Captions for figures 1, 2,

For figure 1 and its parts

Images and topological data of the post UV-laser processed platinum device: (a) and (b) are AFM images showing respectively the linear structures created and the finer detailed structure of the surface topology; (c) is a visible microscope image with a magnified insert, ( UV process parameters 244nm, power 110 mW, scan velocity of 0.05mms-1)

For figure 2

Scheme of gas sensing apparatus and picture of the gas chamber