

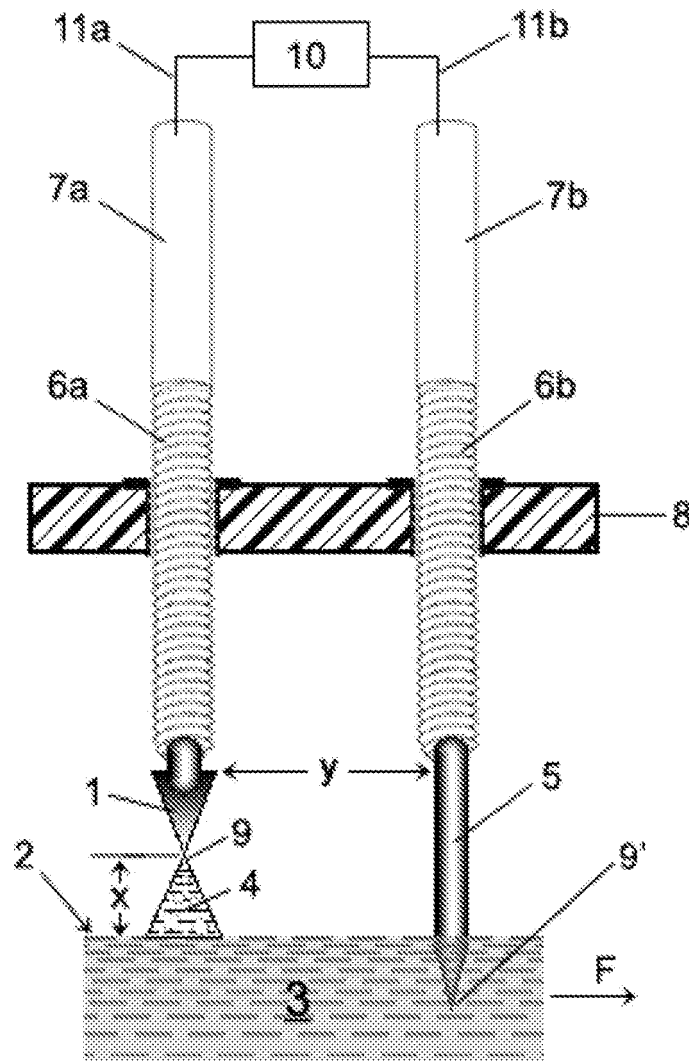


Figure 1

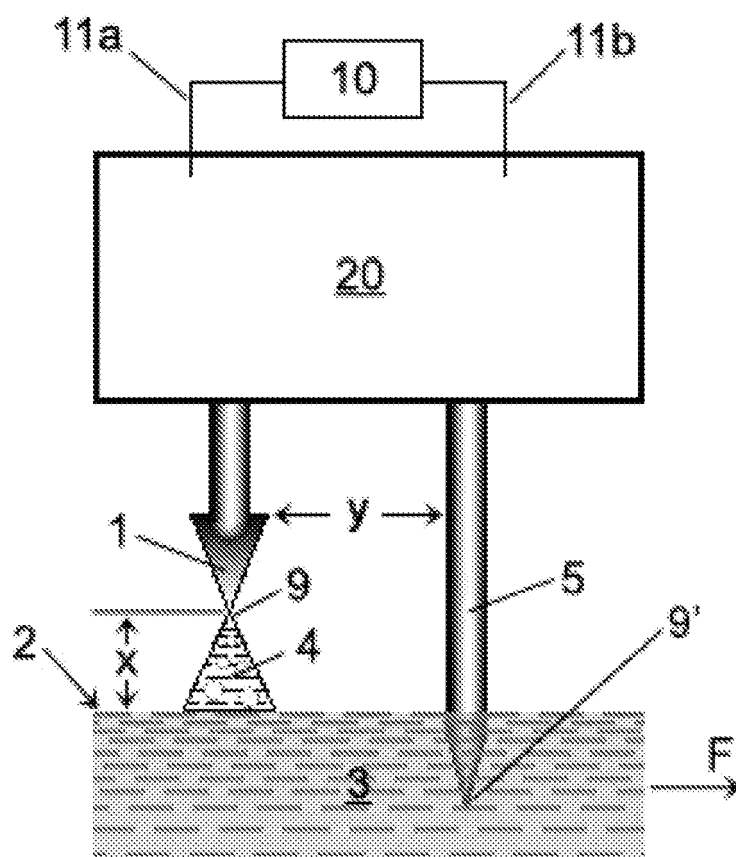


Figure 2

Figure 3a



Figure 3b



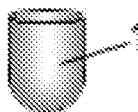
Figure 3c



Figure 3d



Figure 3e



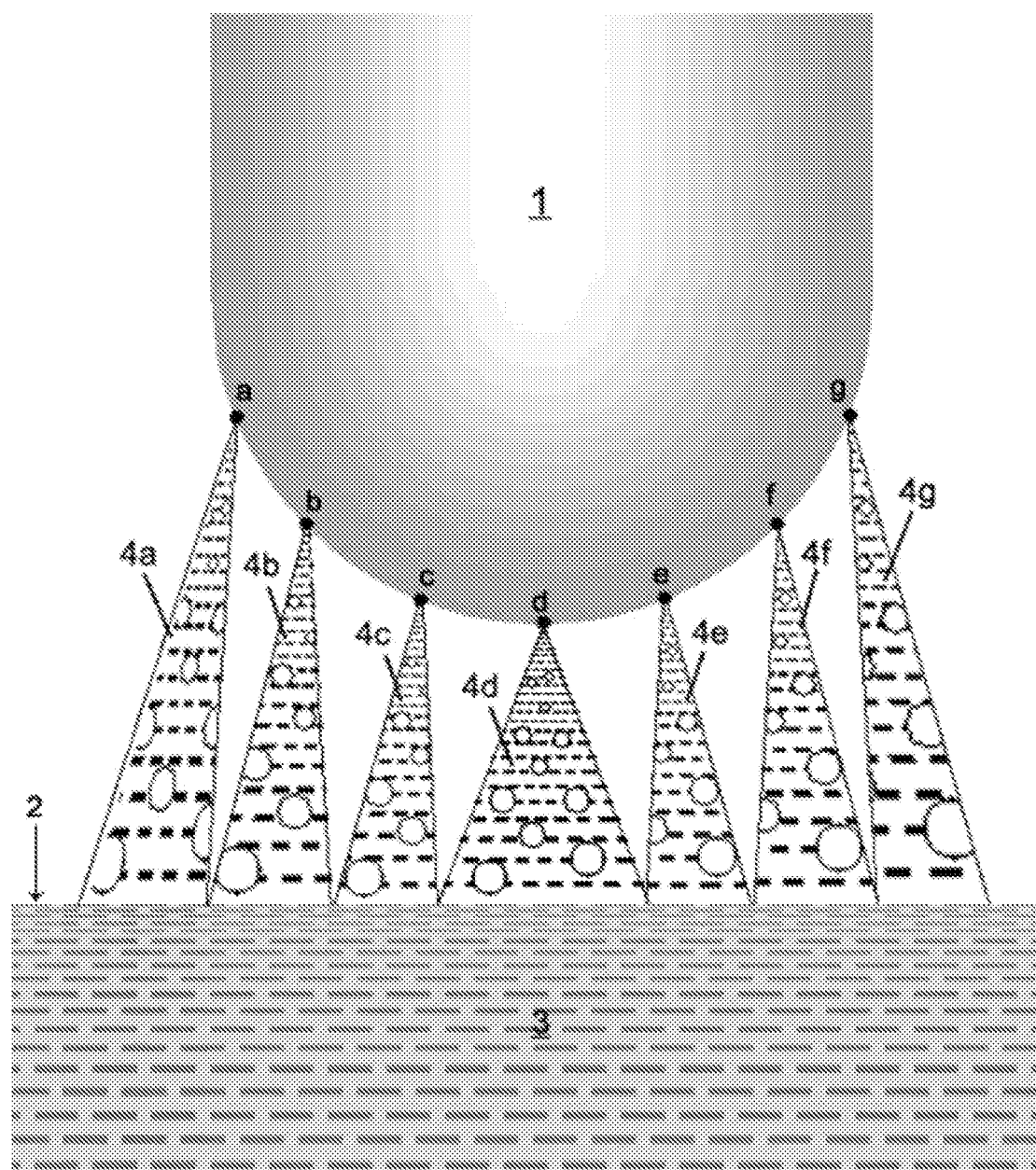


Figure 4

Figure 5a

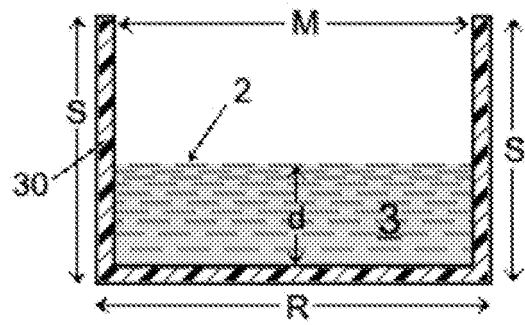


Figure 5b

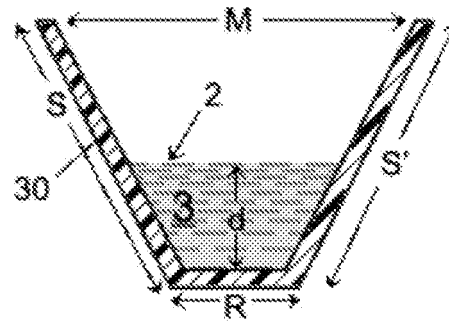


Figure 5c

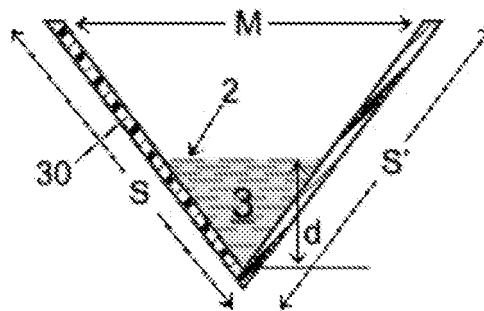


Figure 5d

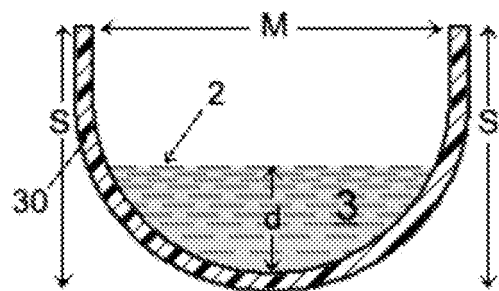
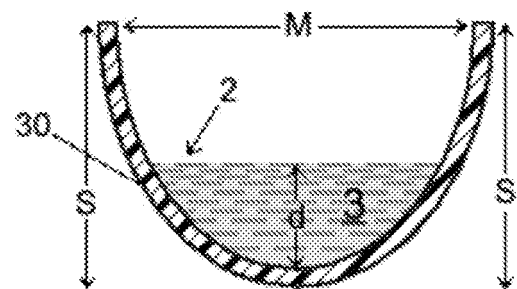


