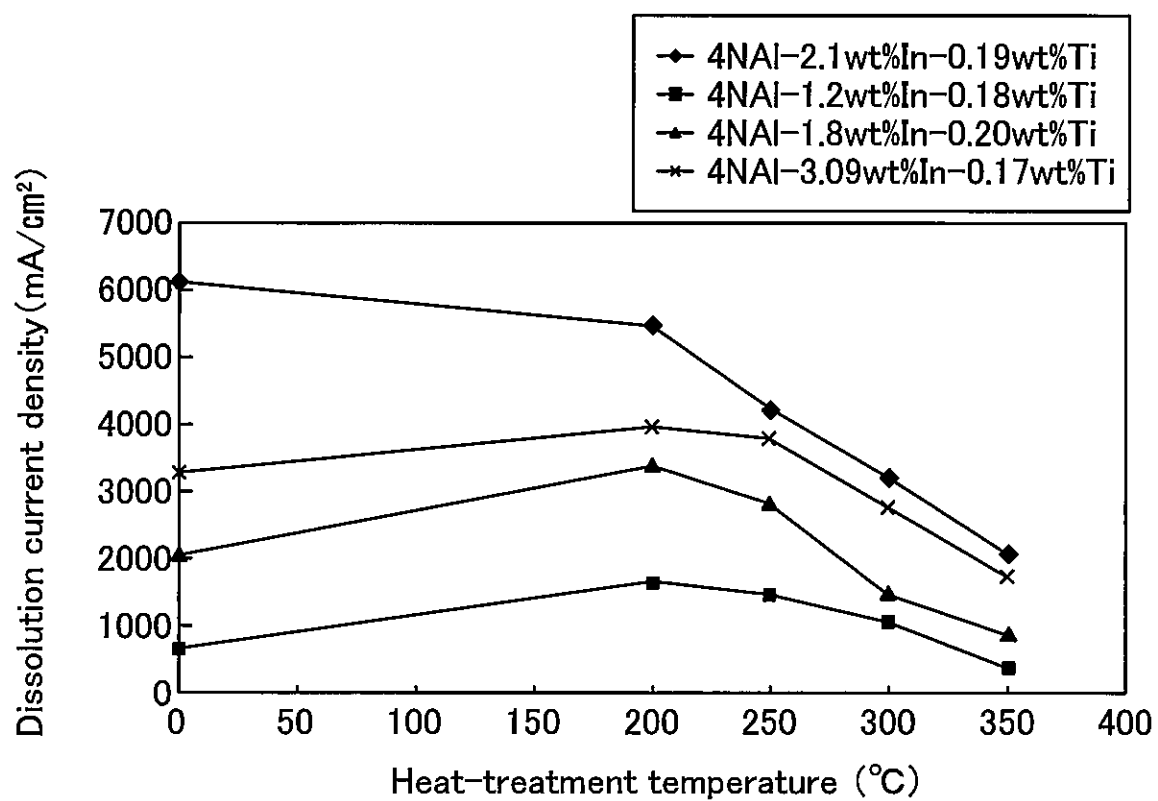


FIG.2

