

Fig.1 Schematic of RT-ALD system.

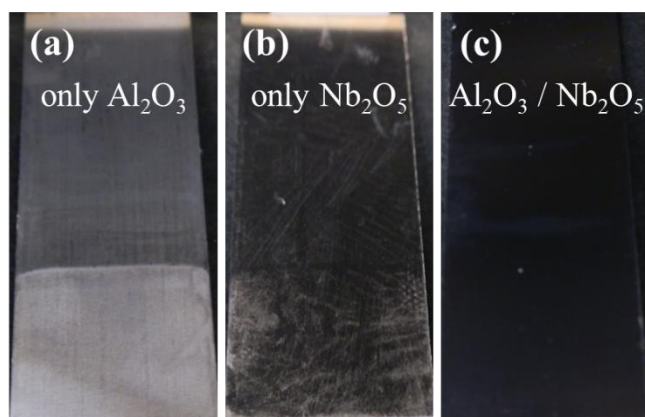


Fig.2 Surface images of SUS304 plates with only alumina, only  $\text{Nb}_2\text{O}_5$  and alumina/ $\text{Nb}_2\text{O}_5$  films. All the samples were immersed partially in an HCl acid (36 wt%).