Figure 5e



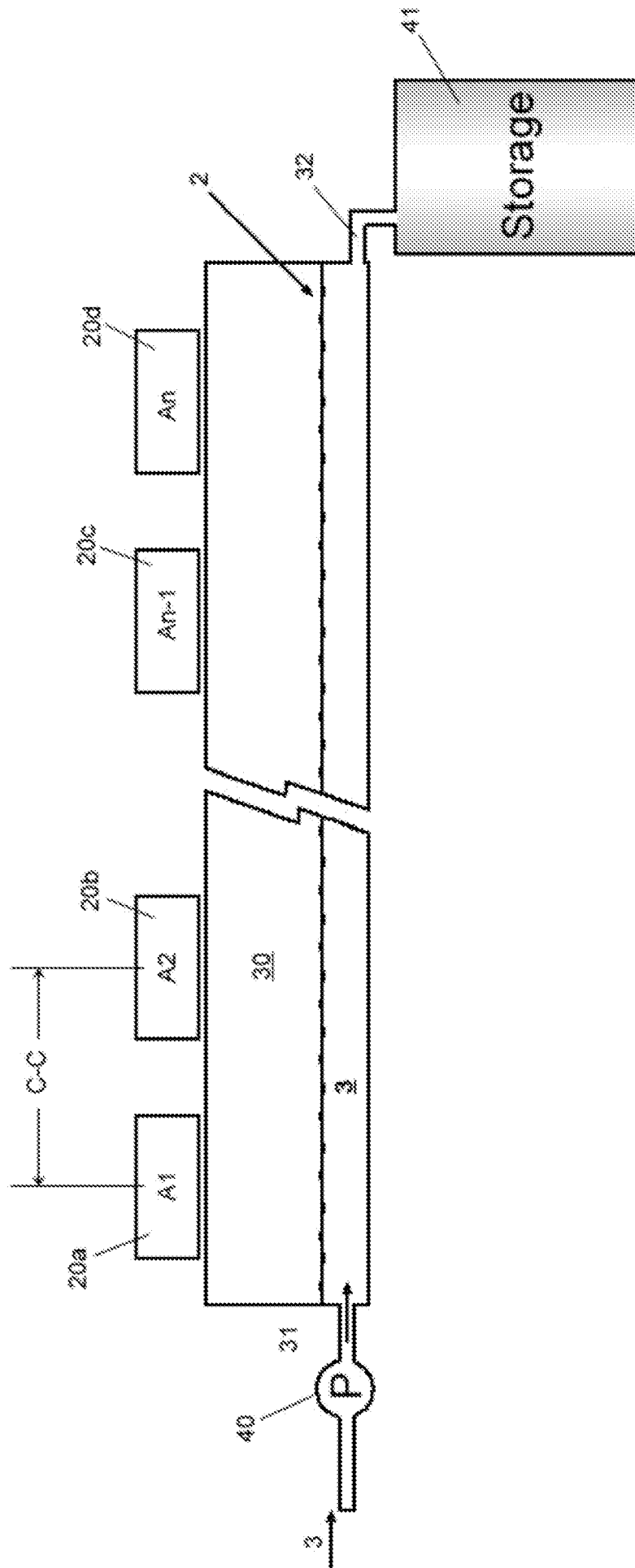


Figure 6

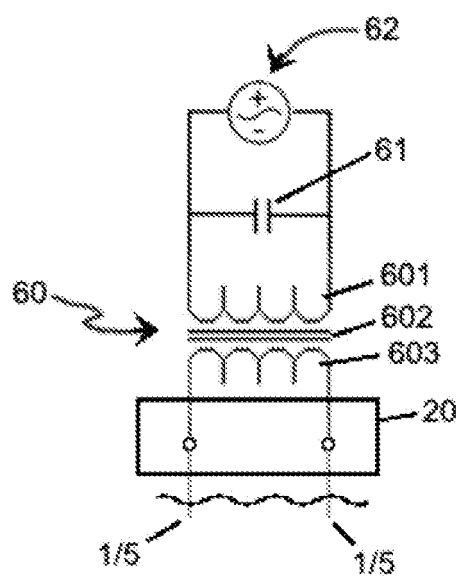


Figure 7a

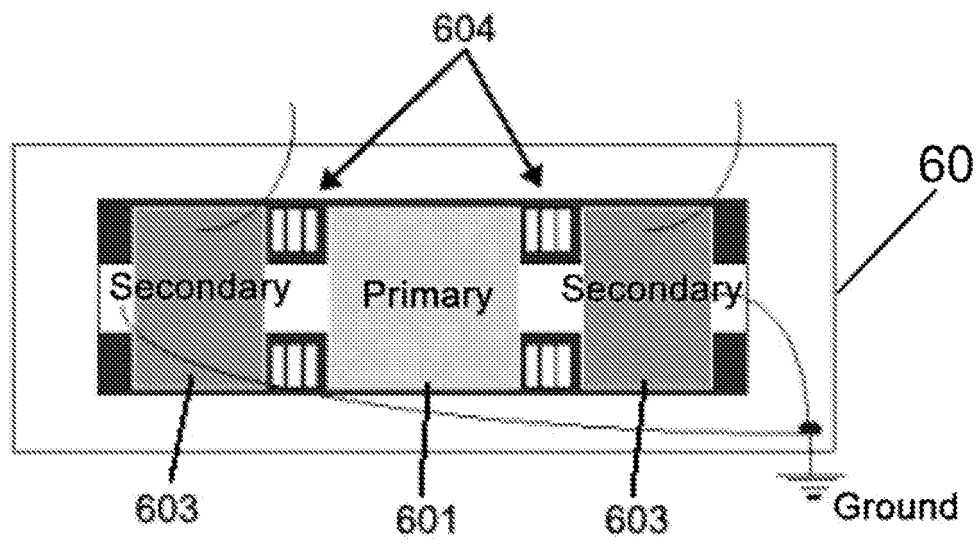


Figure 7b

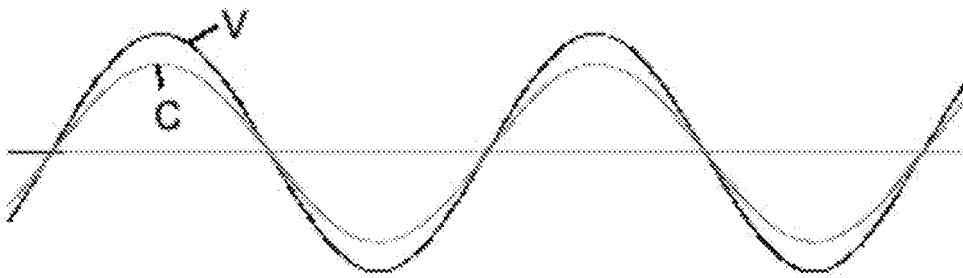


Figure 7c

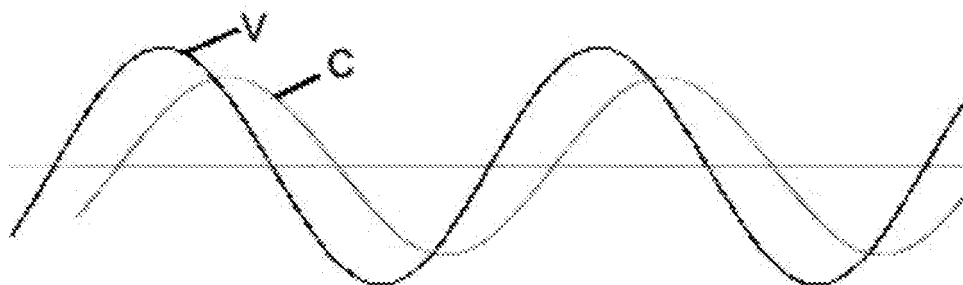


Figure 7d

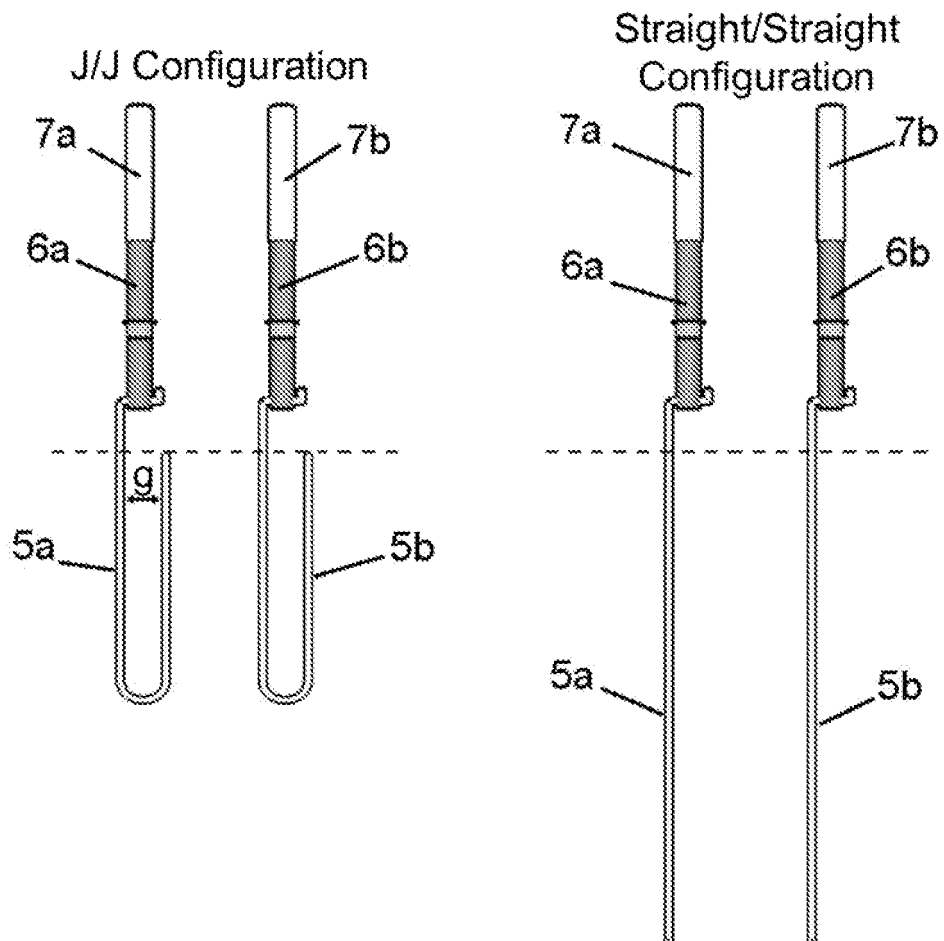


Figure 8a

Figure 8b

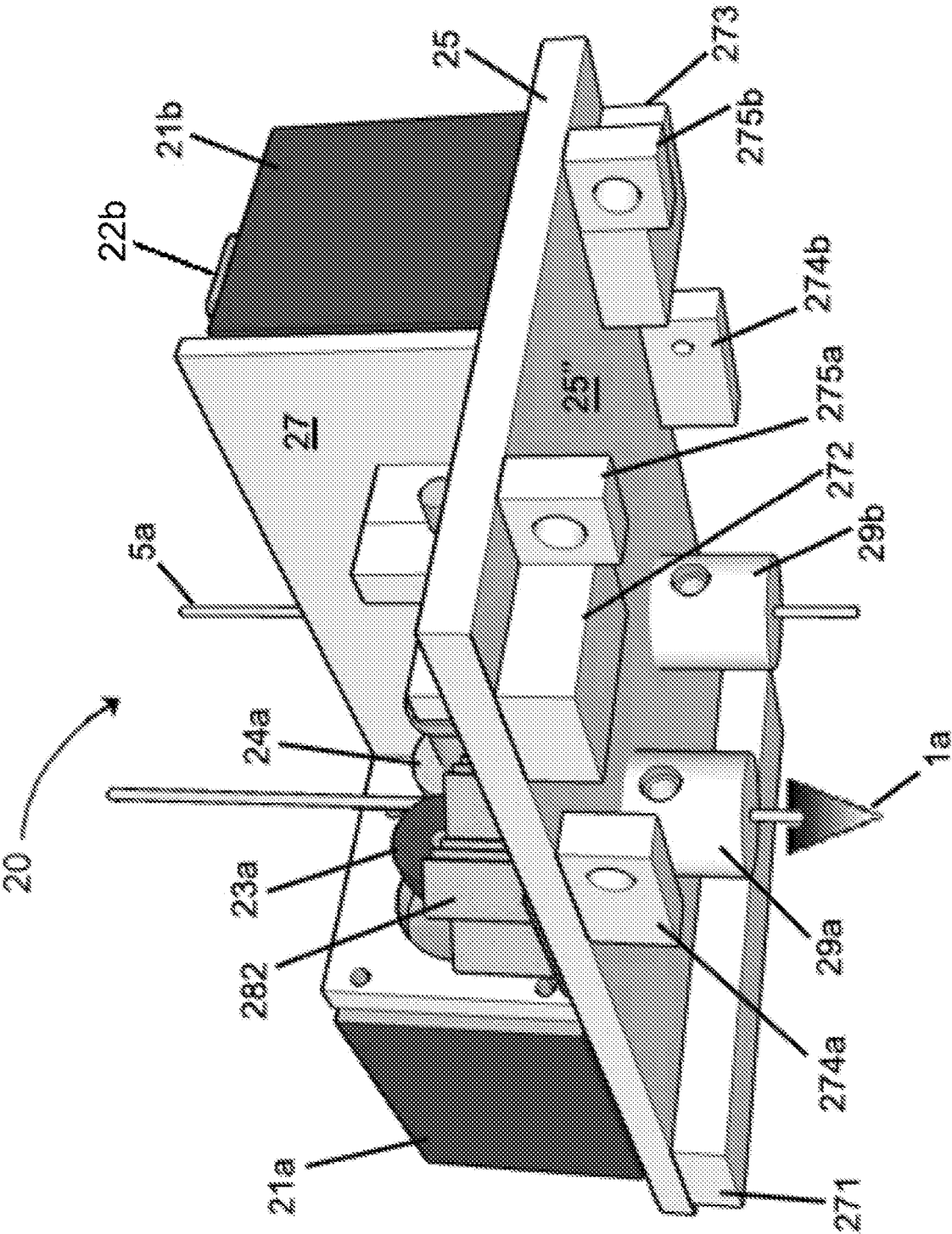


Figure 8c

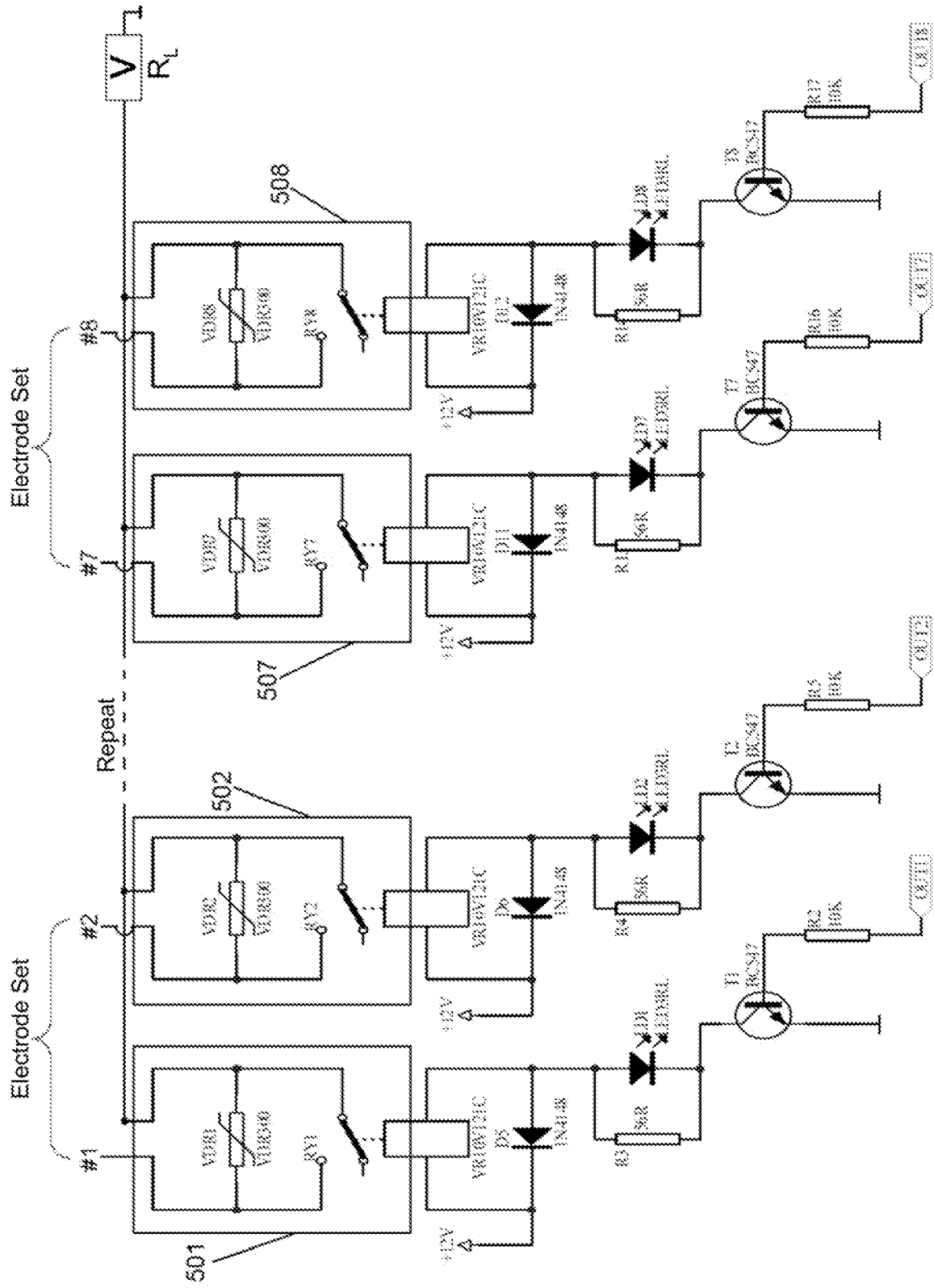


Figure 8d

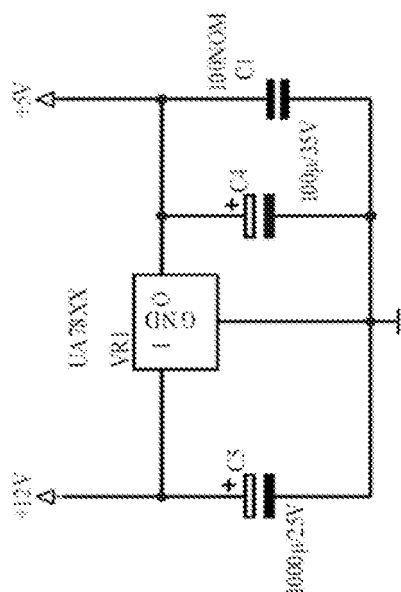


Figure 8e

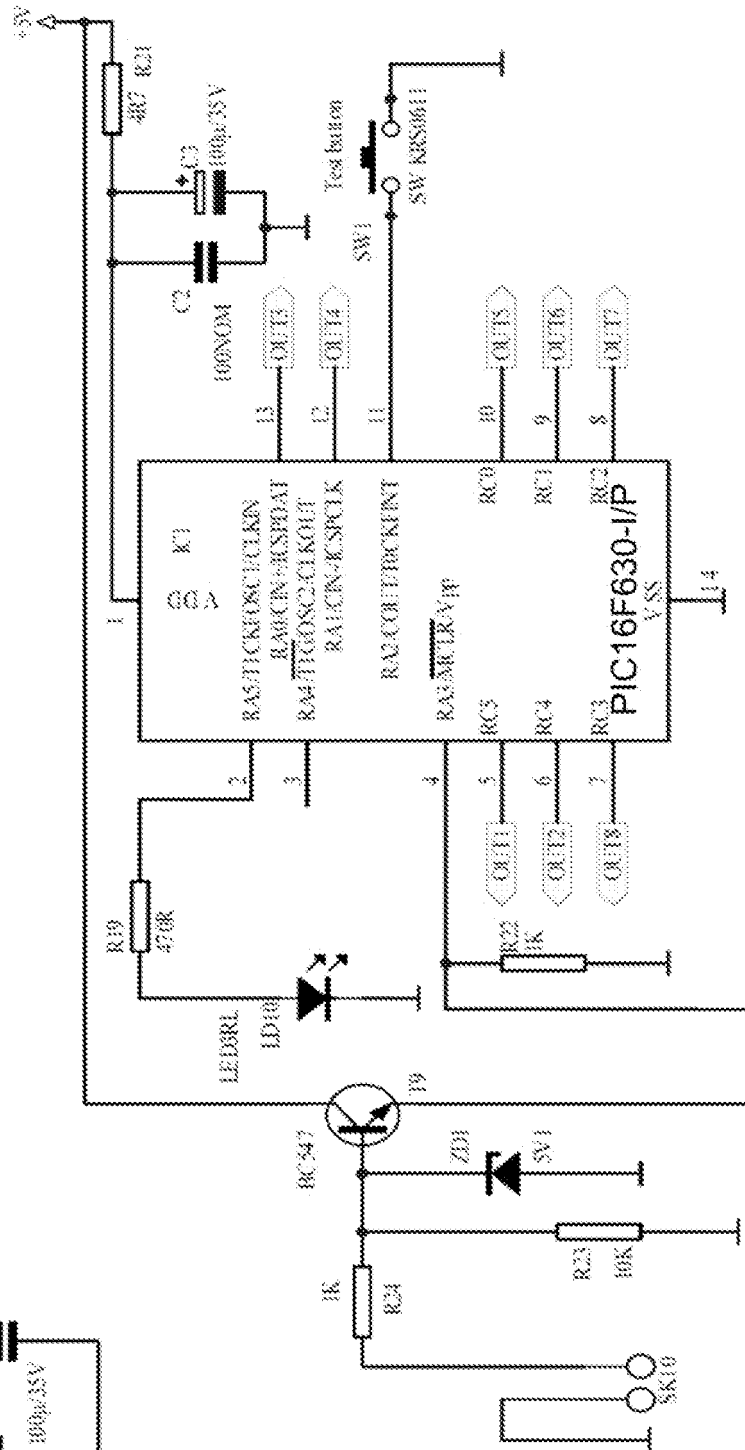


Figure 8f

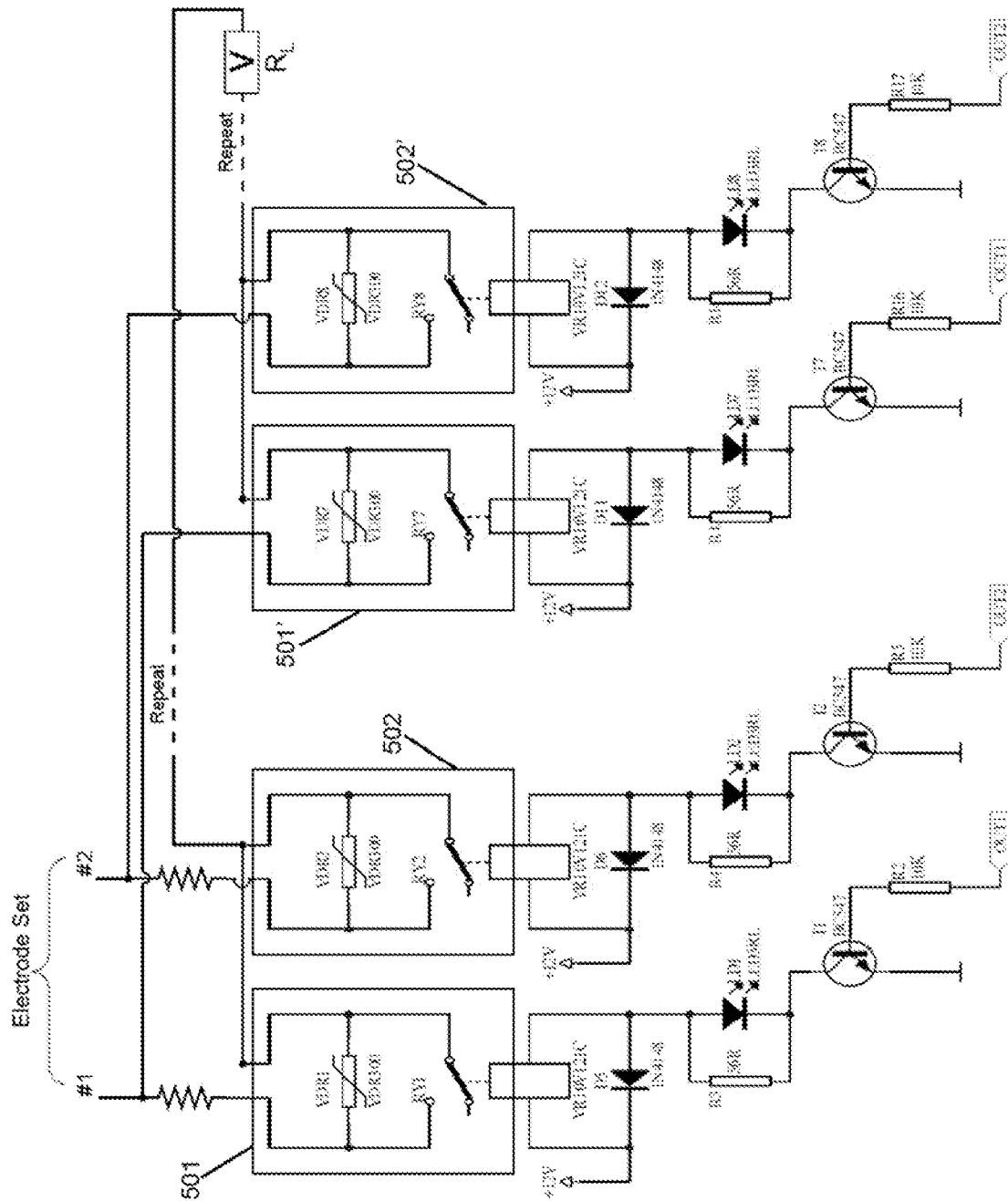
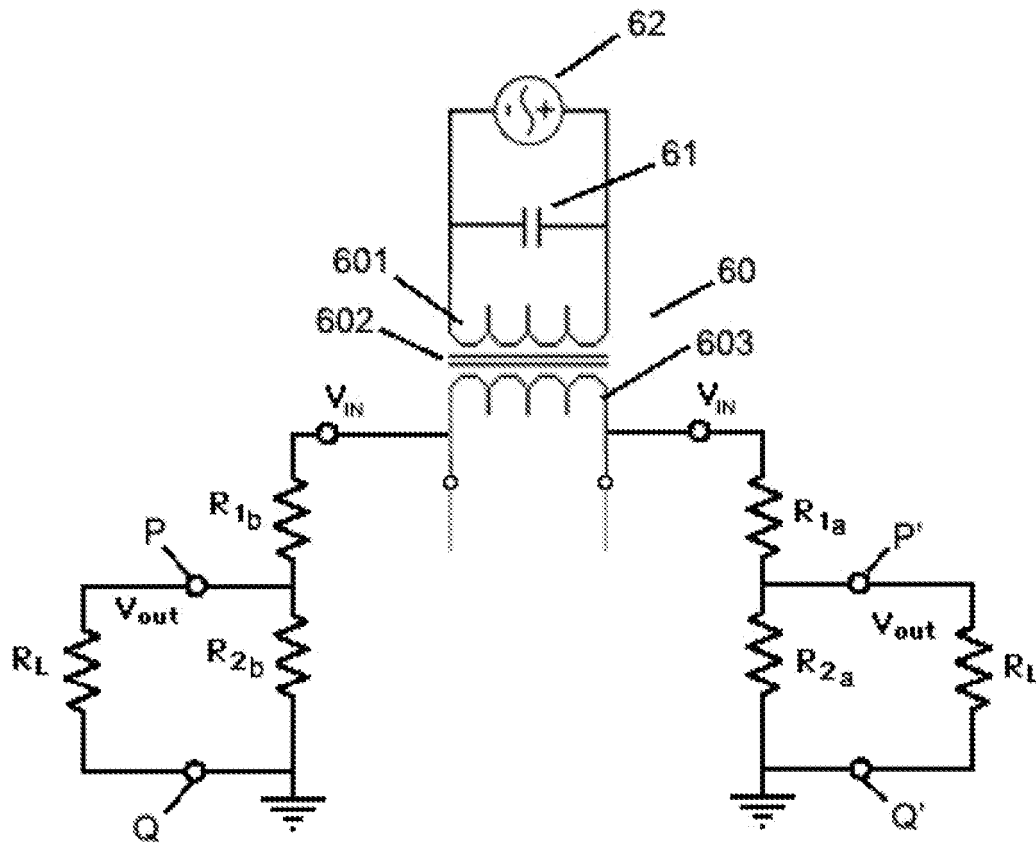