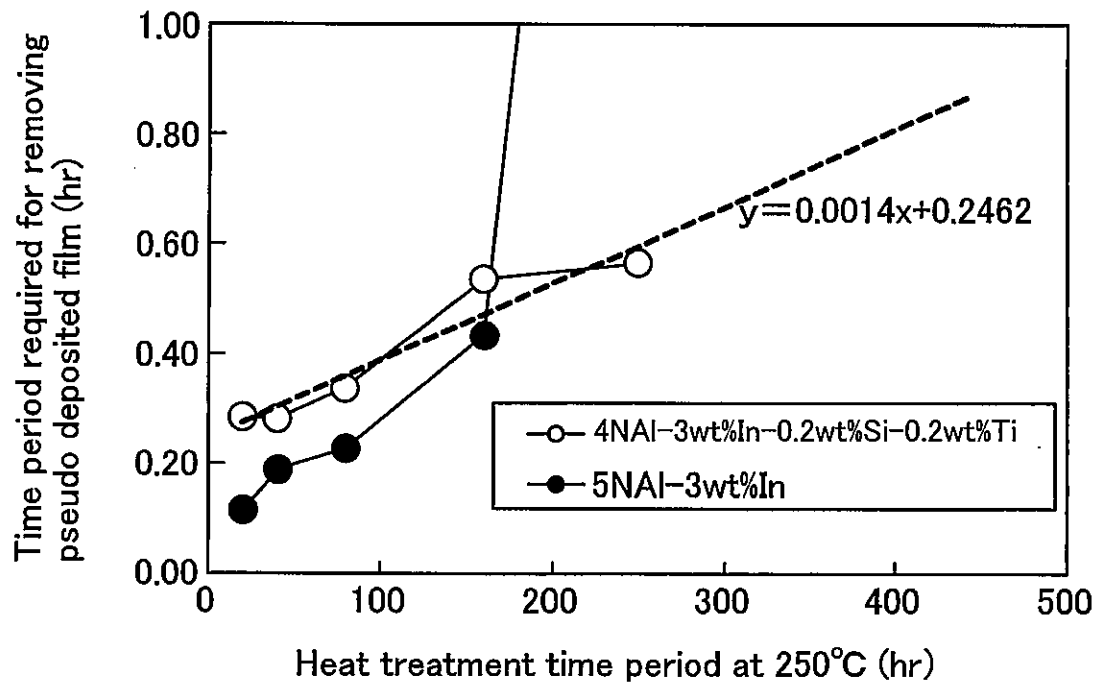
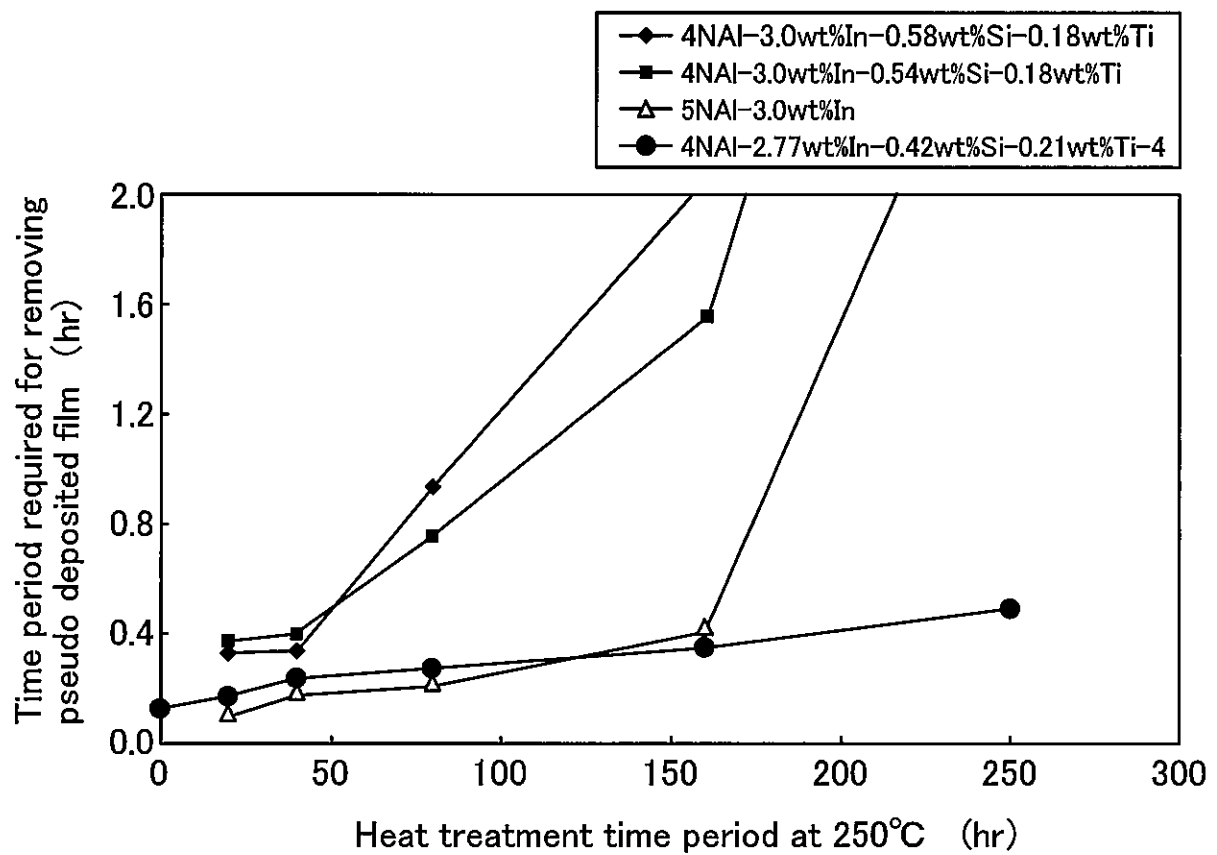


