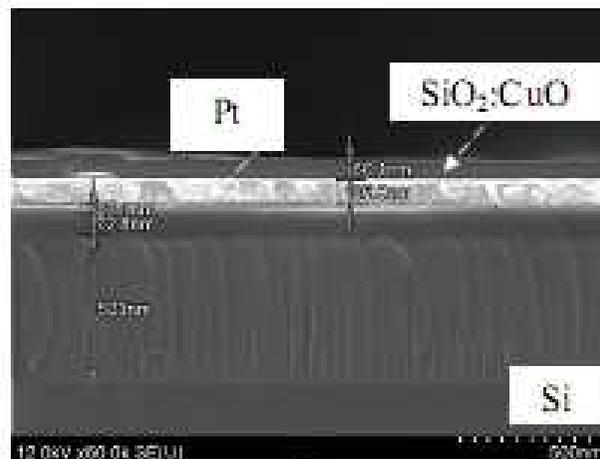
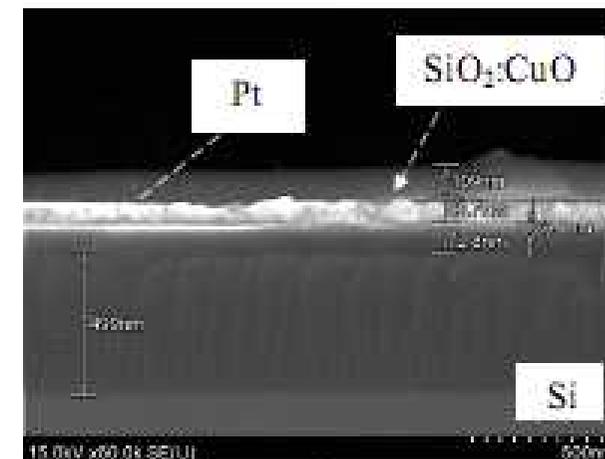


а)



б)



в)

SiO<sub>2</sub>:CuO, 2- - ,  
 : ( ) - 0,50 . %  
 ( ) - 2 100 % . Ar 100 %; ( ) - SiO<sub>2</sub> Ar 50 % 79 2 50 %;



3- - (1) - (2),  
 - = 800 ° , - 1 .  
 8 Cu(NO<sub>3</sub>)<sub>2</sub> × 3H<sub>2</sub>O 70