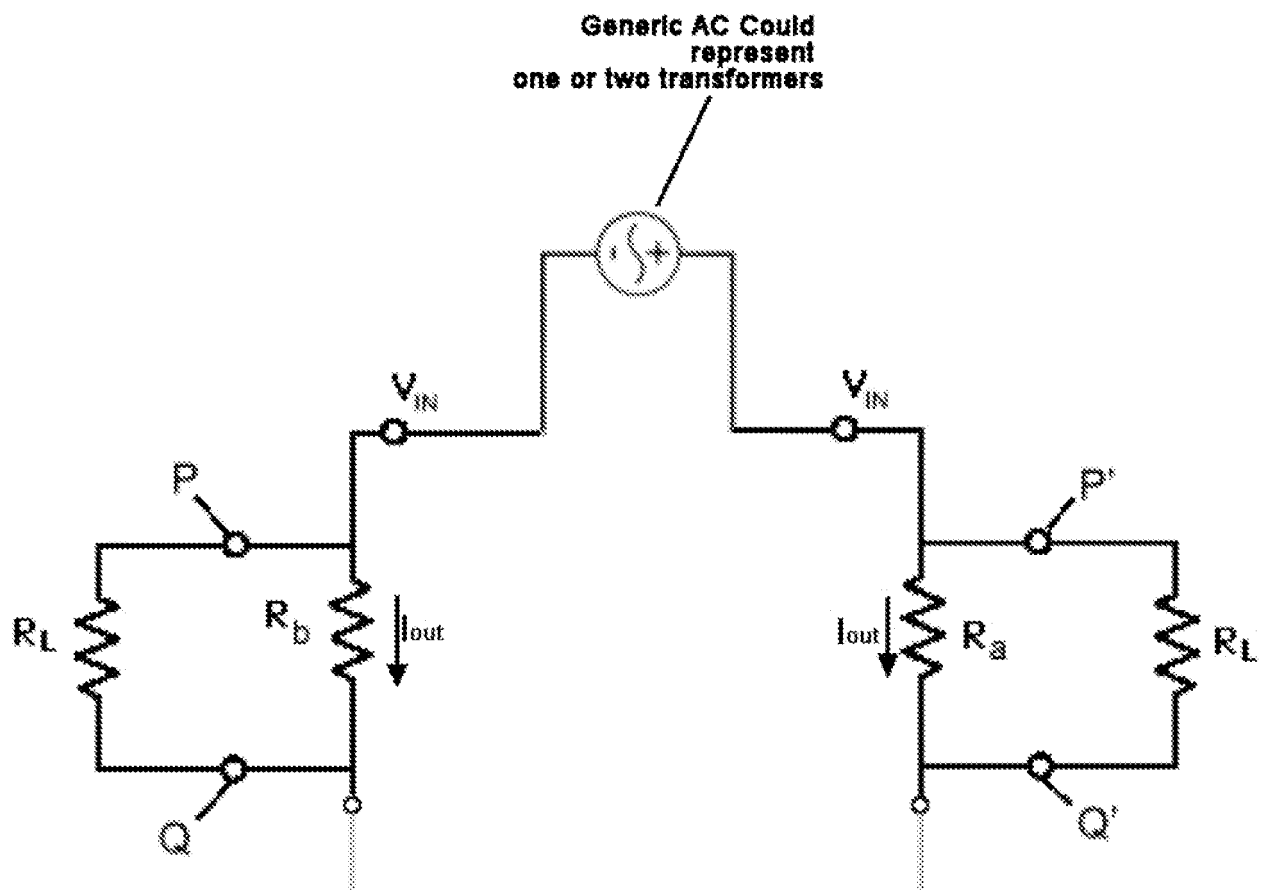
Figure 8g



$$V_{out} = \frac{V_1 (R_2 || R_L)}{(R_1 + R_2 || R_L)}$$

$R_L = 10\text{M Ohm}$ input impedance of Multimeter

Figure 8h



$$I_{out} = \frac{V_{out}}{(R || R_L)}$$

$R_L \approx 10\text{M Ohm}$ input impedance of Multimeter

Figure 8i

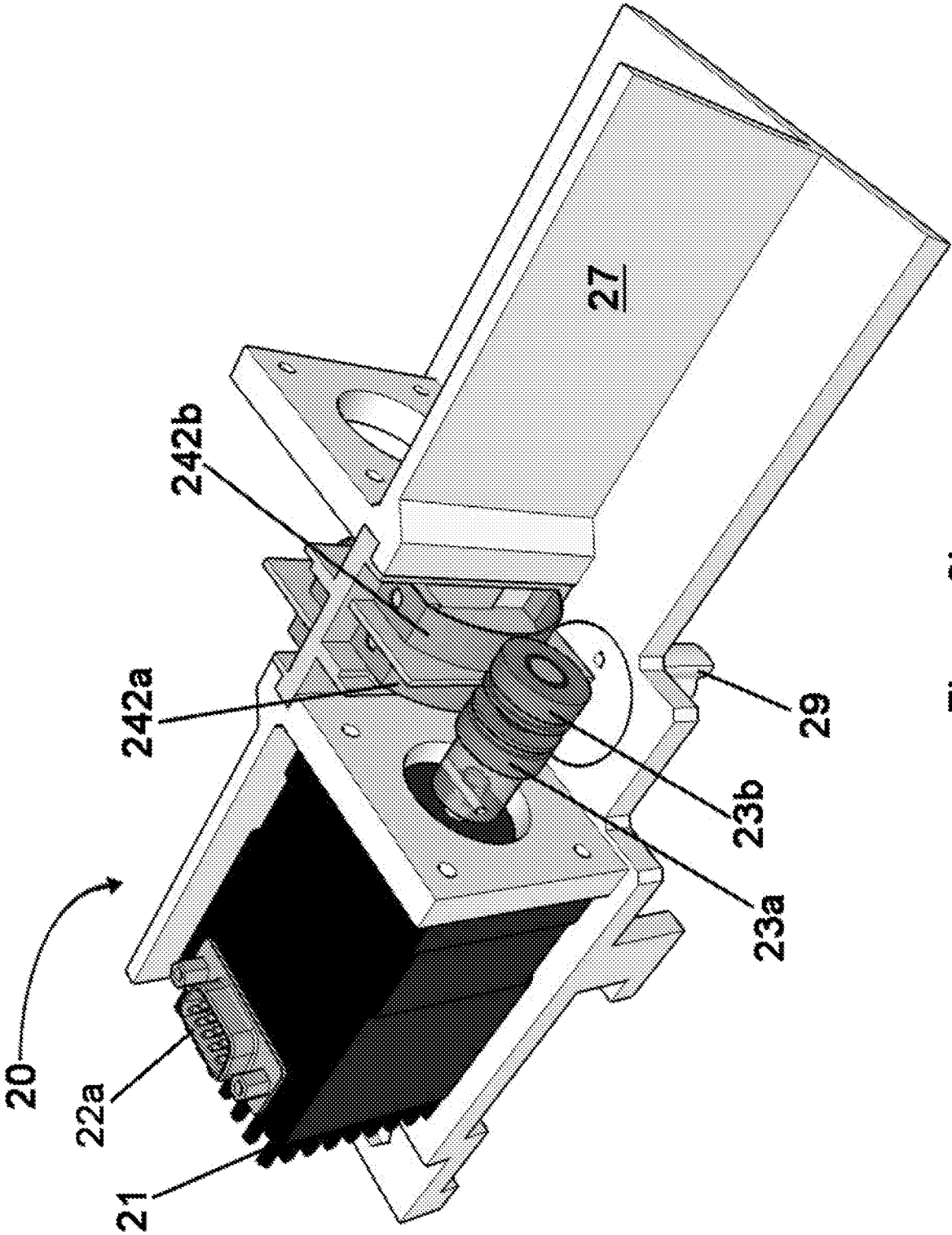


Figure 8j

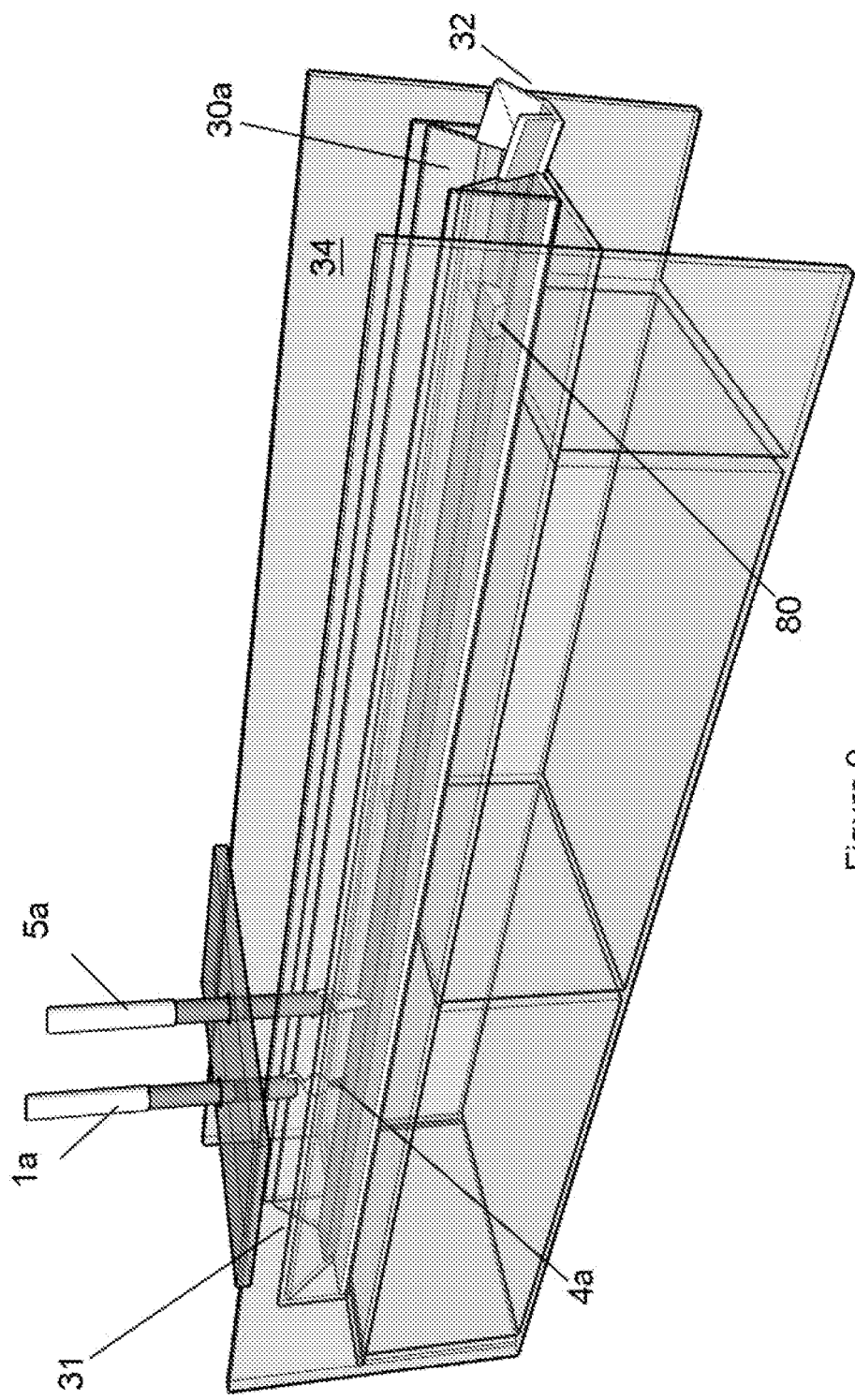


Figure 9

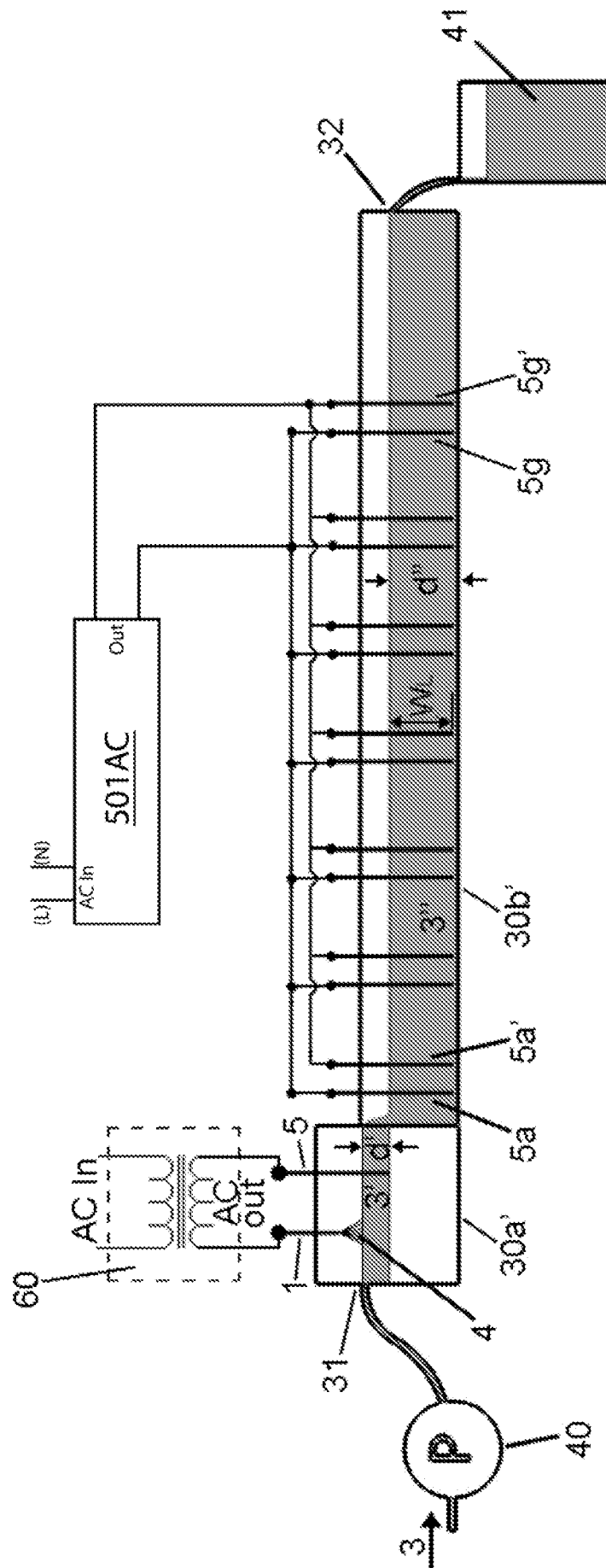


Figure 10a

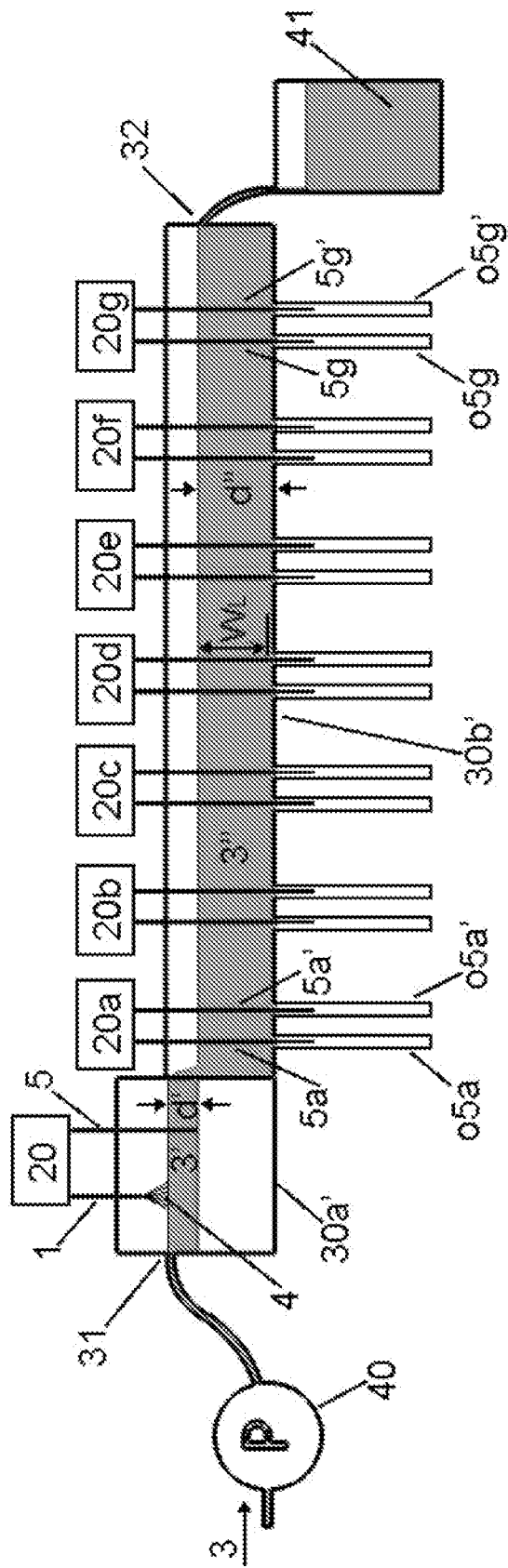


Figure 10b

