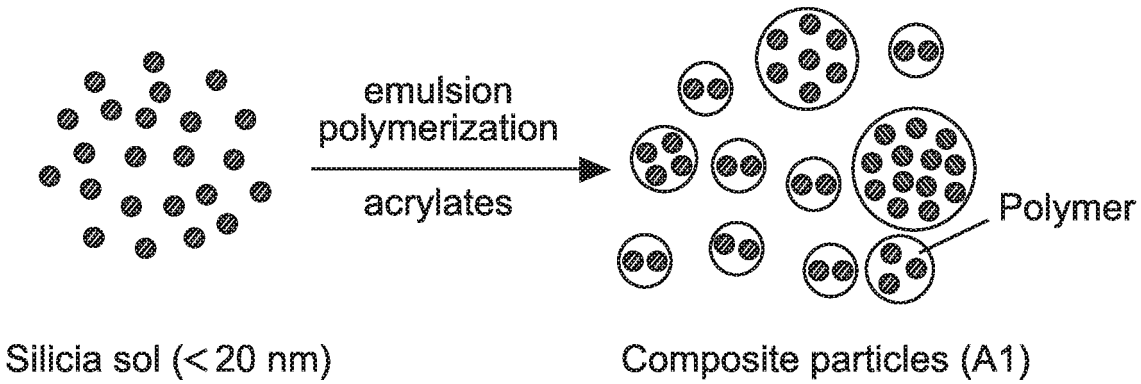

emulsion
polymerization
acrylates
Polymer
Silicia sol (< 20 nm)
Composite particles (A1)

Fig. 1

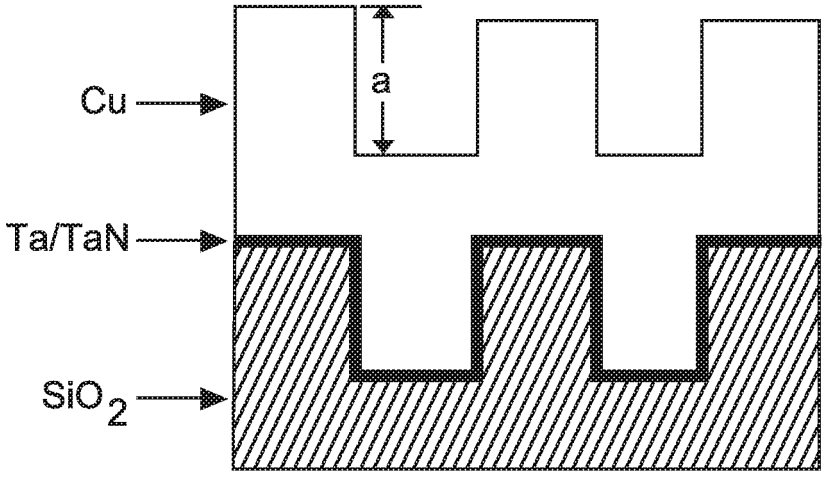


Fig. 2a

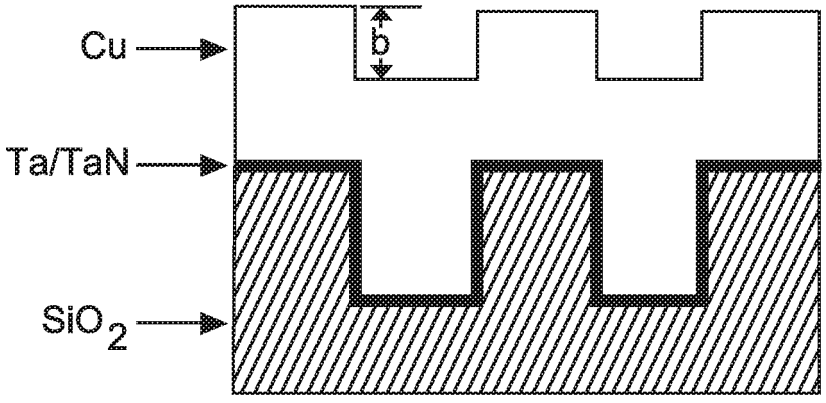


Fig. 2b

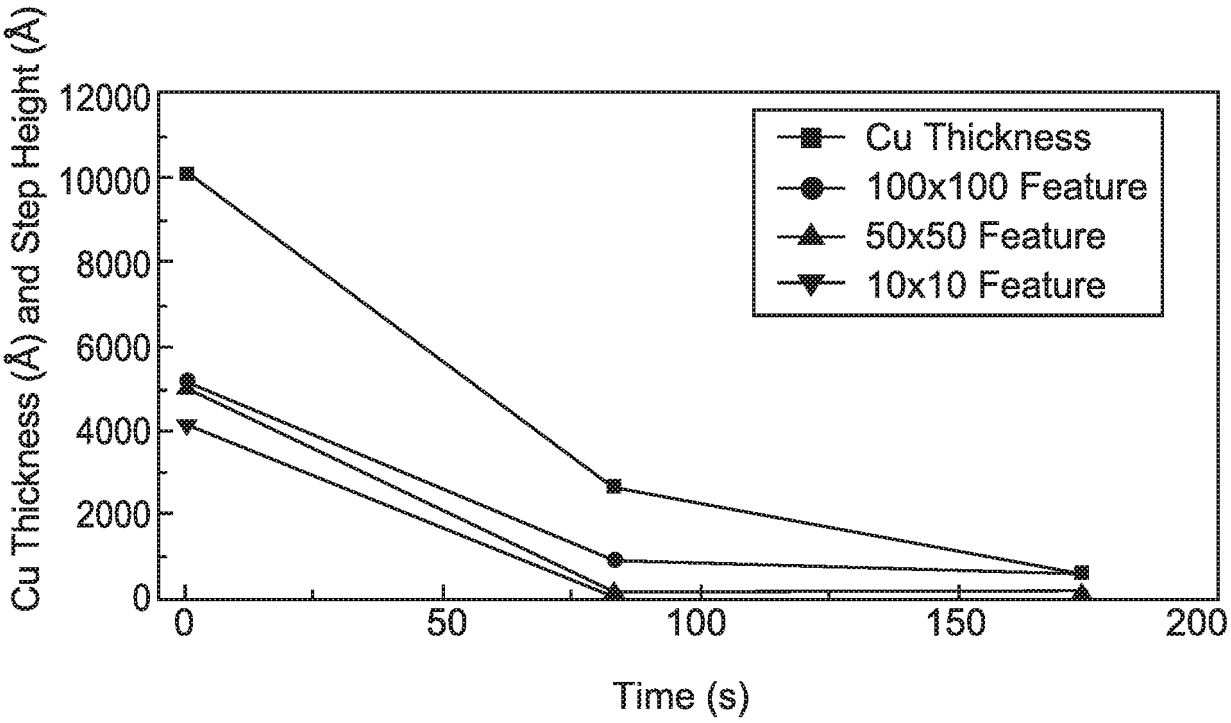

Cu Thickness (Å) and Step Height (Å)
12000
10000
8000
6000
4000
2000
0
0
50
100
150
200
Time (s)
Cu Thickness
100x100 Feature
50x50 Feature
10x10 Feature

Fig.3