FIG.3



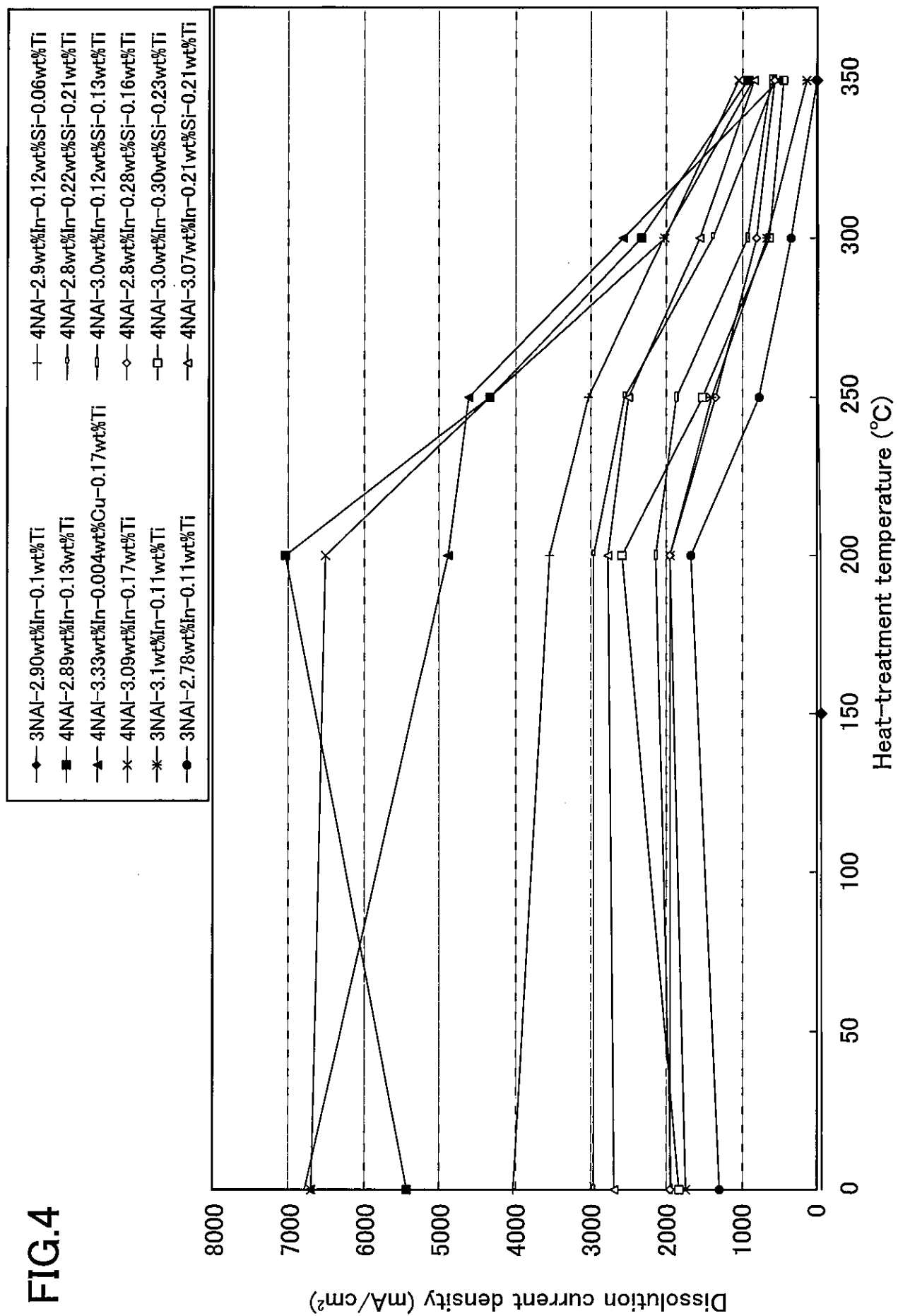


FIG.5

(a)



(b)



FIG.6

(a)

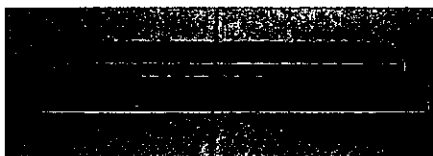


(b)



FIG.7

(a)



(b)



FIG.8

(a)



(b)

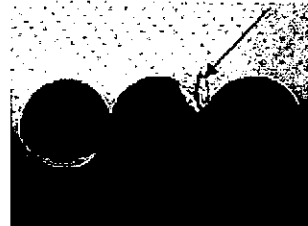
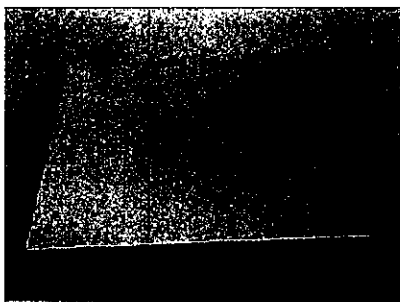


FIG.9

(a)



(b)