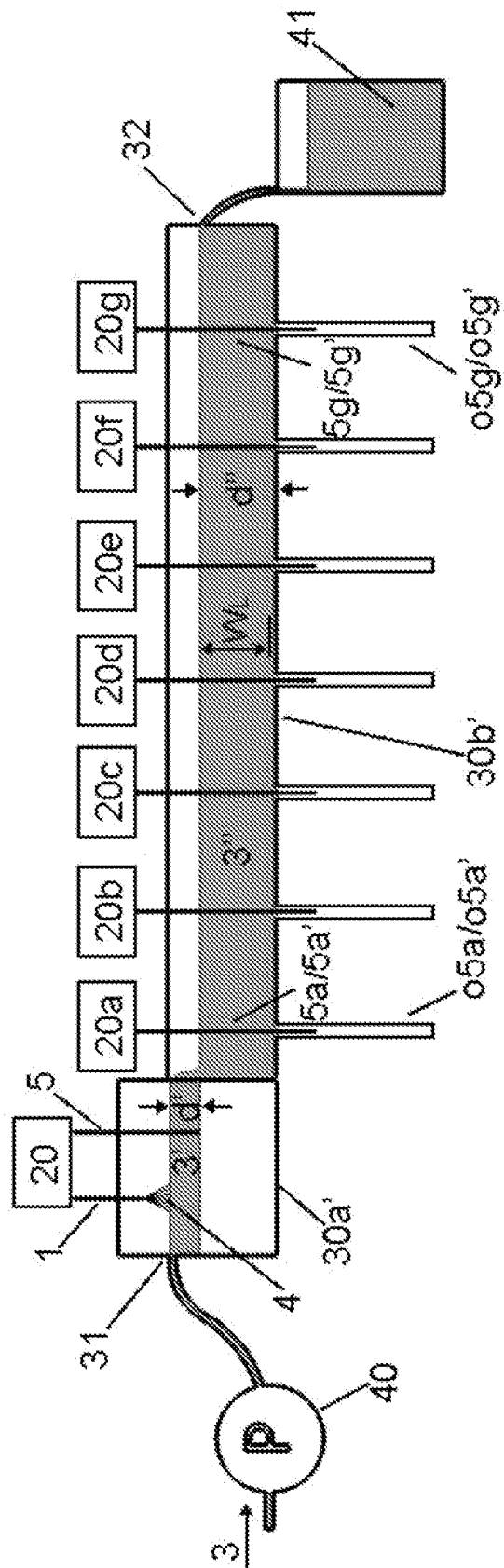


Figure 10c

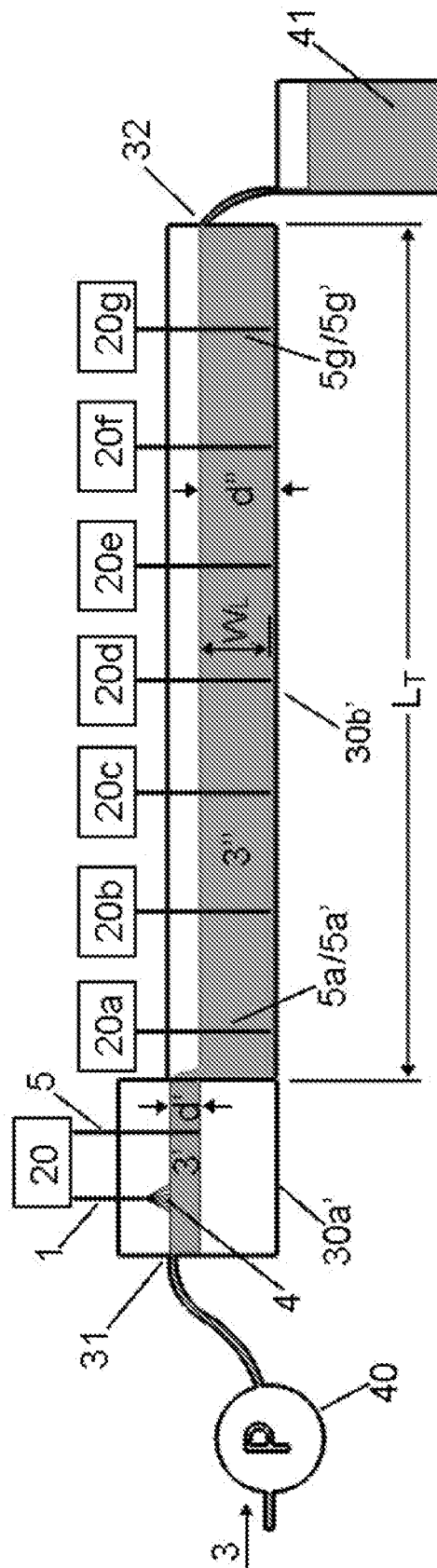


Figure 10d

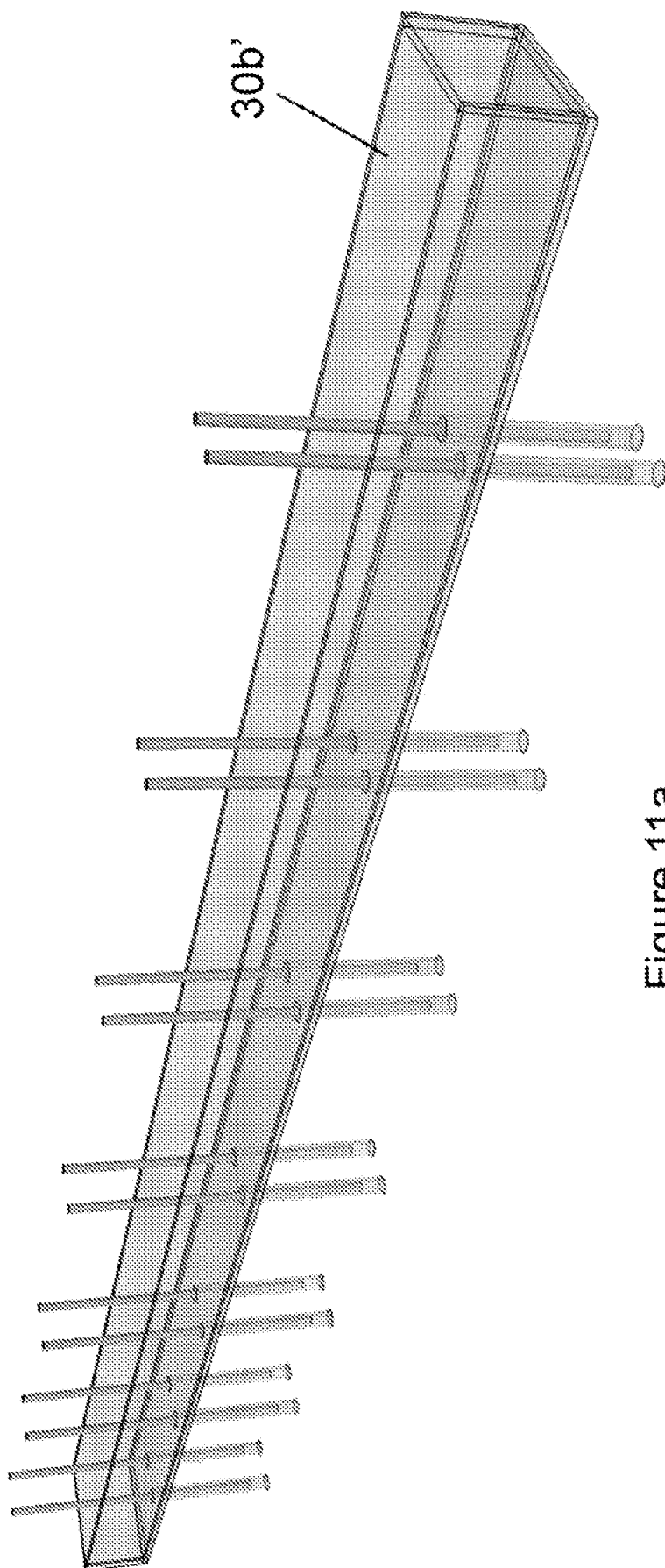


Figure 11a

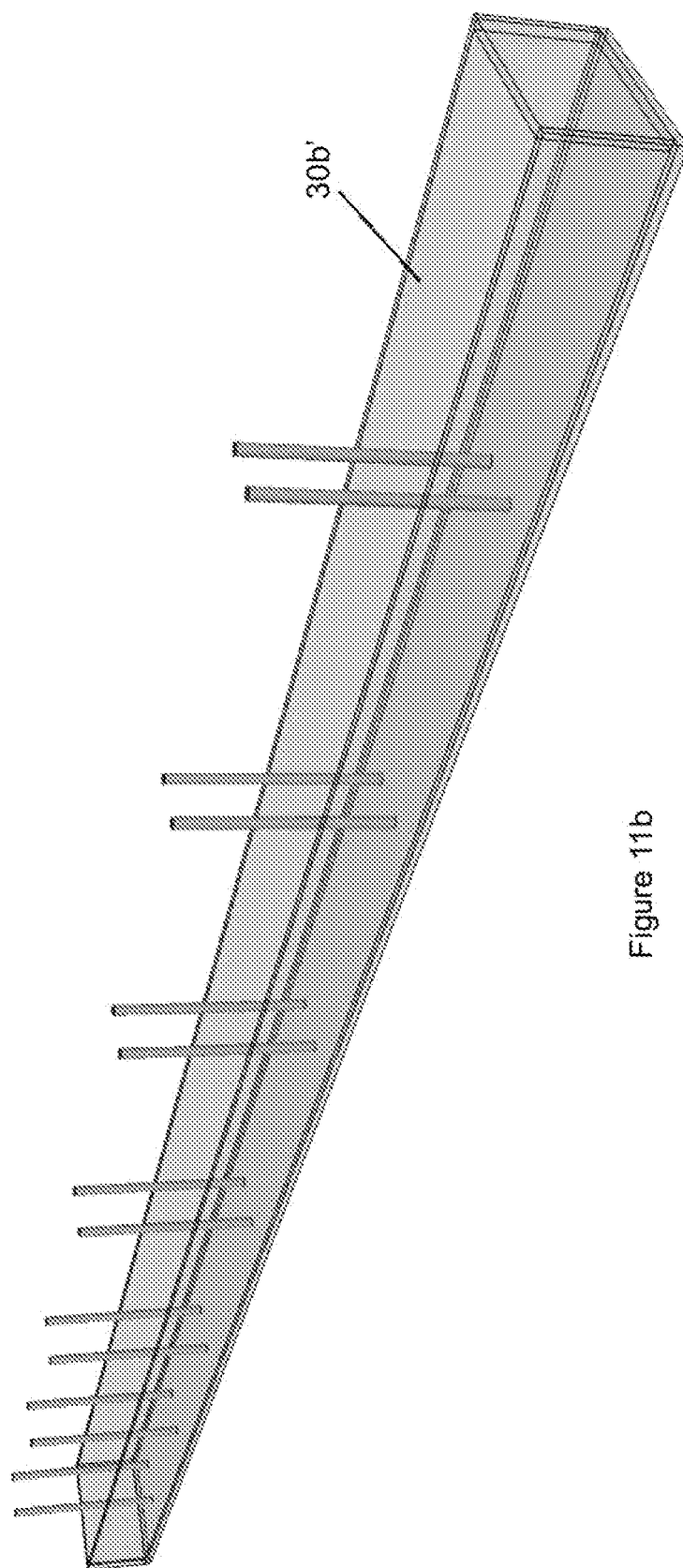


Figure 11b

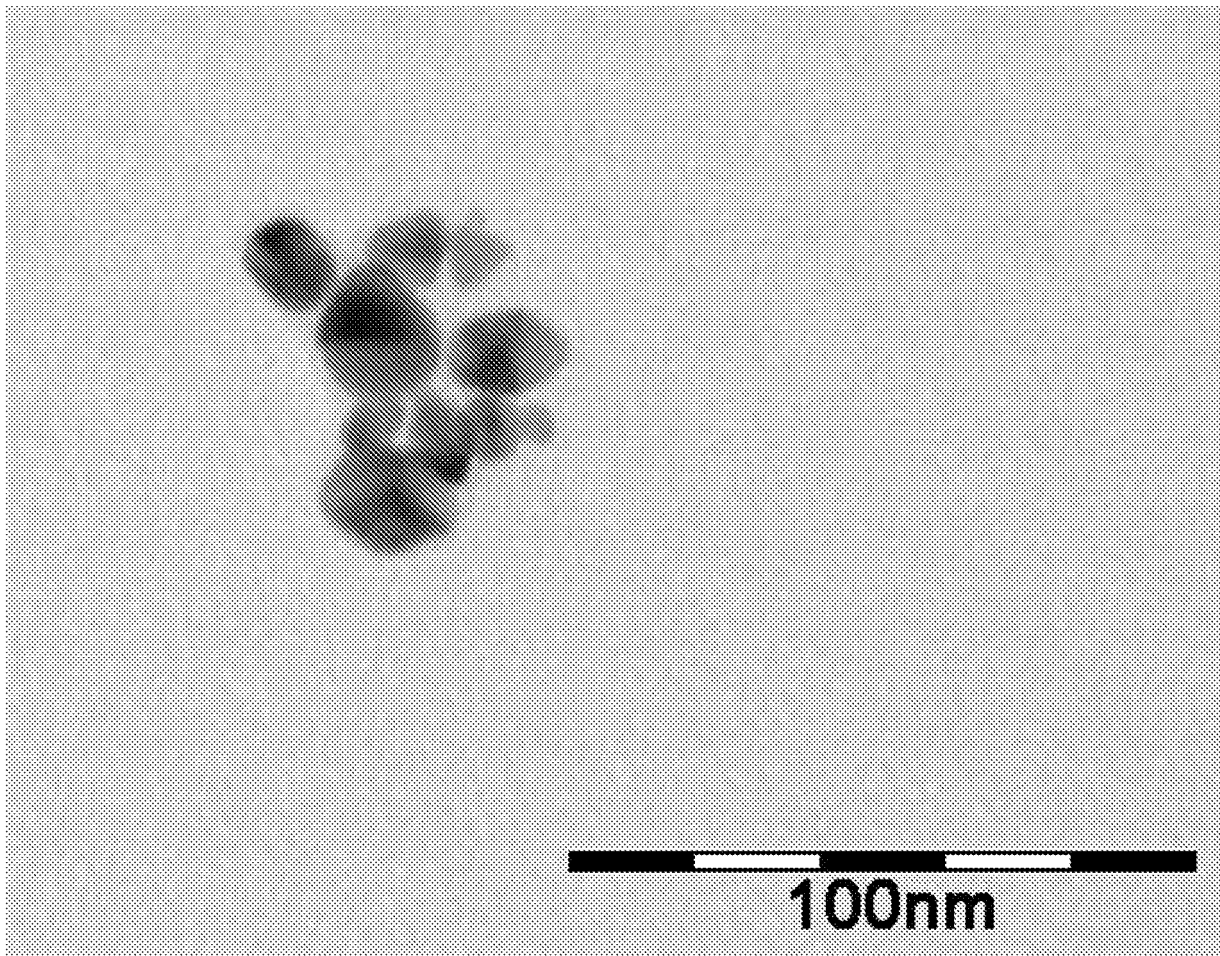


Figure 11c

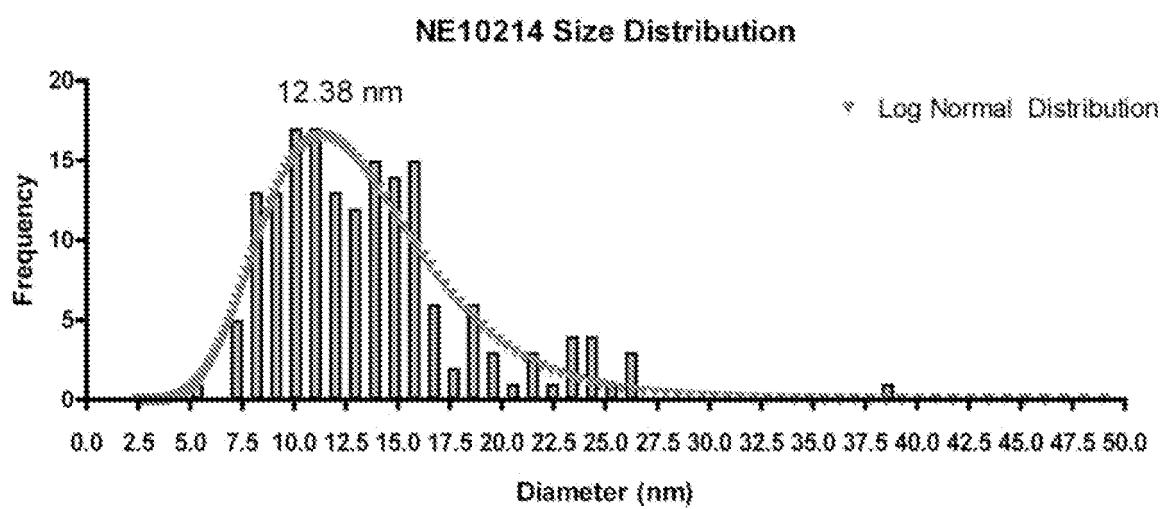


Figure 11d

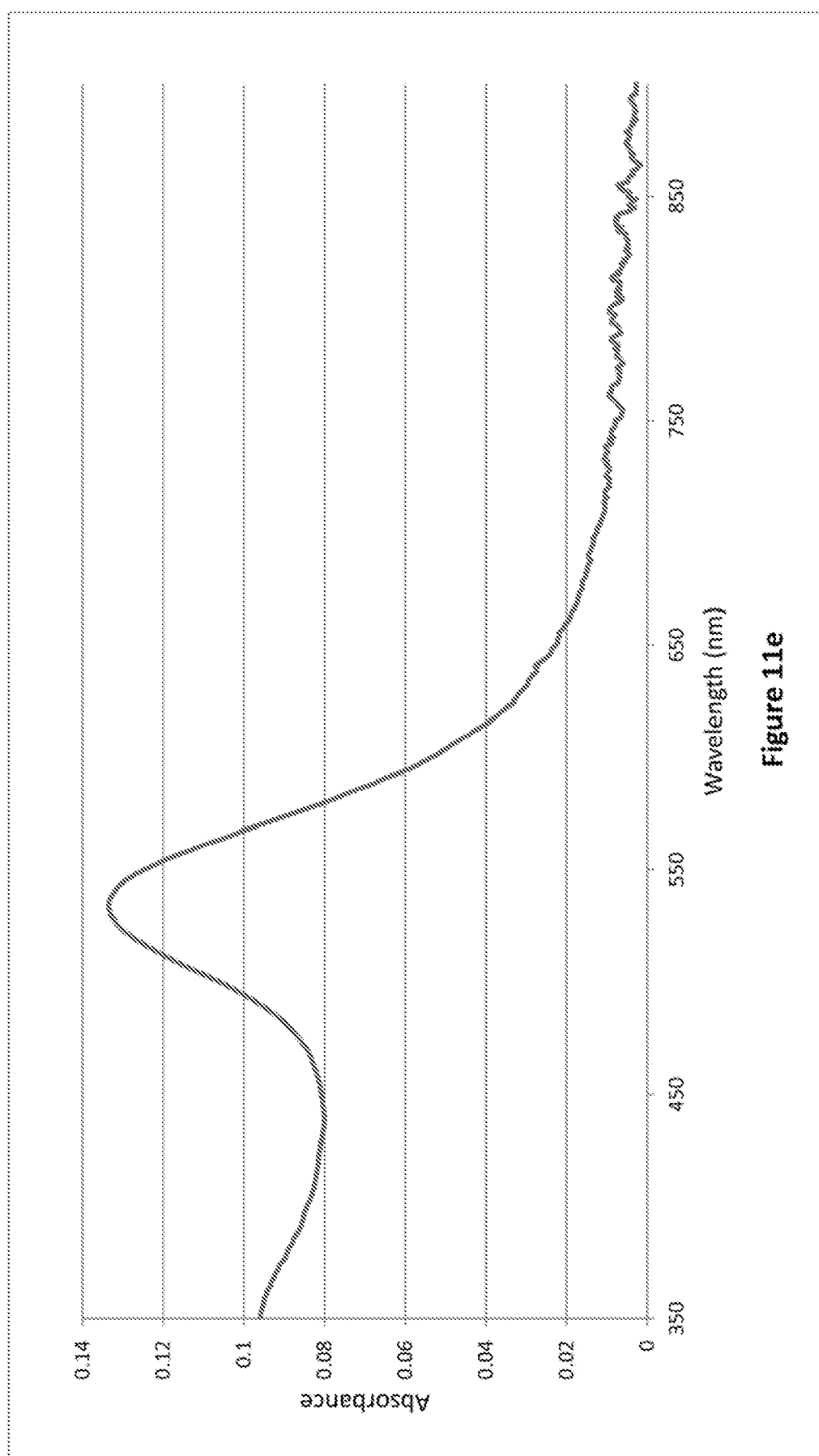


Figure 11e

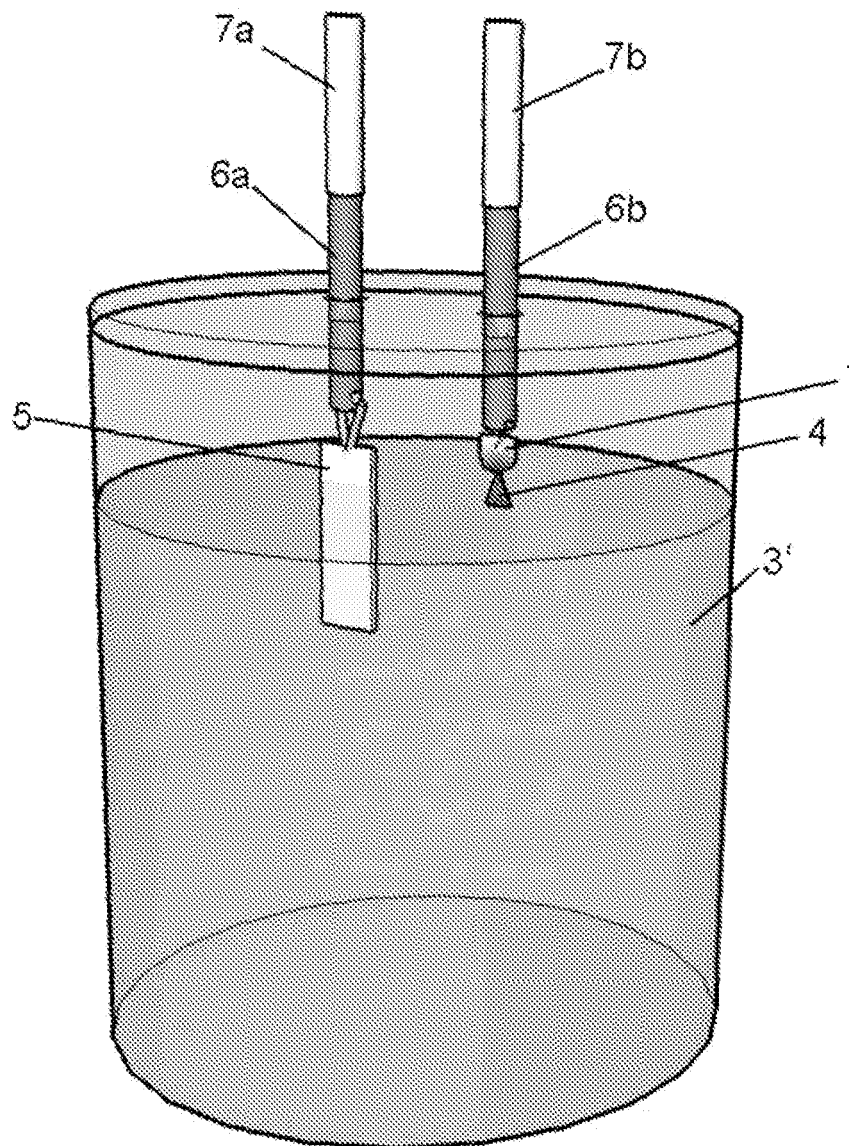


Figure 12a

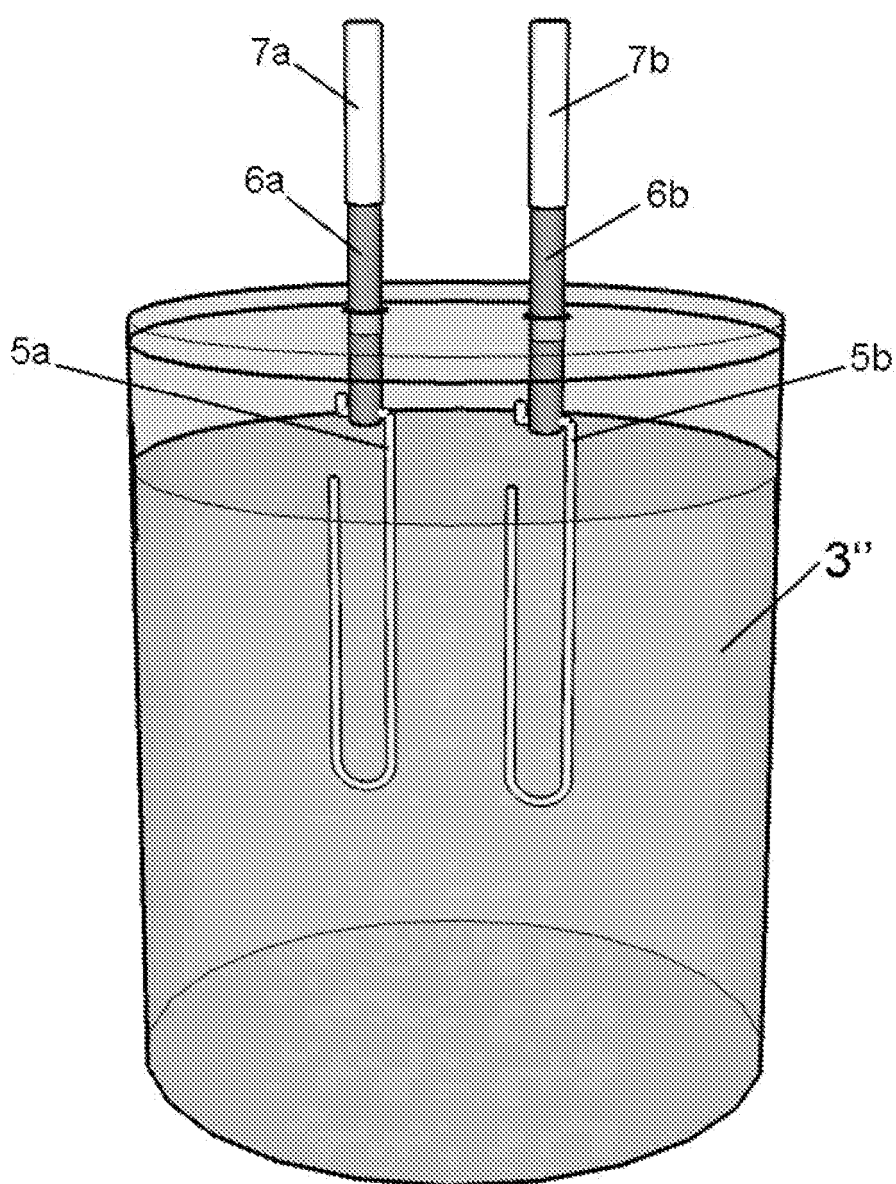
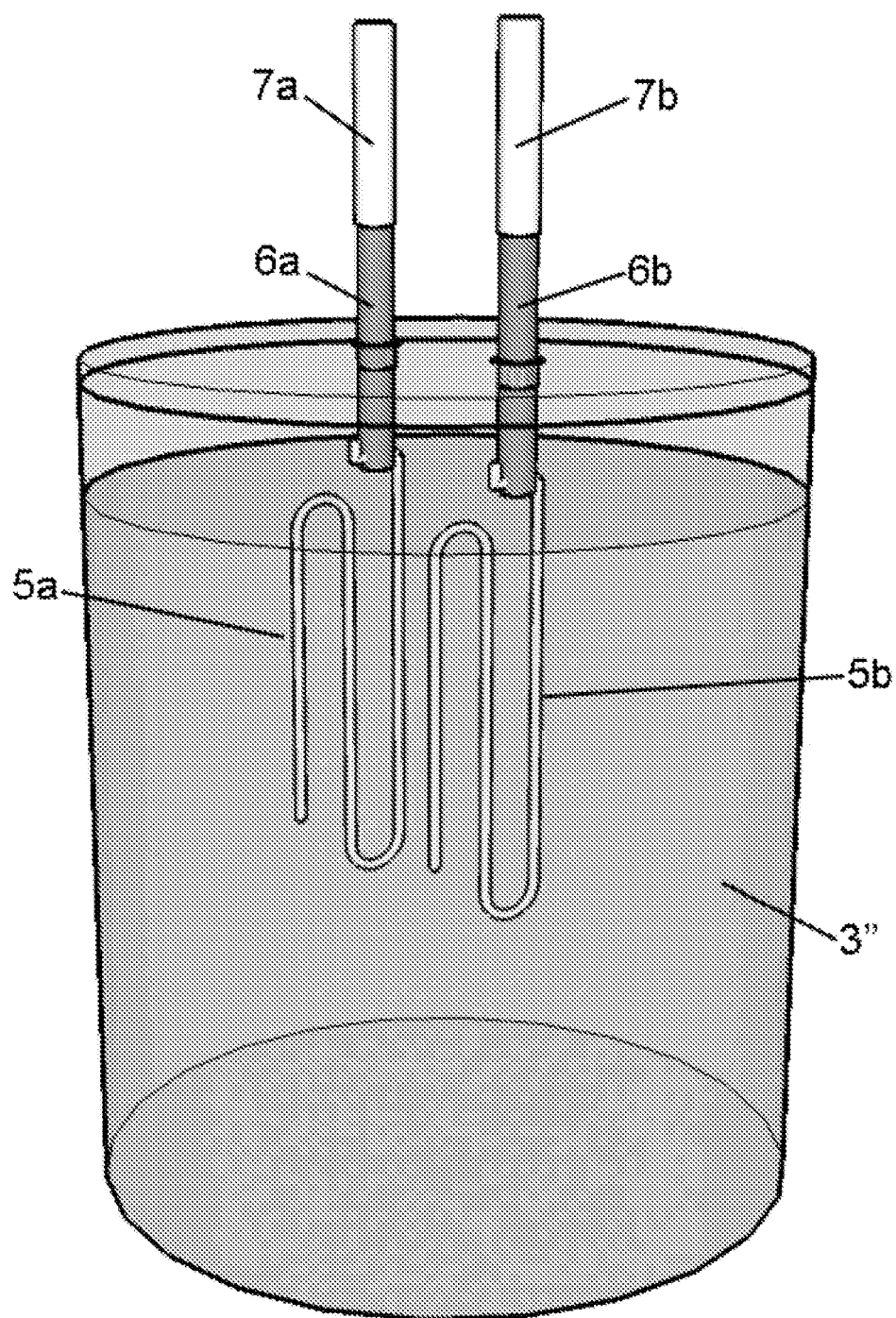


Figure 12b

**Figure 12d**

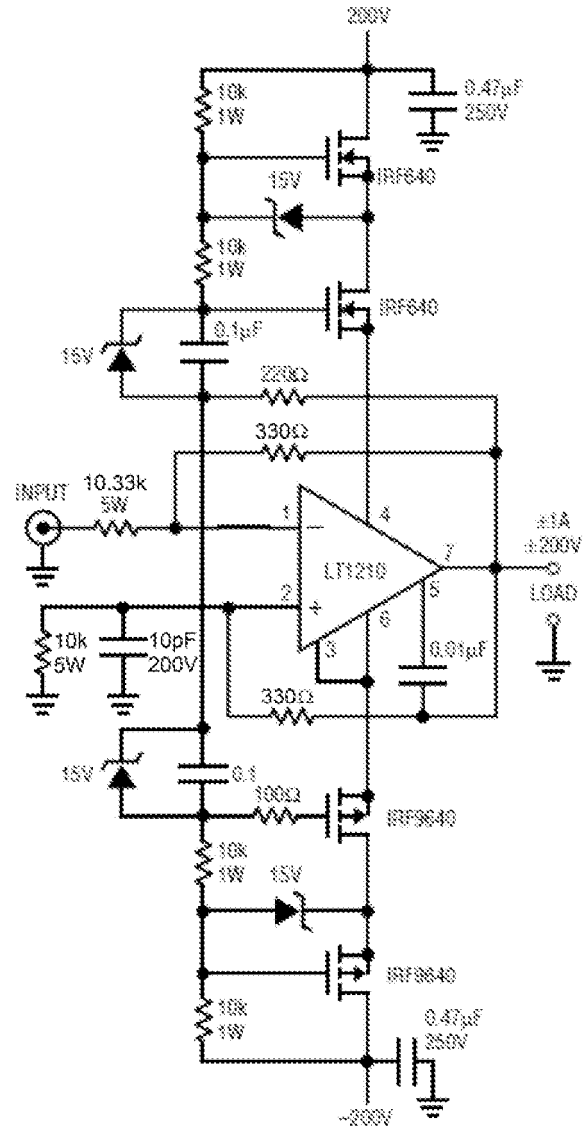


Figure 12f

111710-9

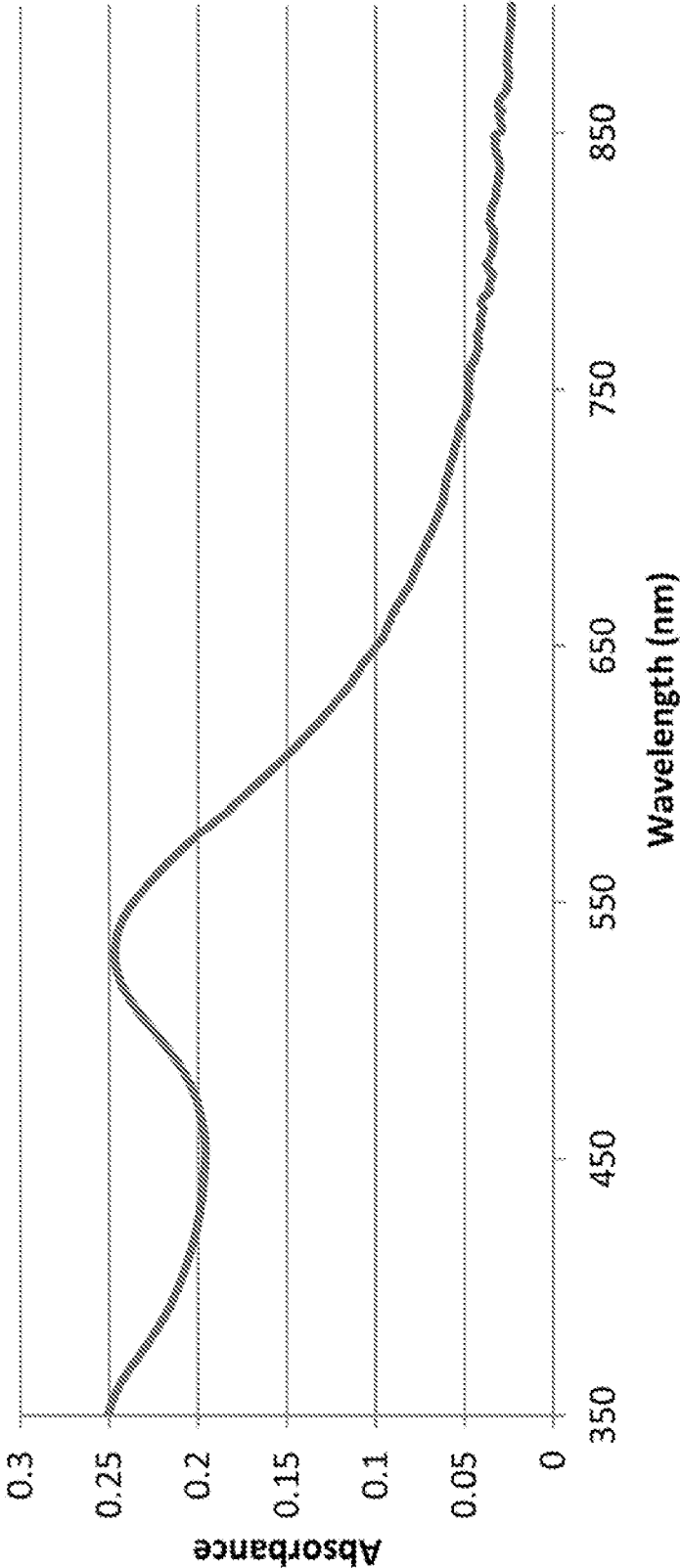
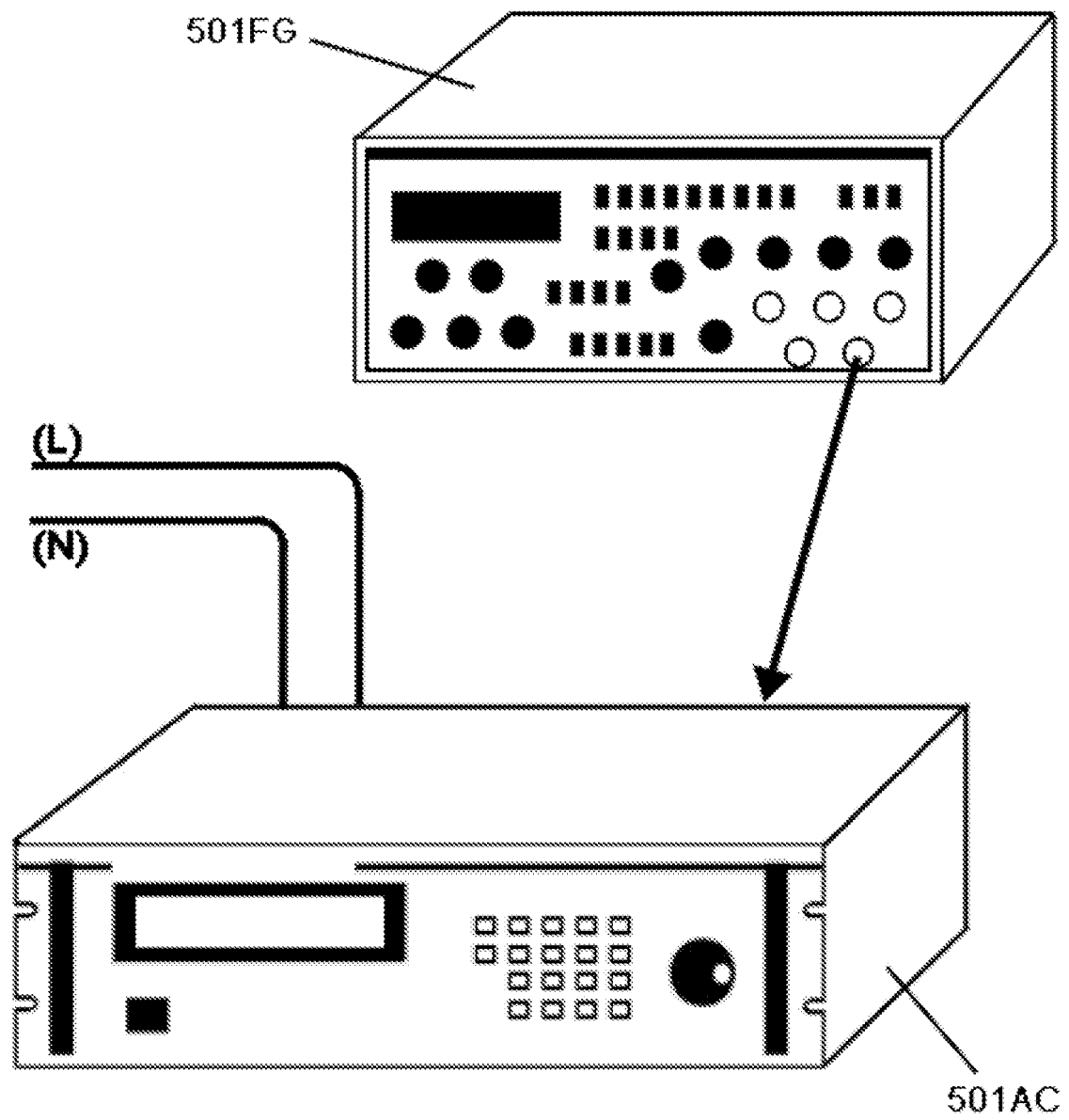