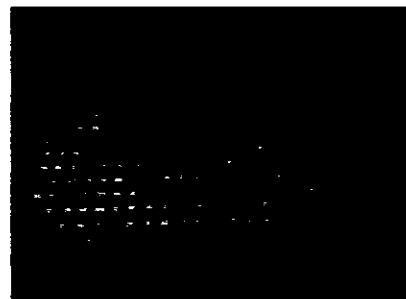
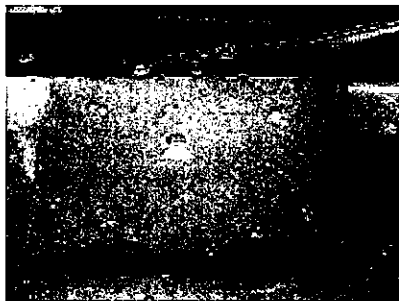


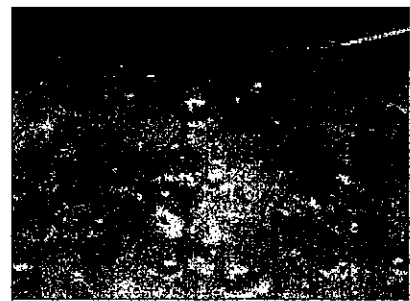
FIG.10

(a)



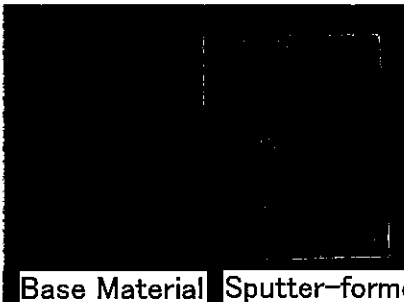
Immediately after immersion

(b)



During reaction

(c)



Base Material Sputter-formed Film

After removal of Film

FIG.11