Figure 12g

**Figure 13**

GRPt-621
KBr

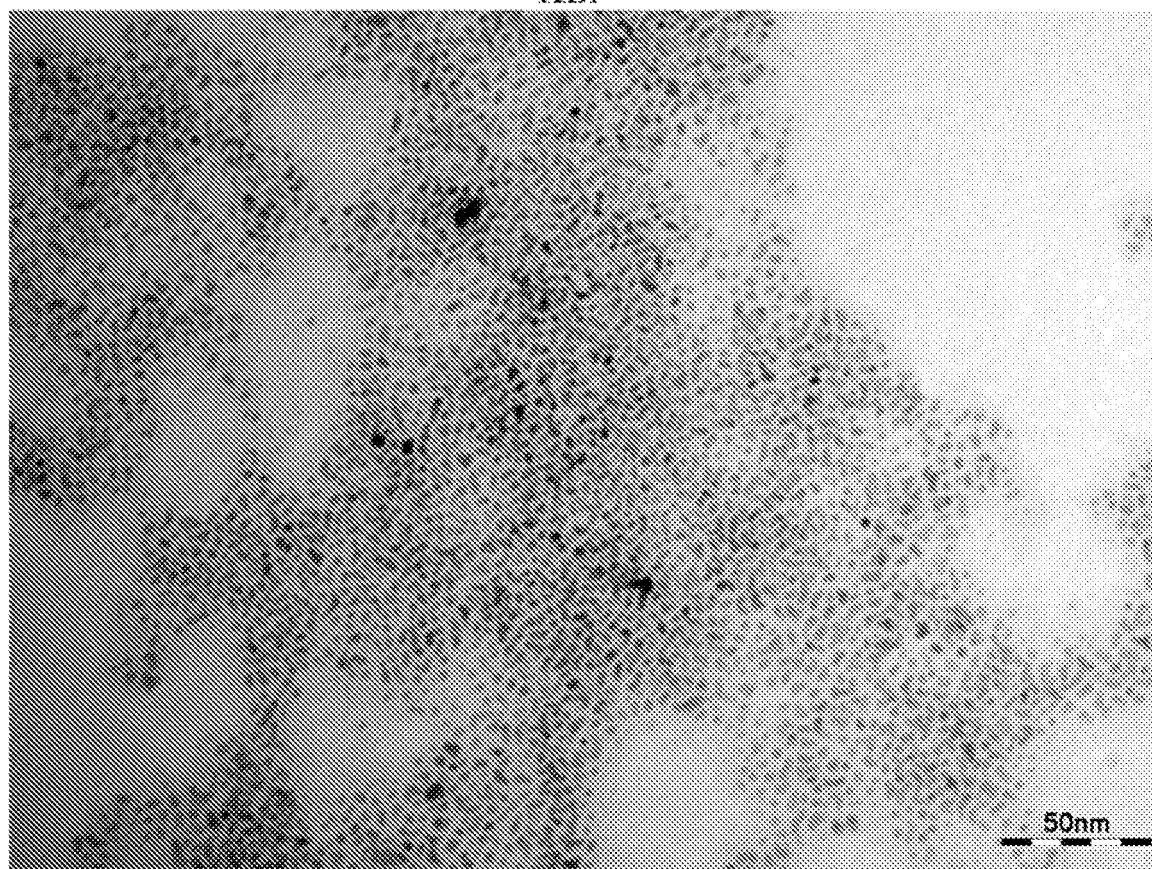


Figure 14

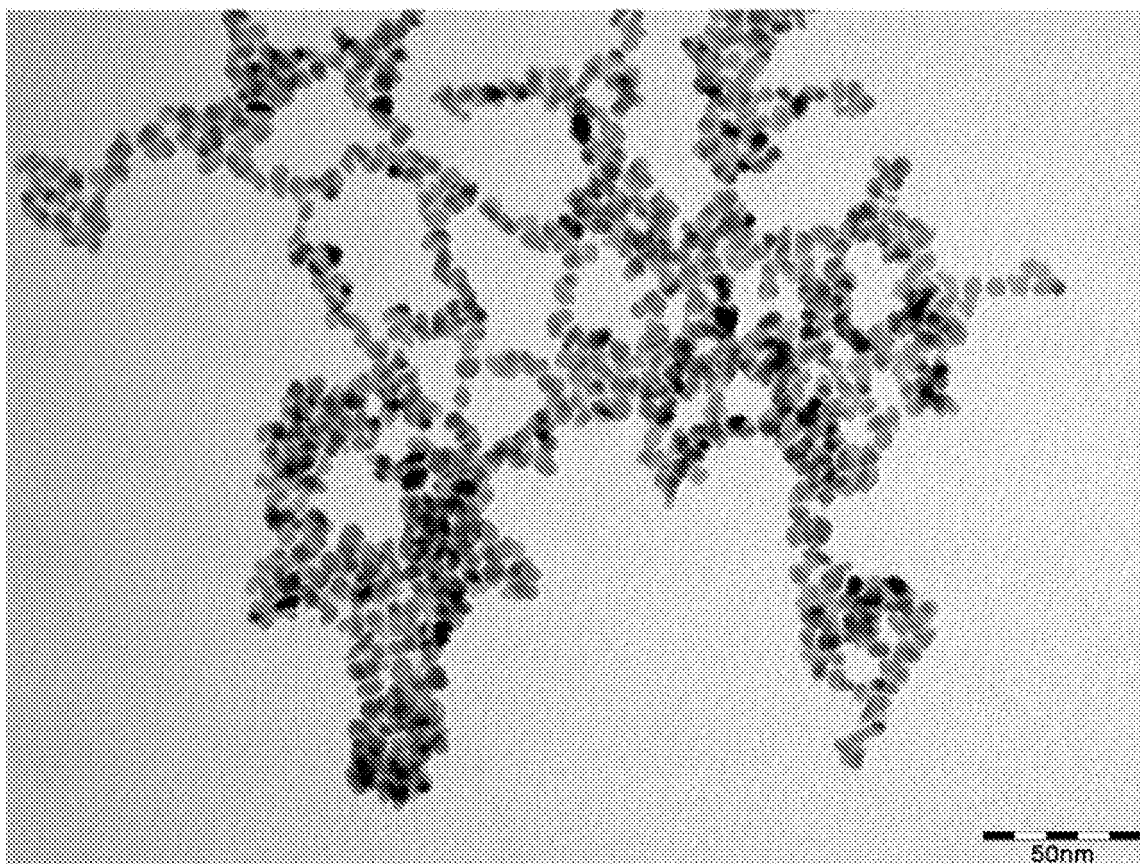


Figure 15a

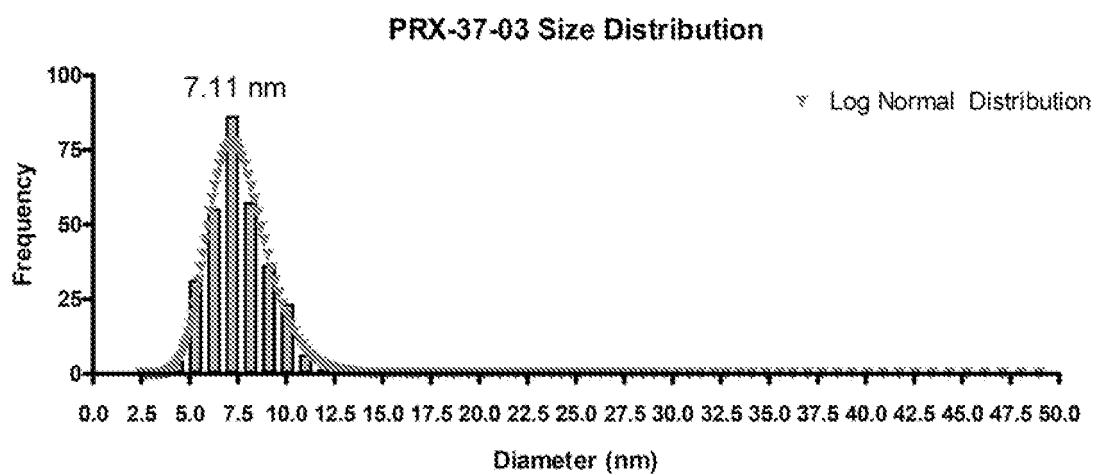


Figure 15b

PB-013

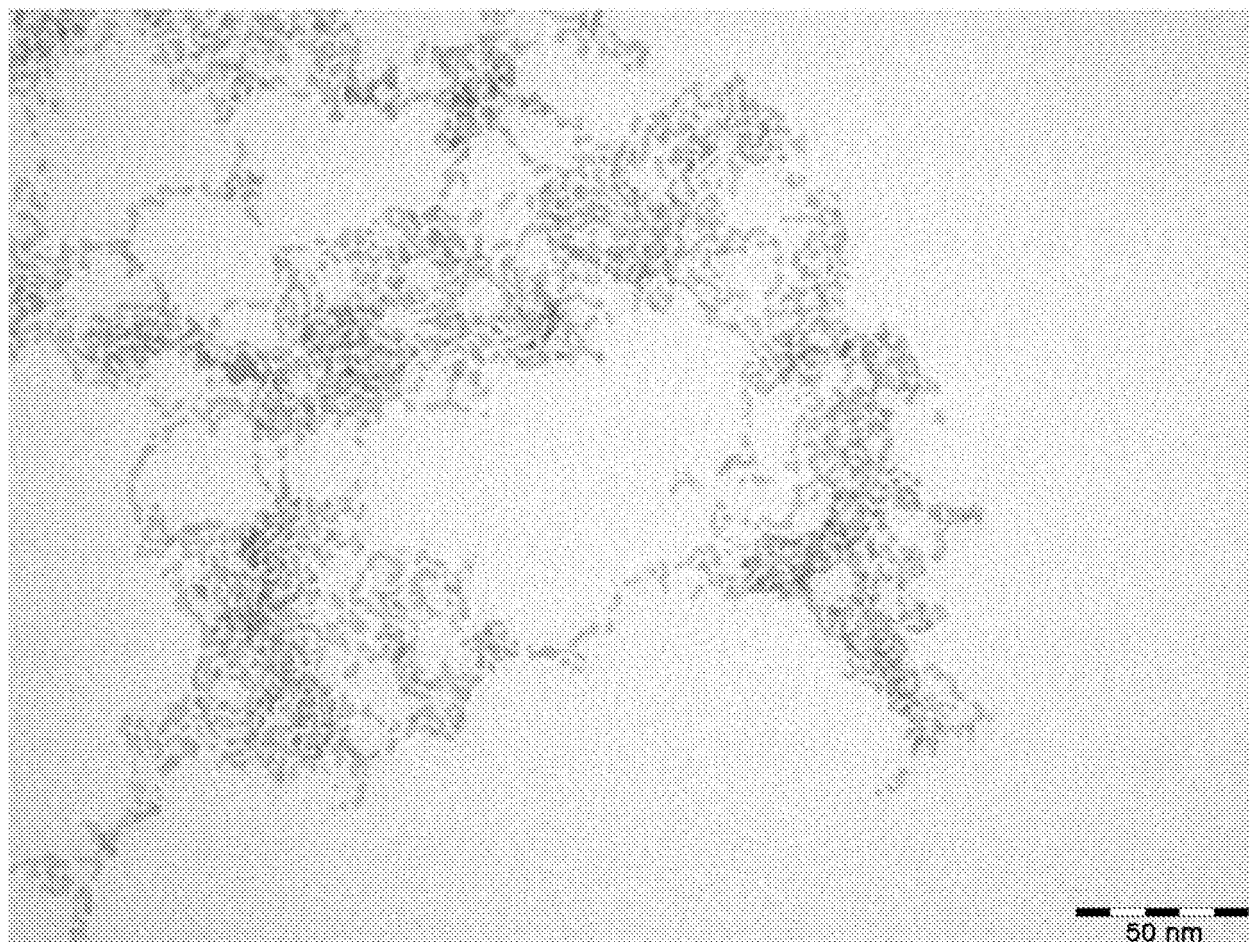


Figure 16

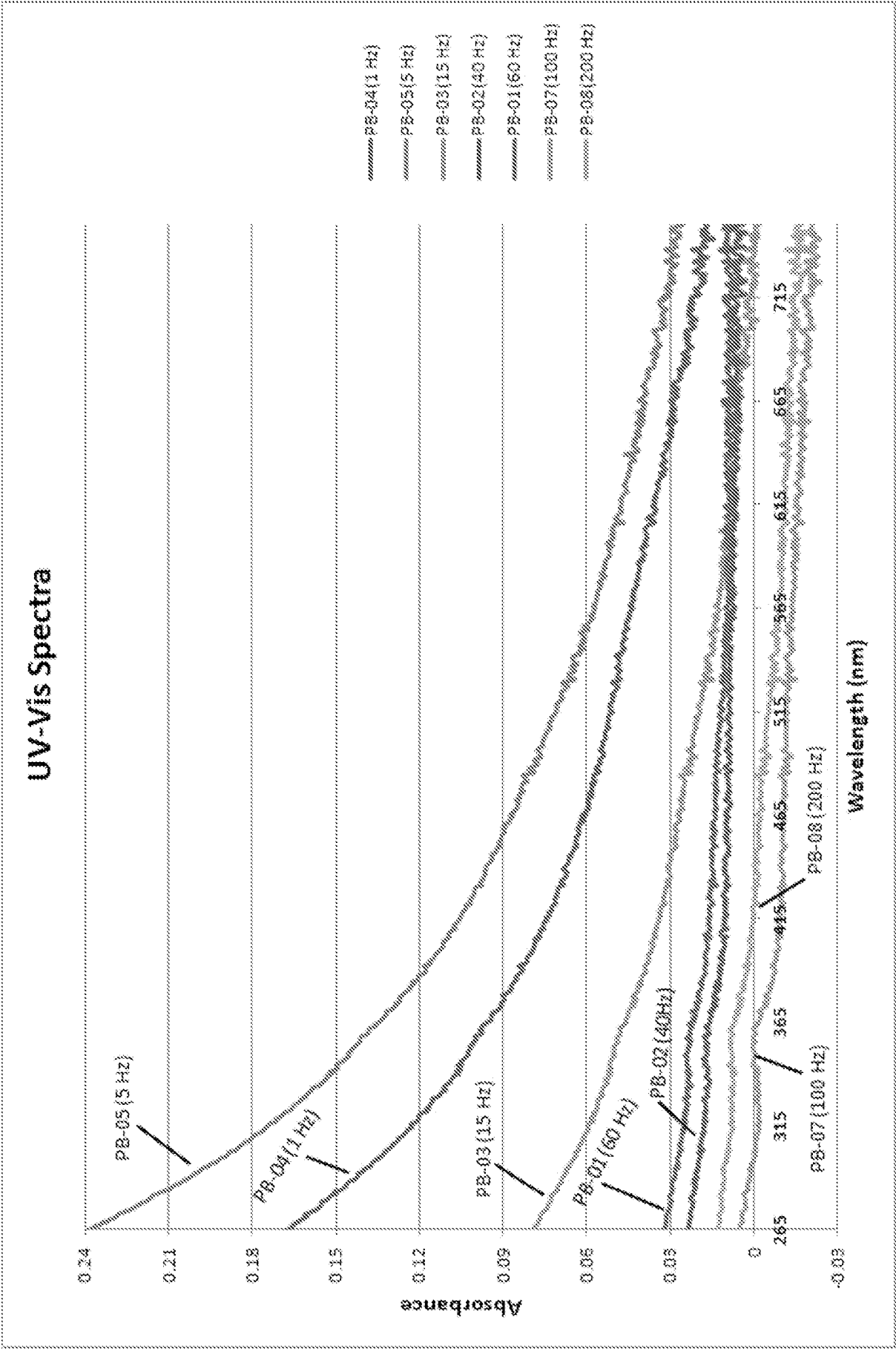


Figure 17

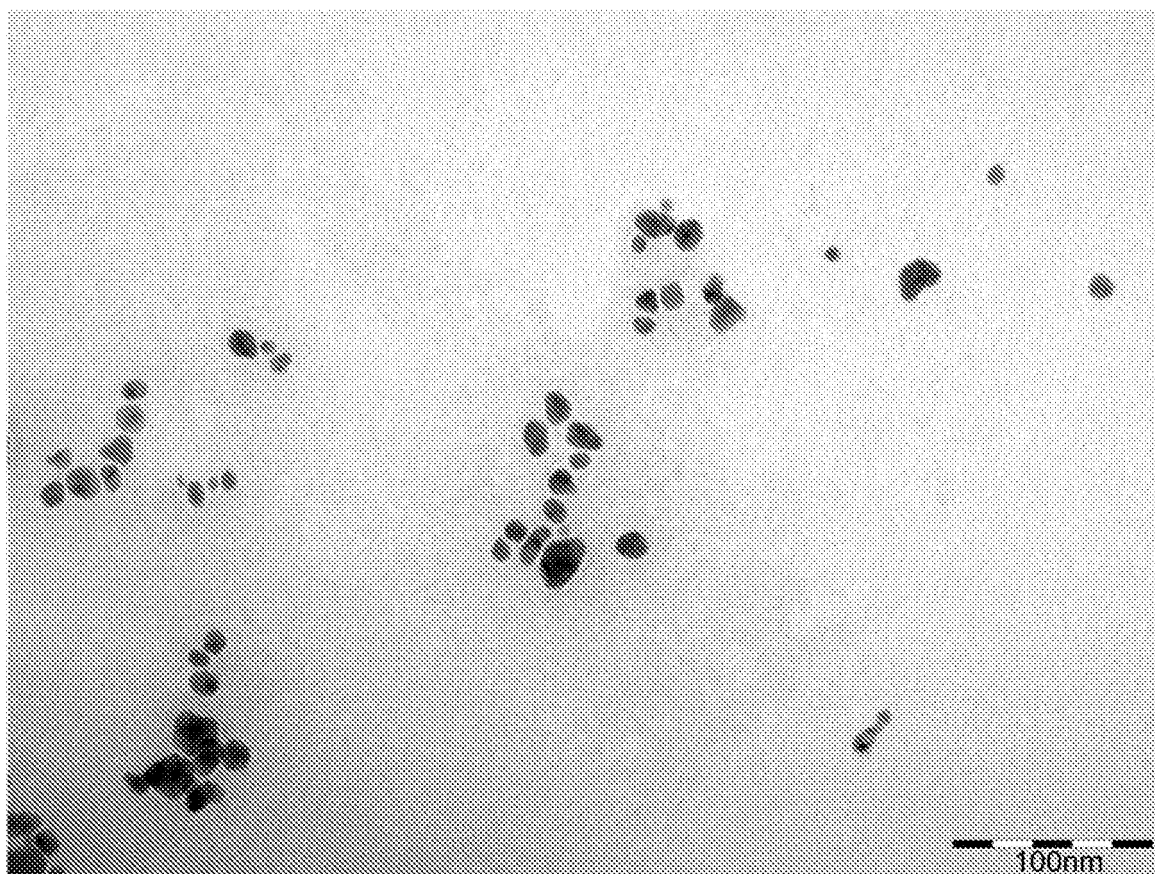


Figure 18

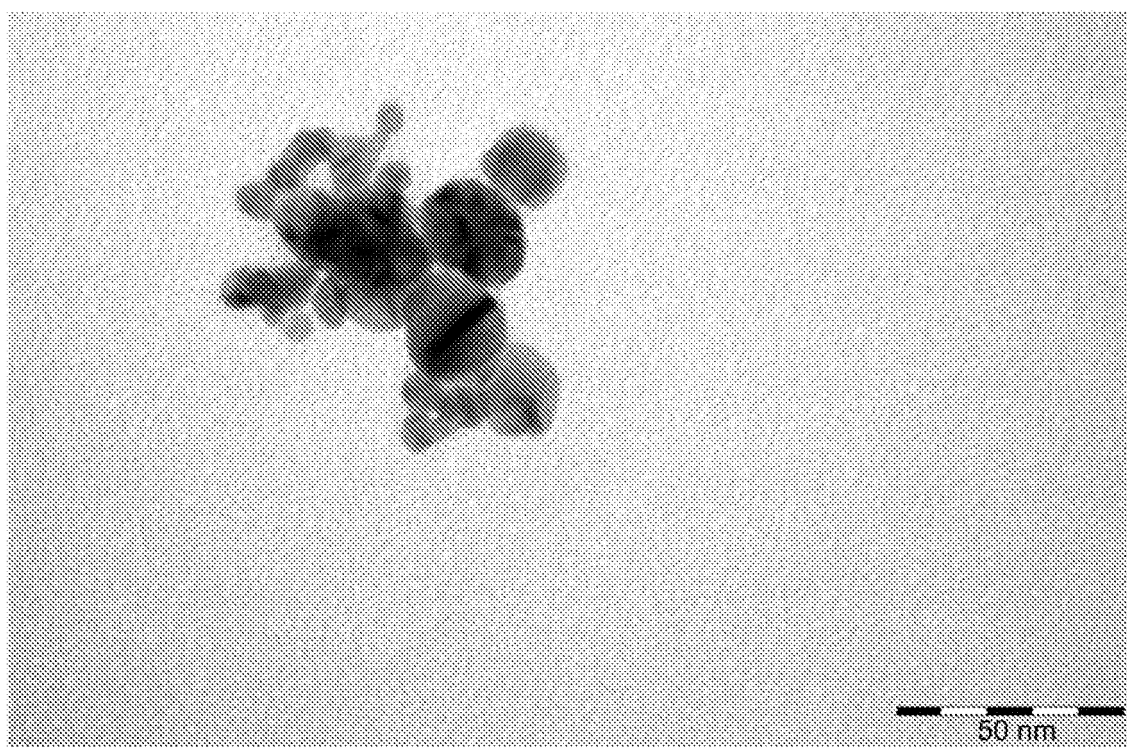


Figure 19

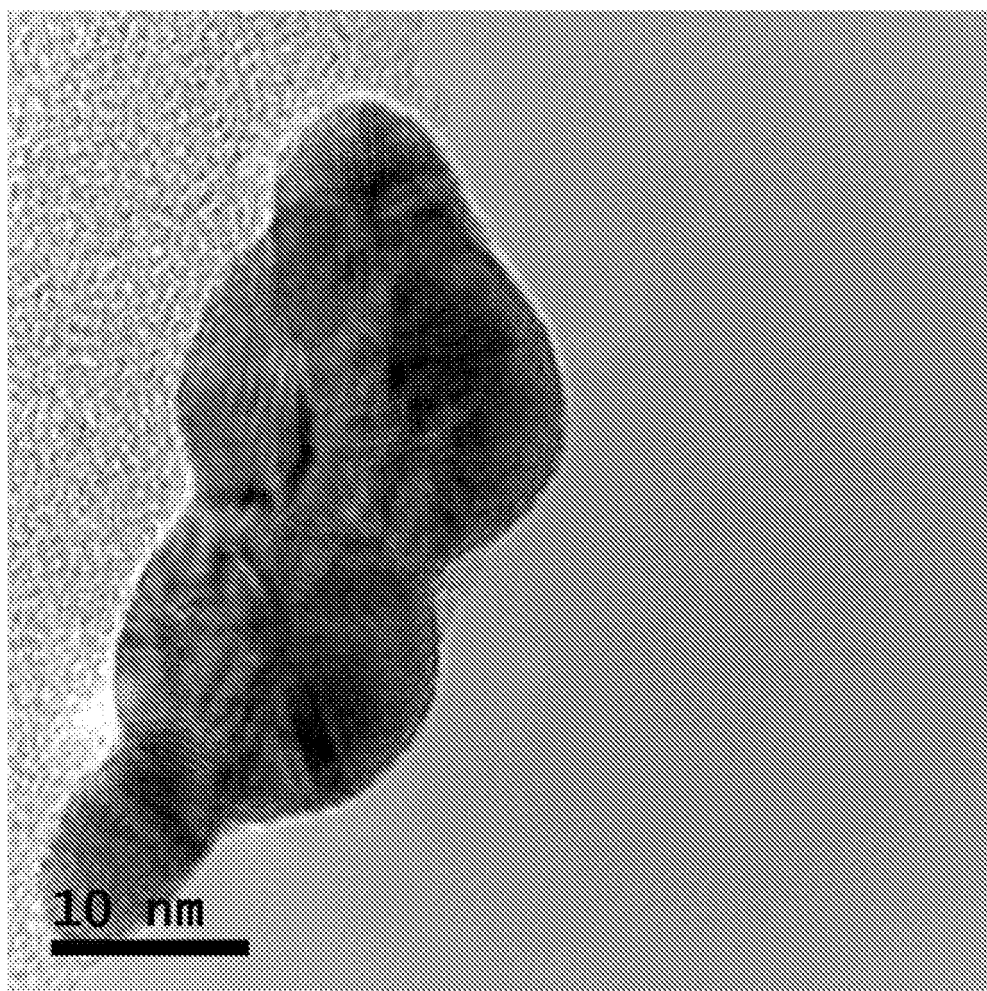


Figure 20

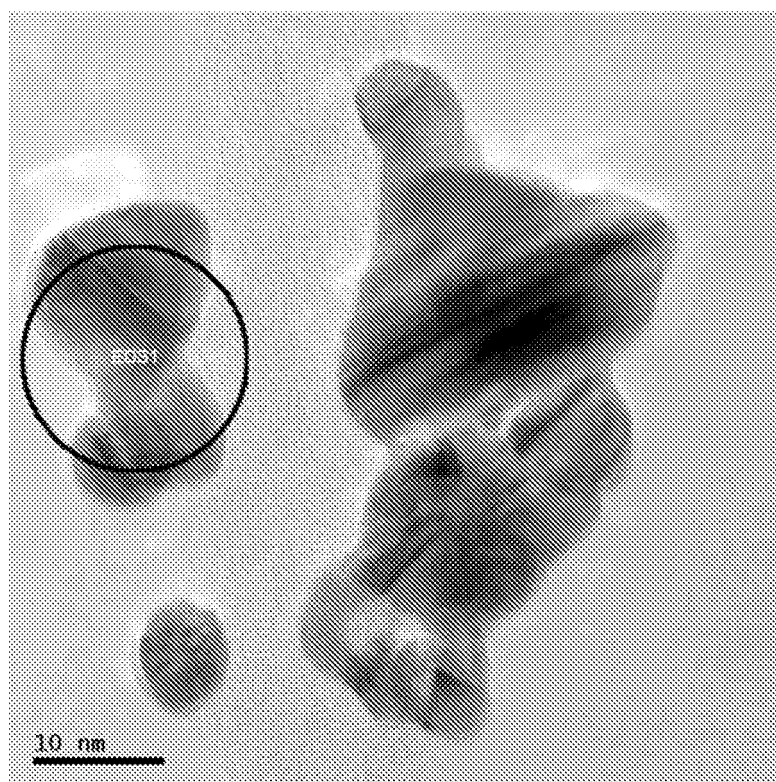


Figure 21a

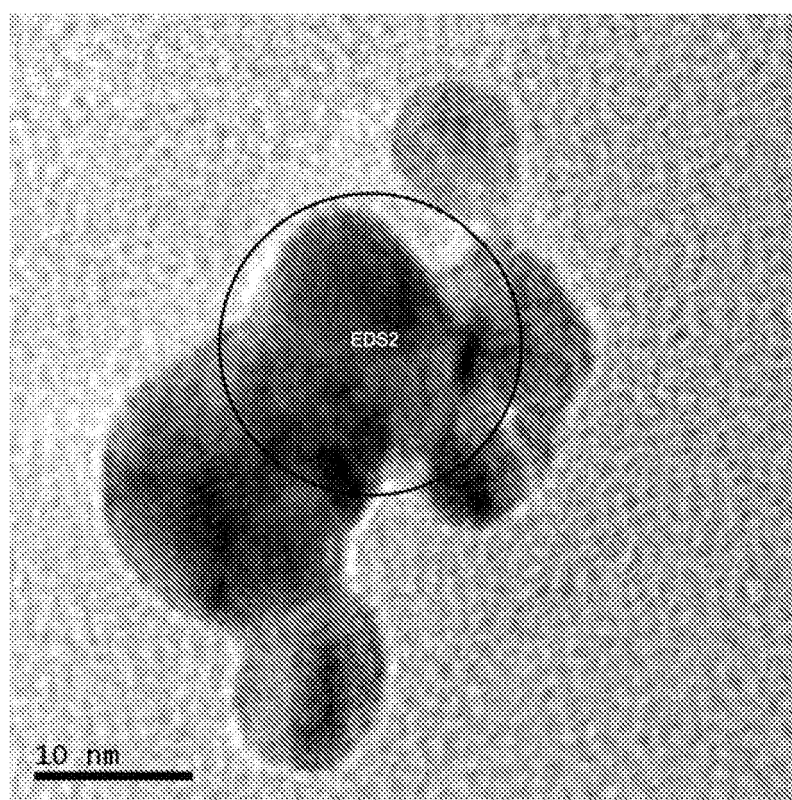


Figure 21b

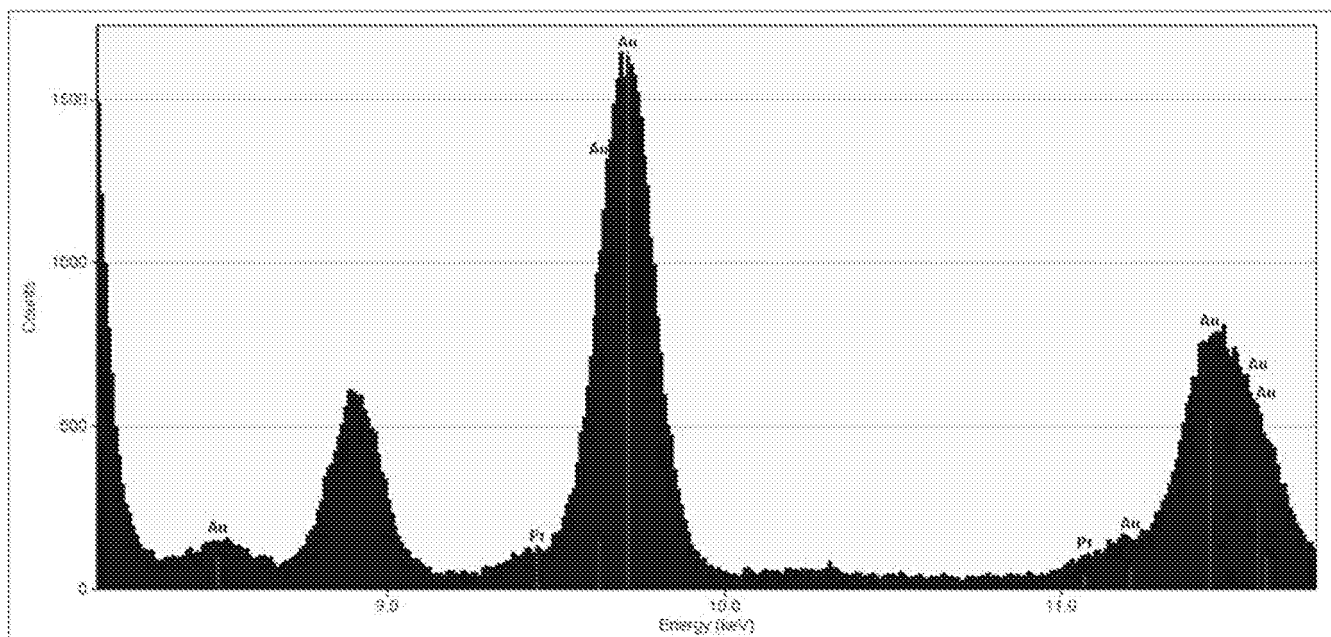


Figure 22a: EDS1

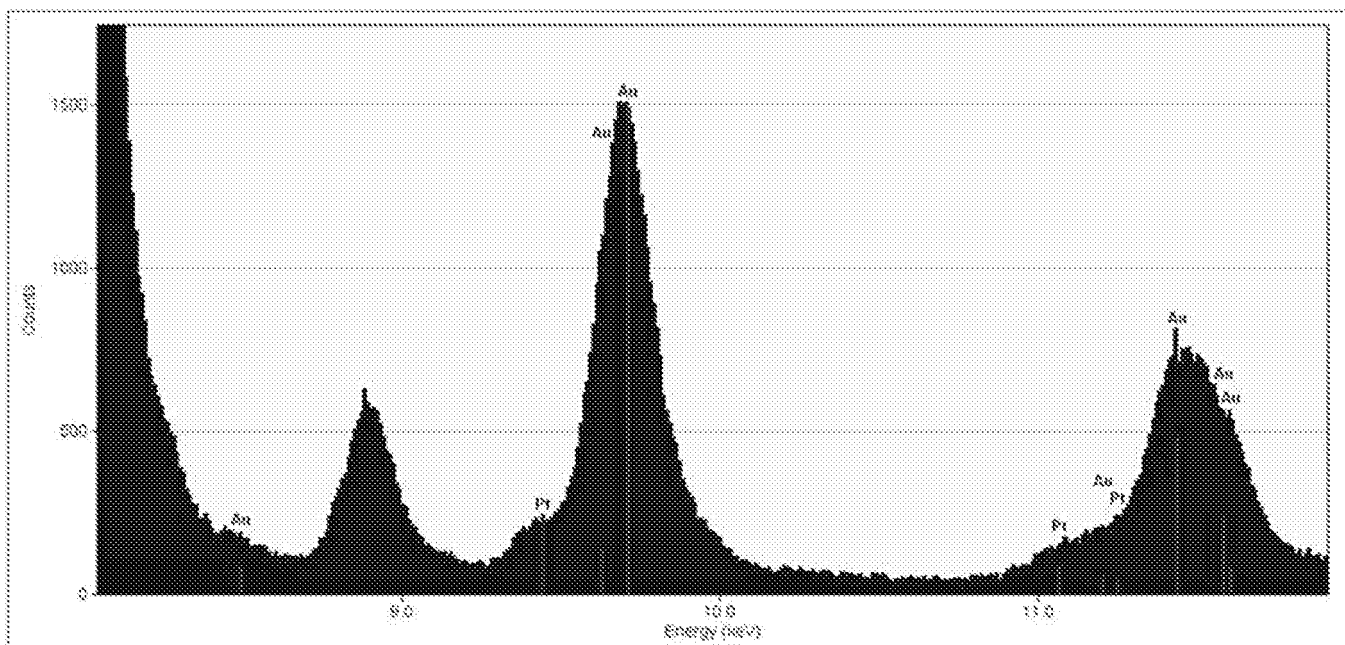


Figure 22b: EDS2

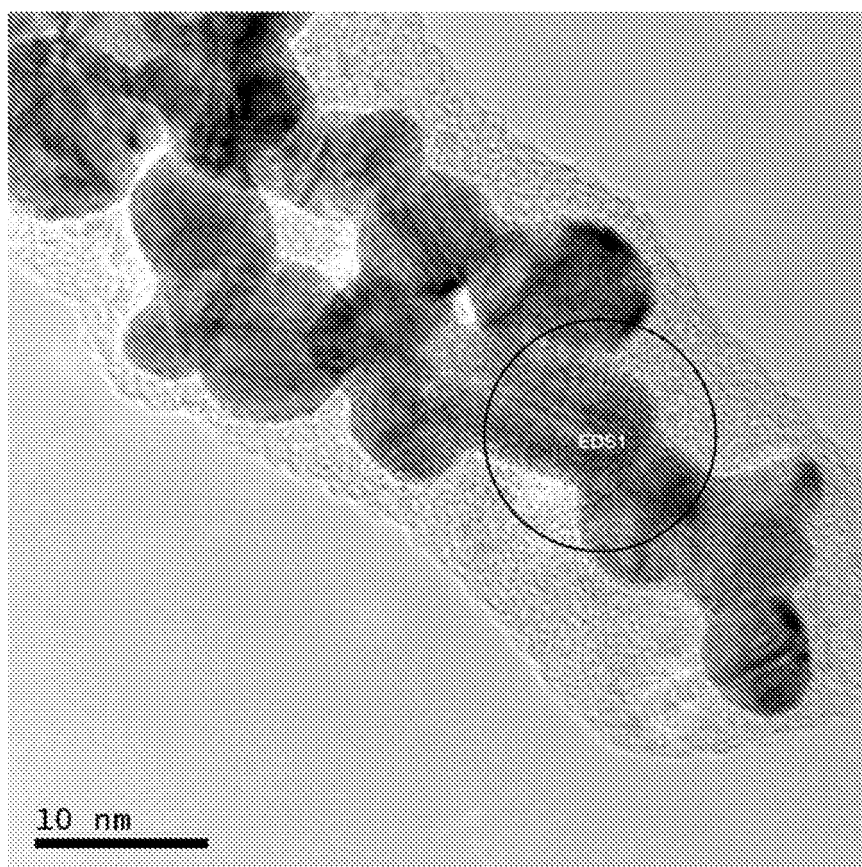


Figure 23a

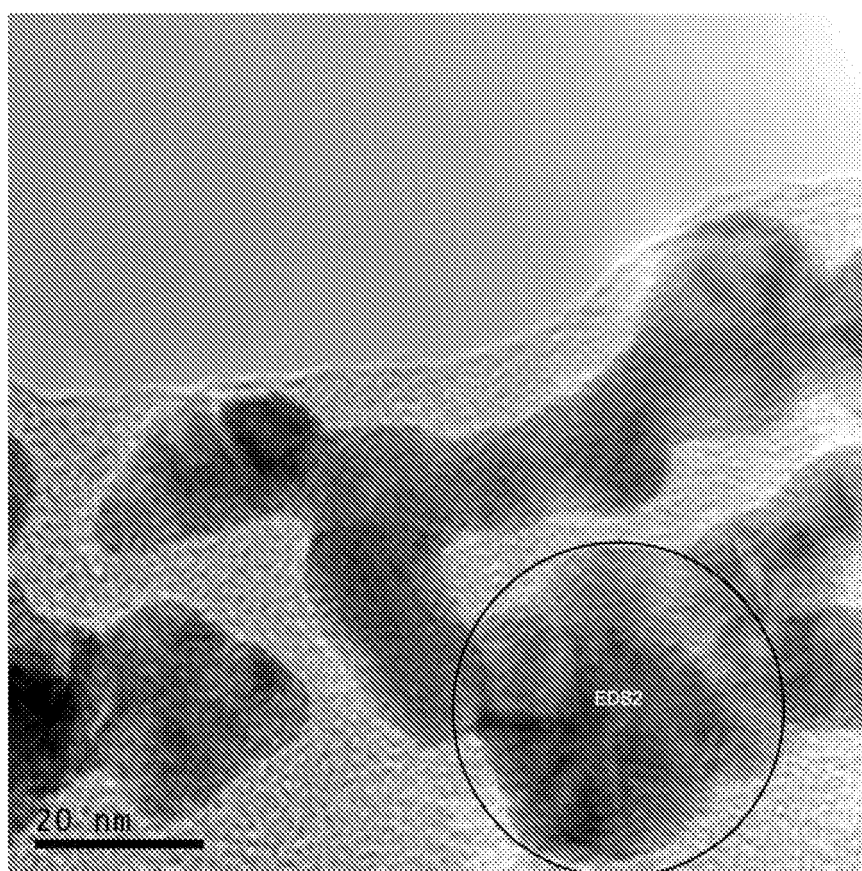


Figure 23b

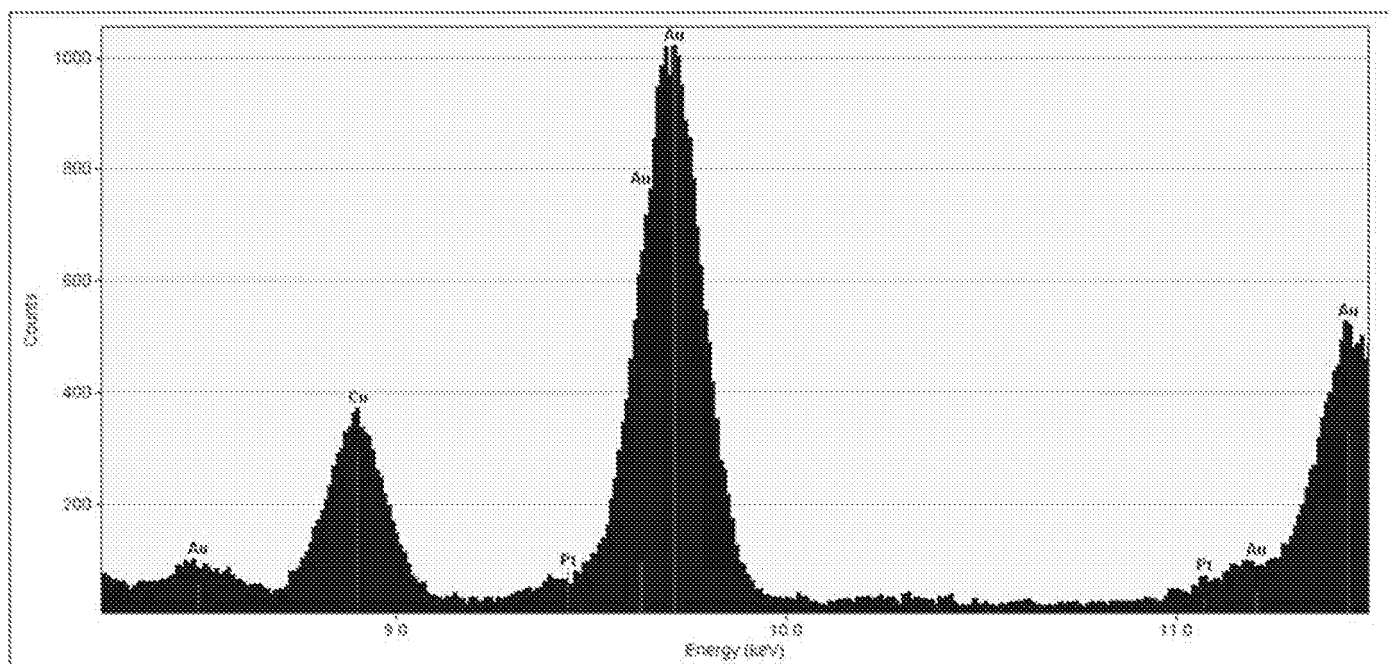


Figure 24a: EDS1

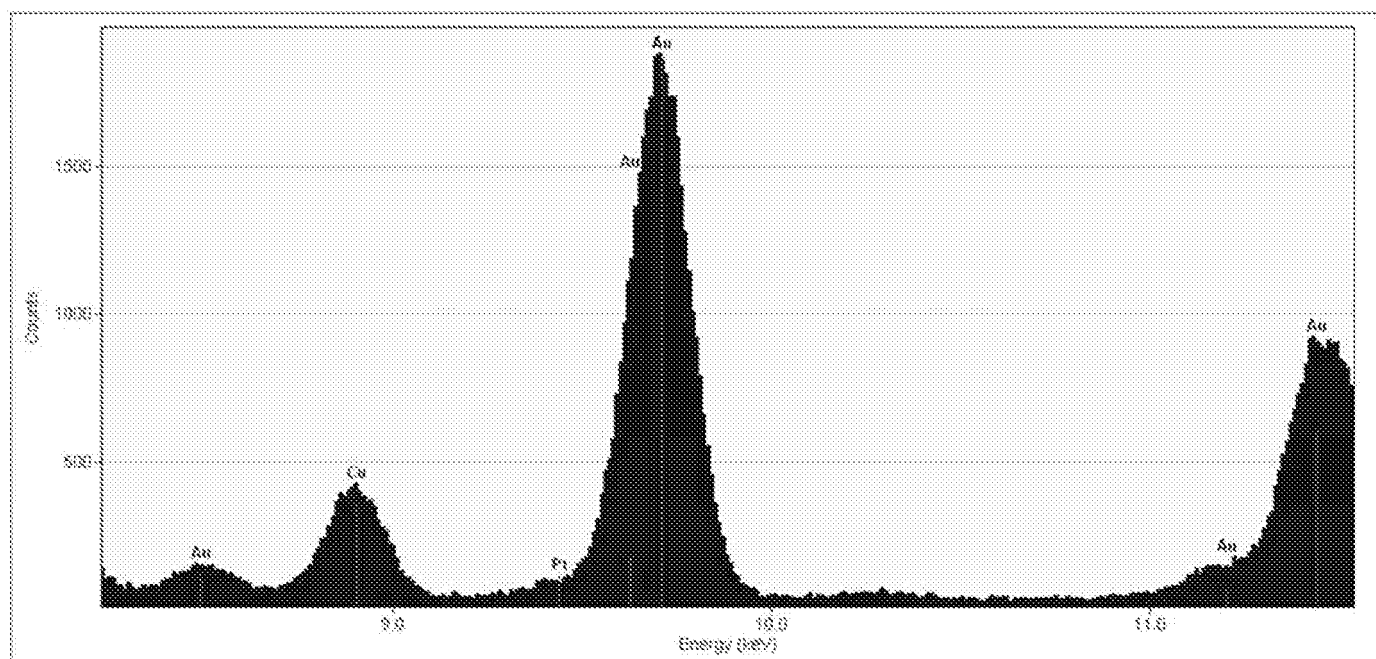


Figure 24b: EDS2

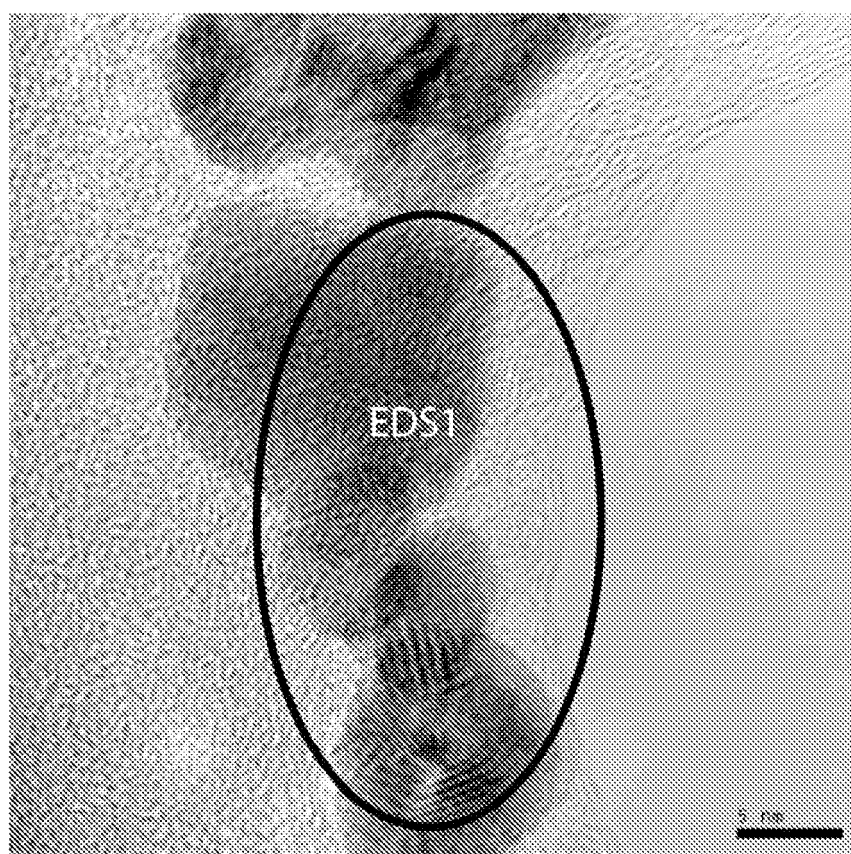


Figure 25a

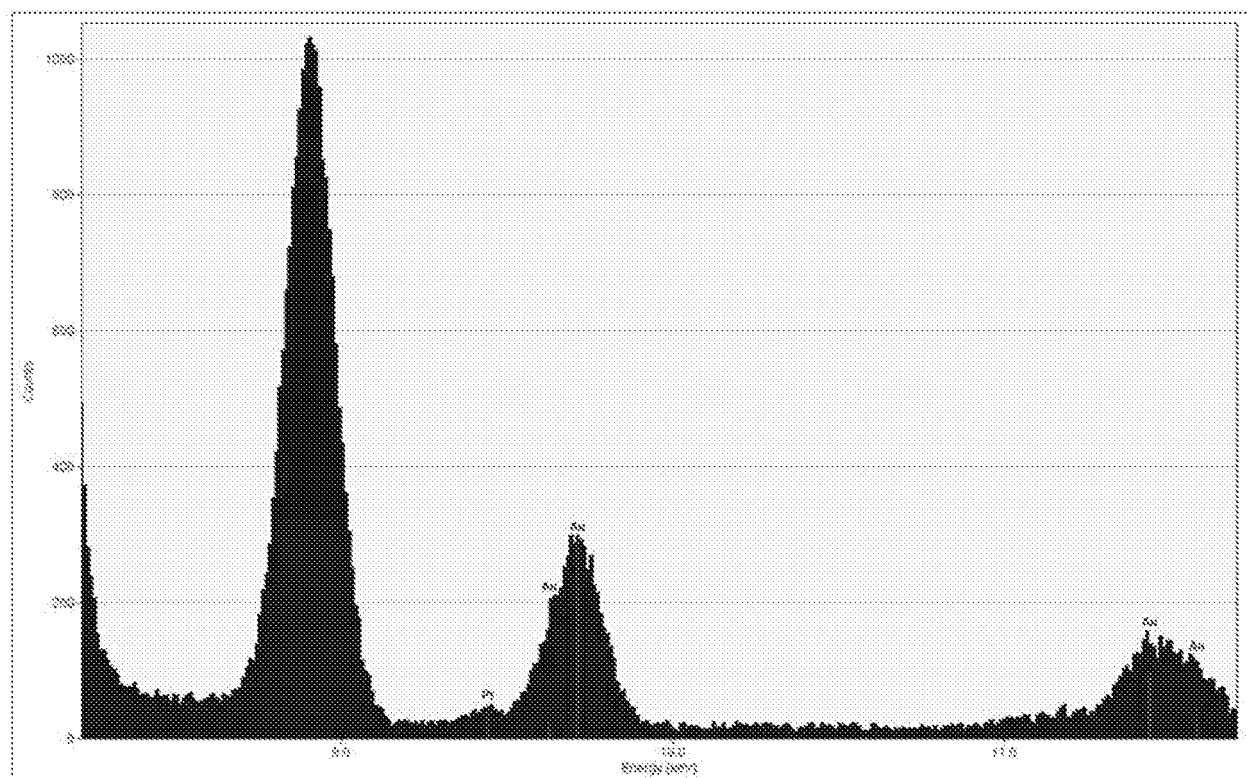


Figure 25b: EDS1

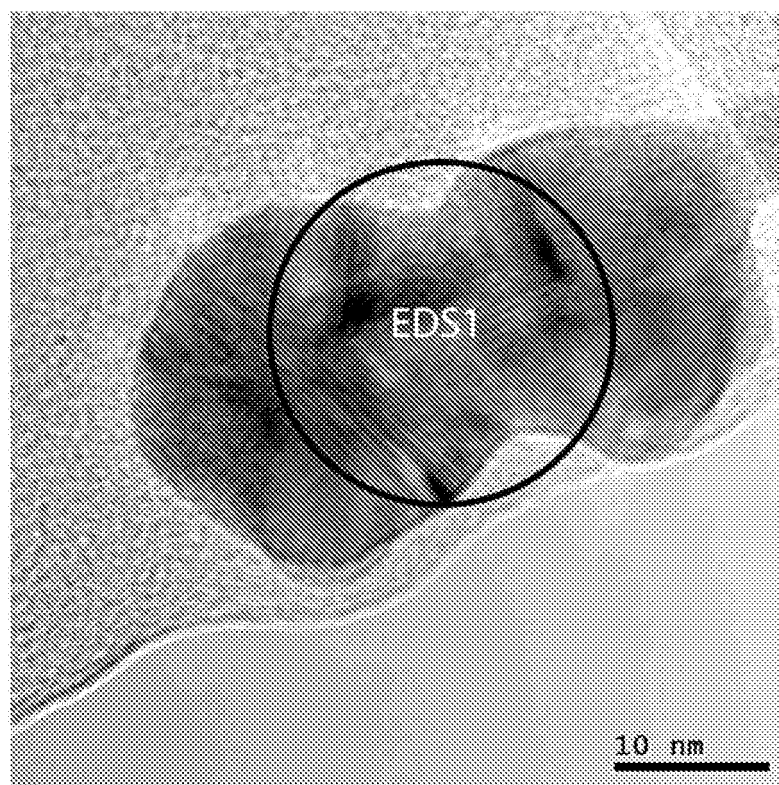


Figure 26a

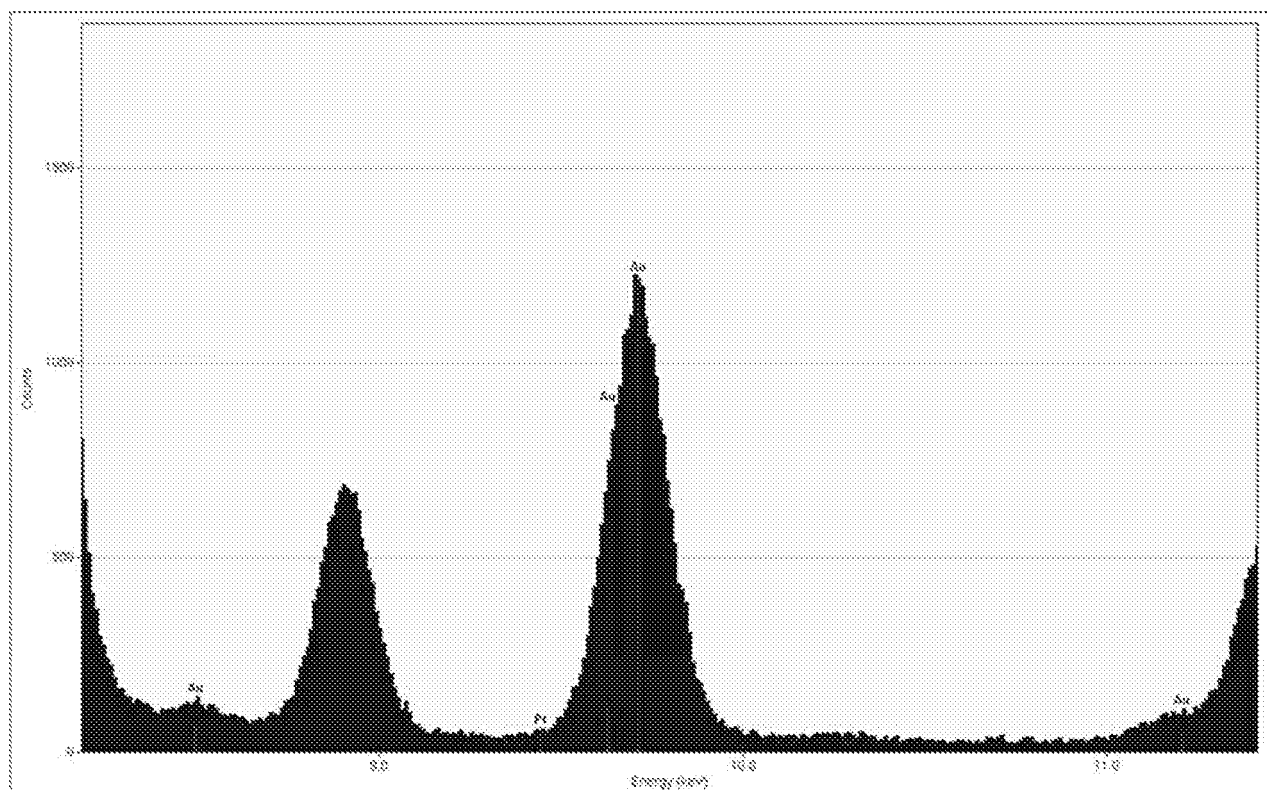
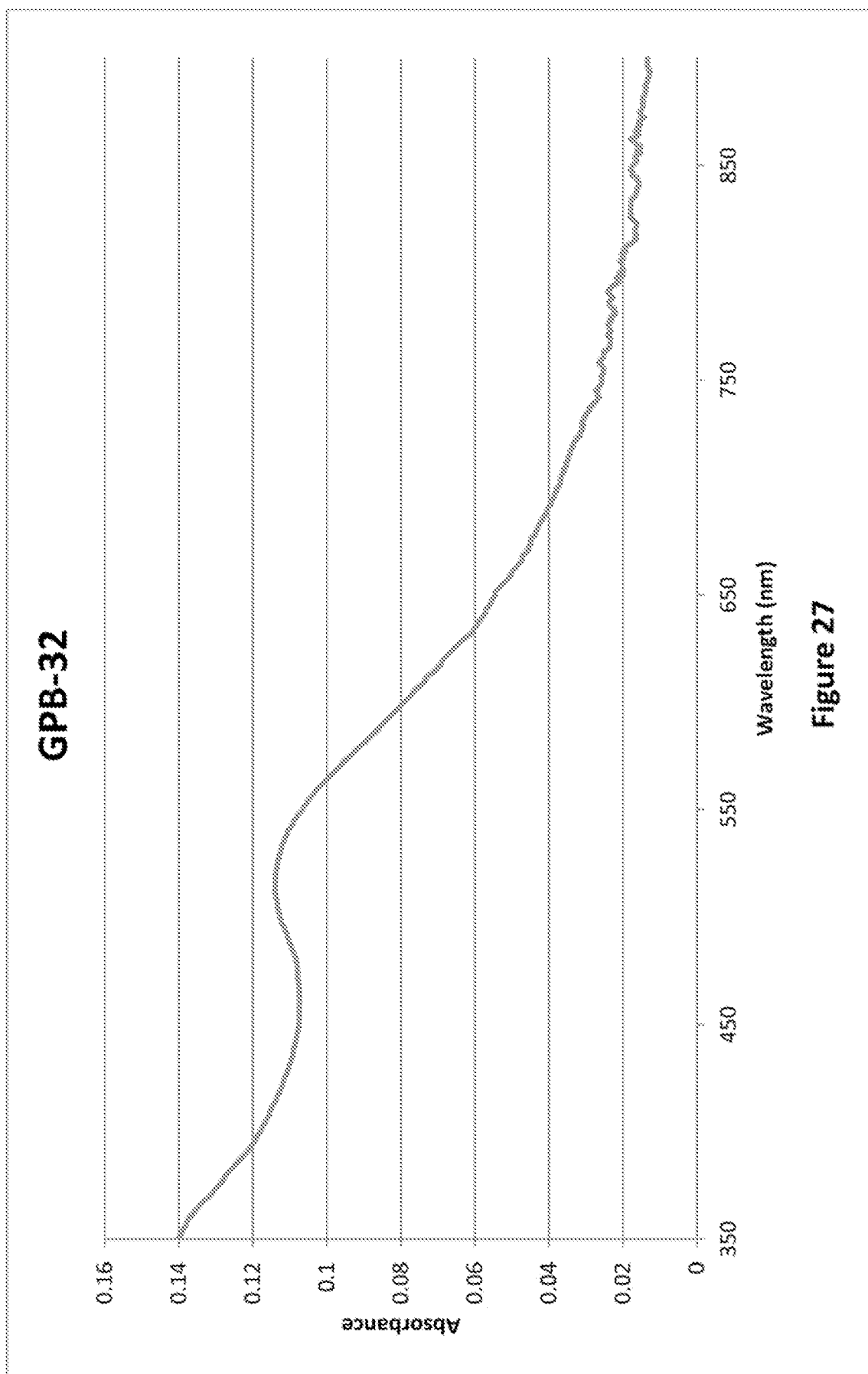
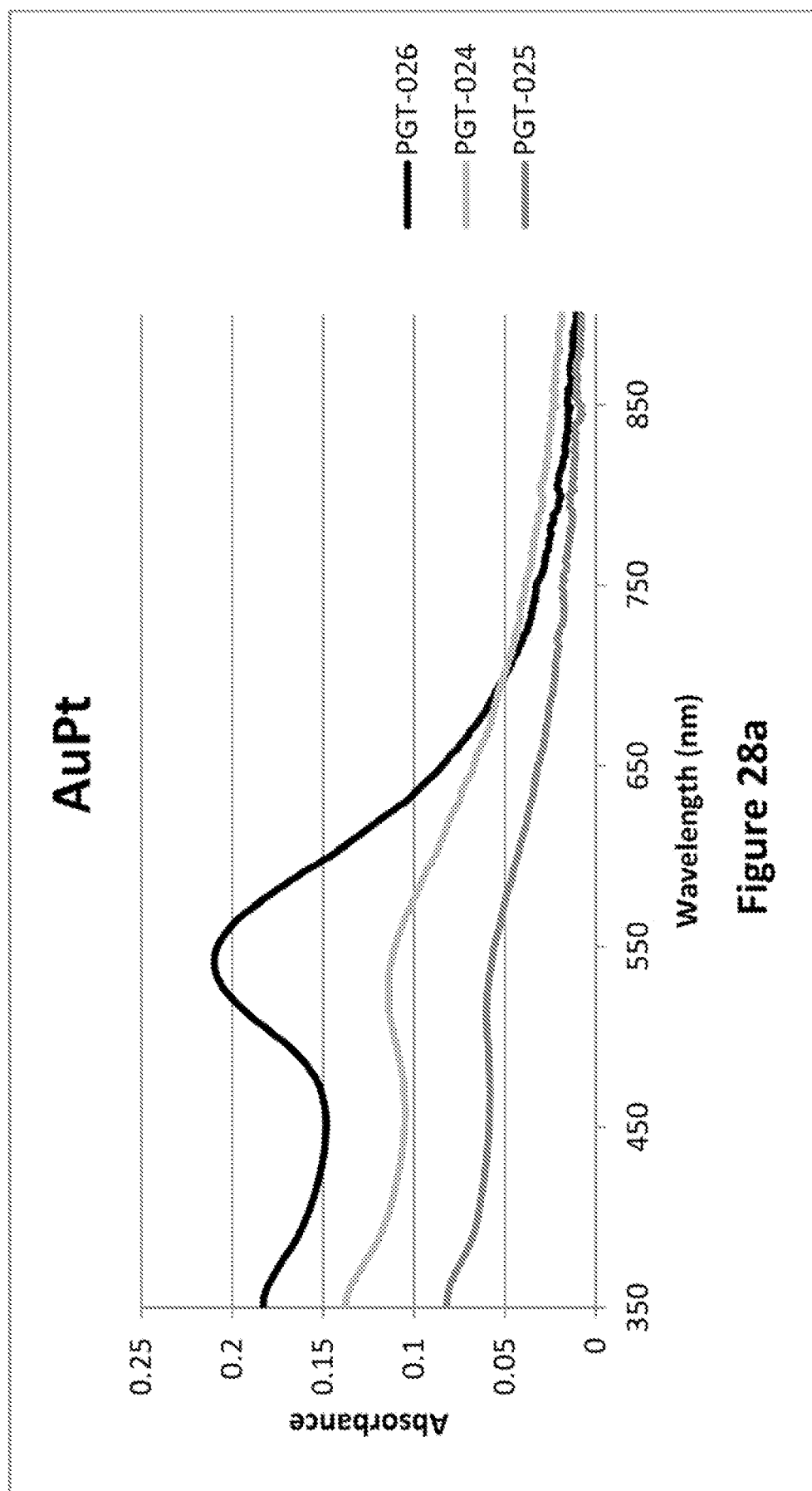


Figure 26b: EDS1





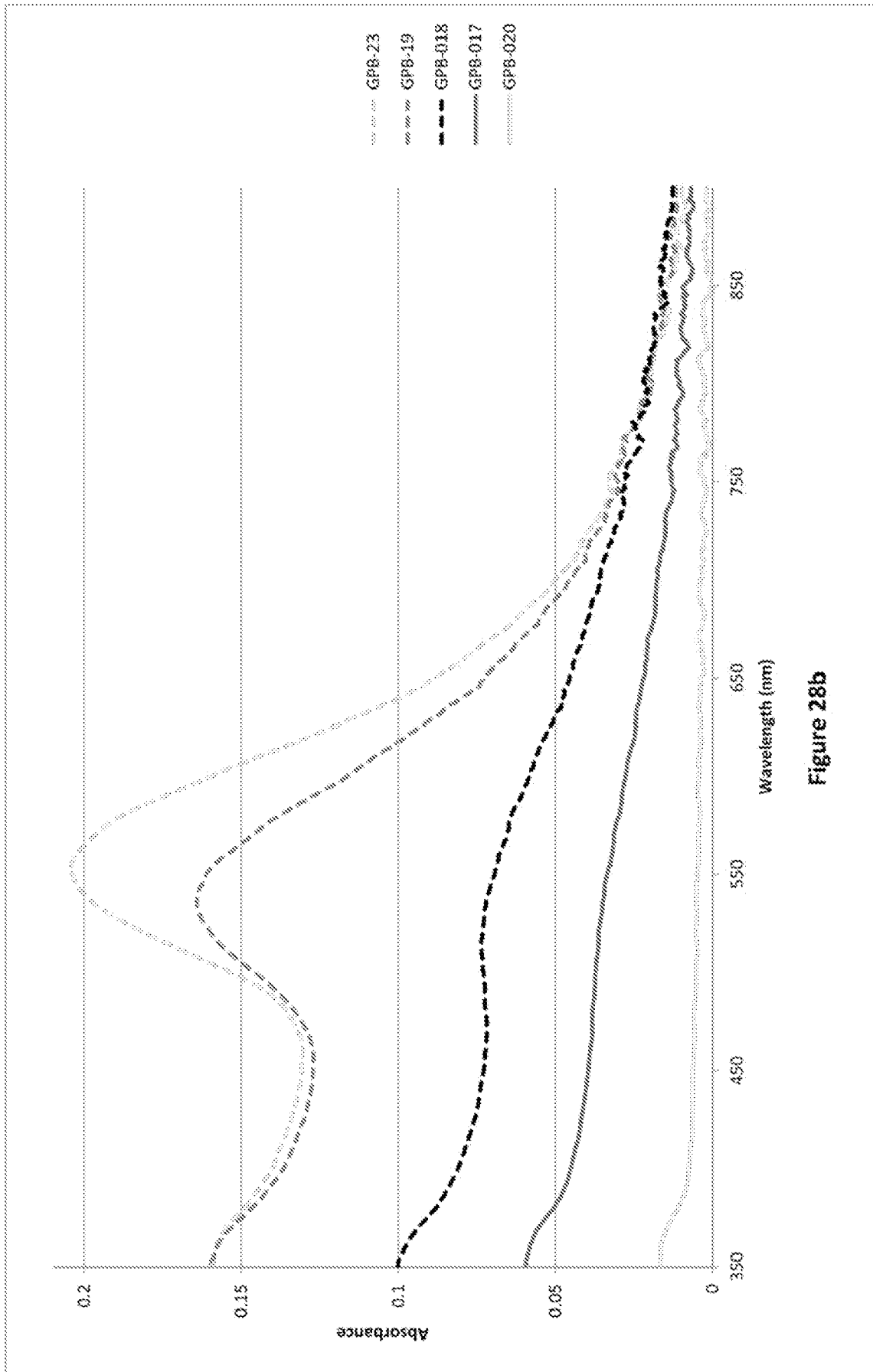
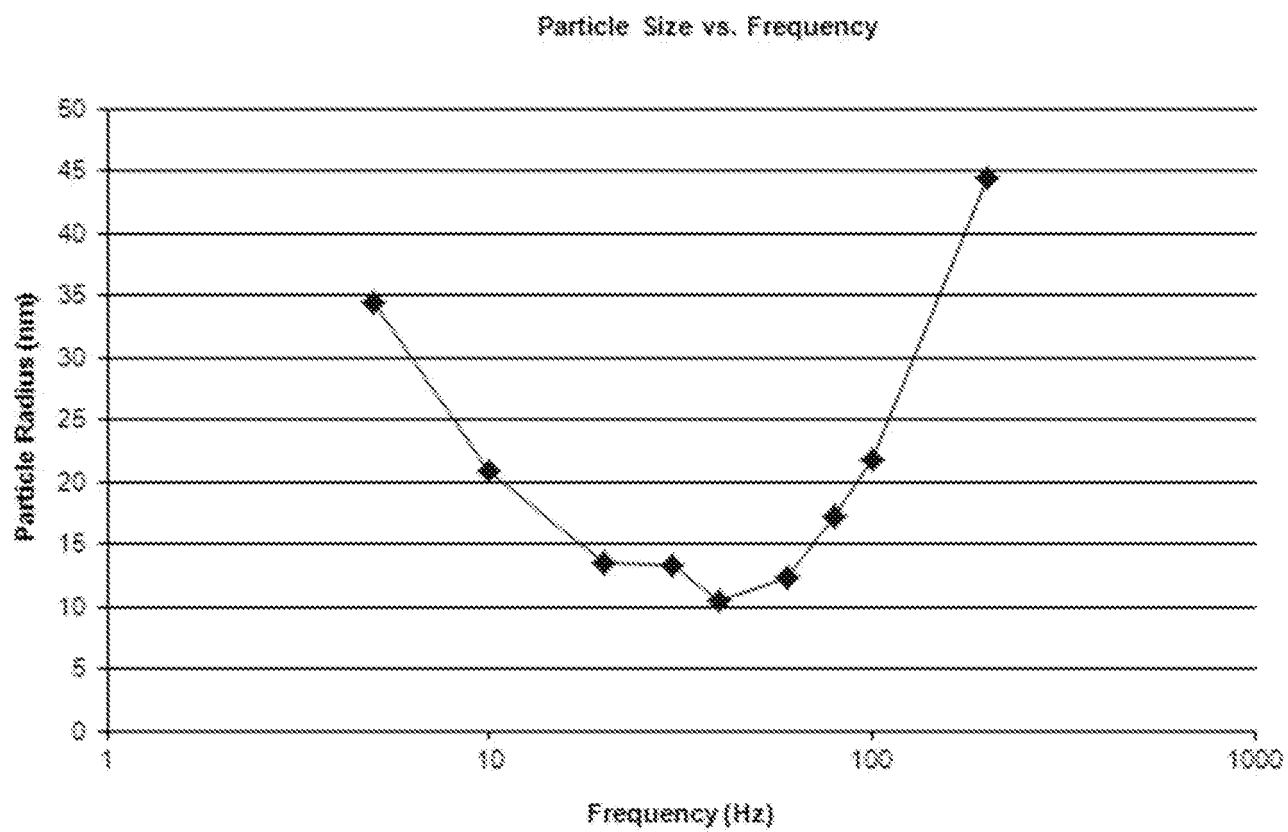


Figure 28b

**Figure 28c**

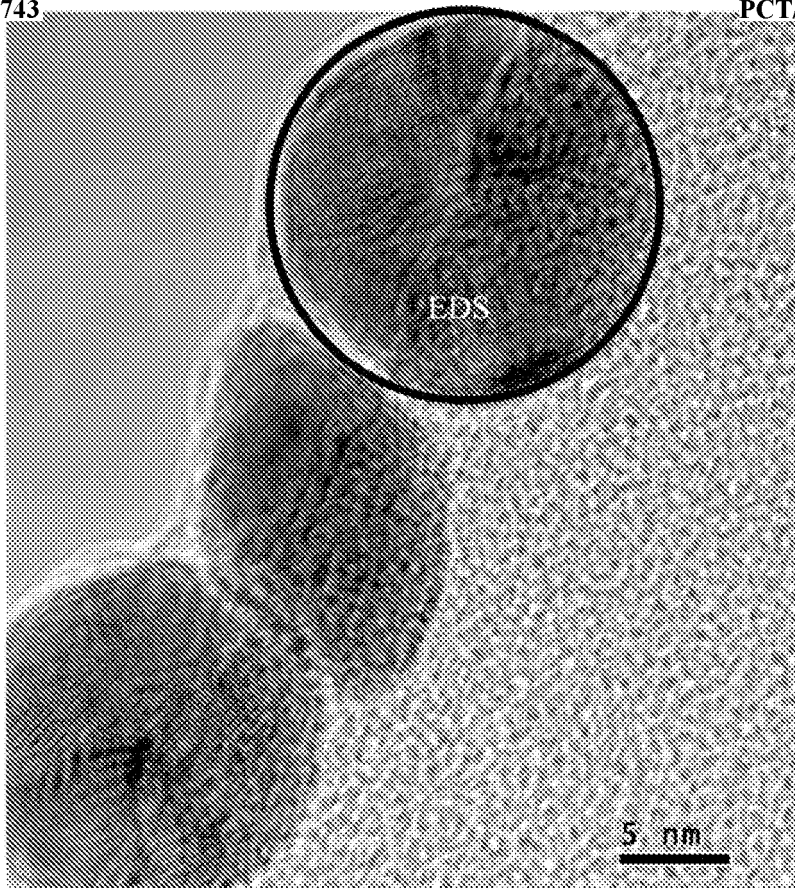


Figure 29a

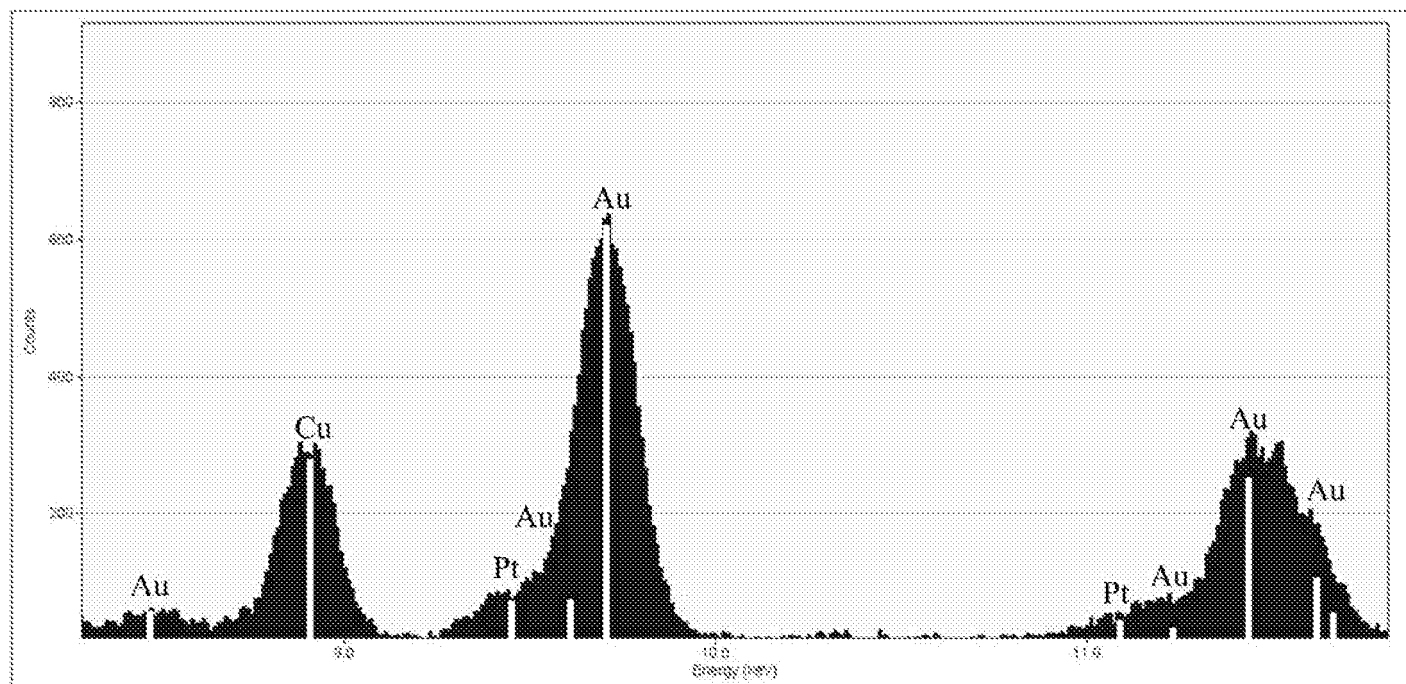


Figure 29b

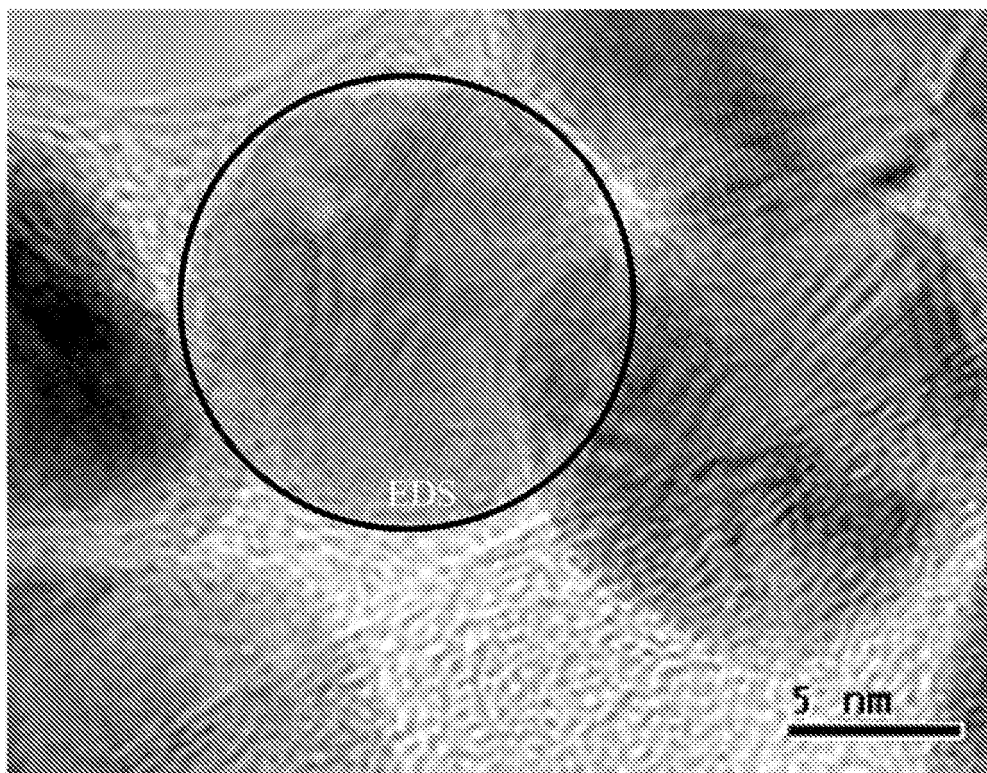


Figure 29c

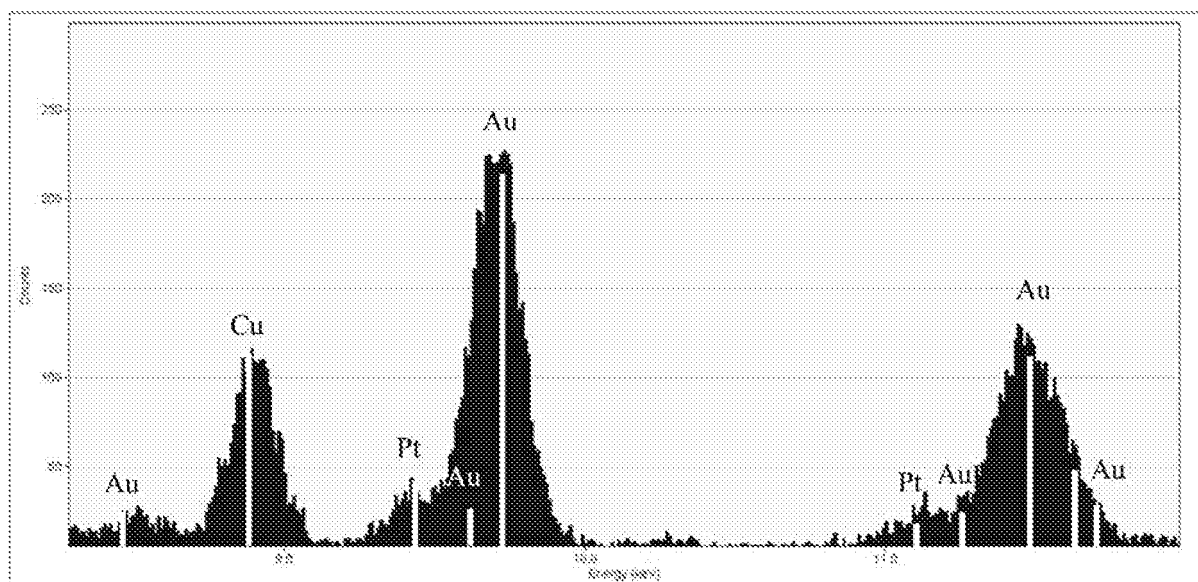


Figure 29d

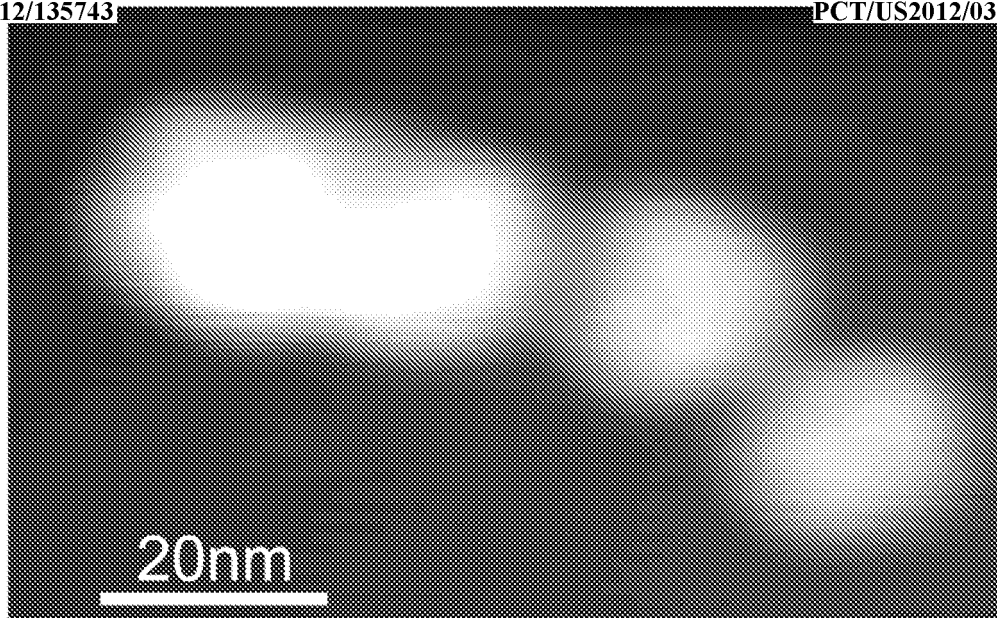


Figure 29e

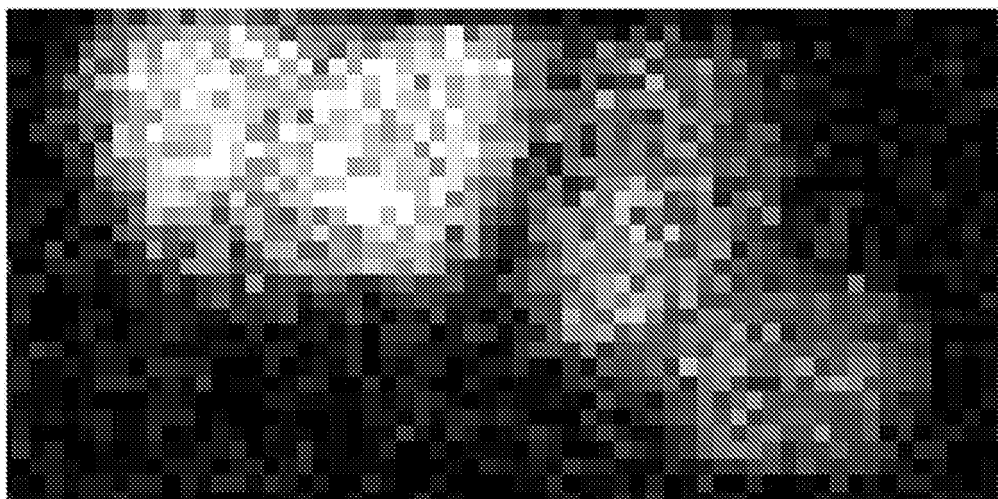


Figure 29f

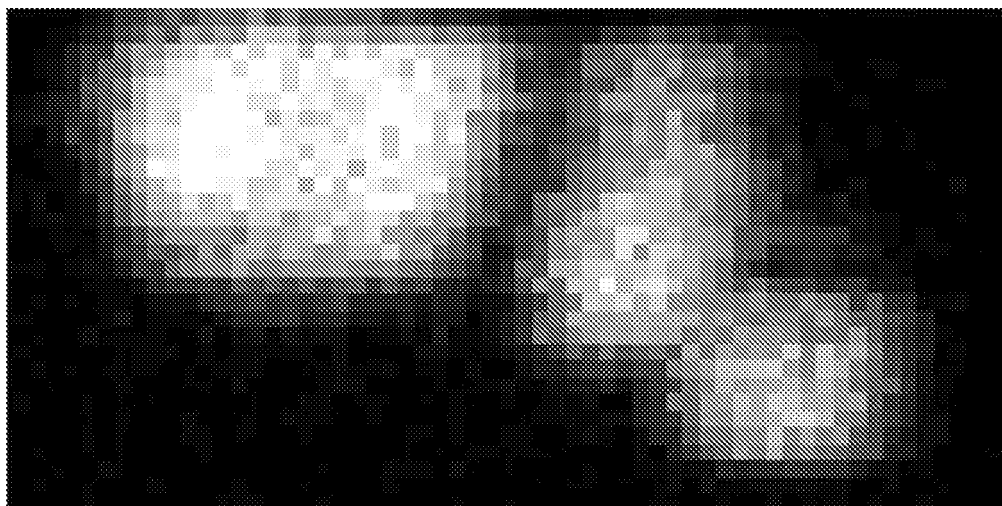


Figure 29g

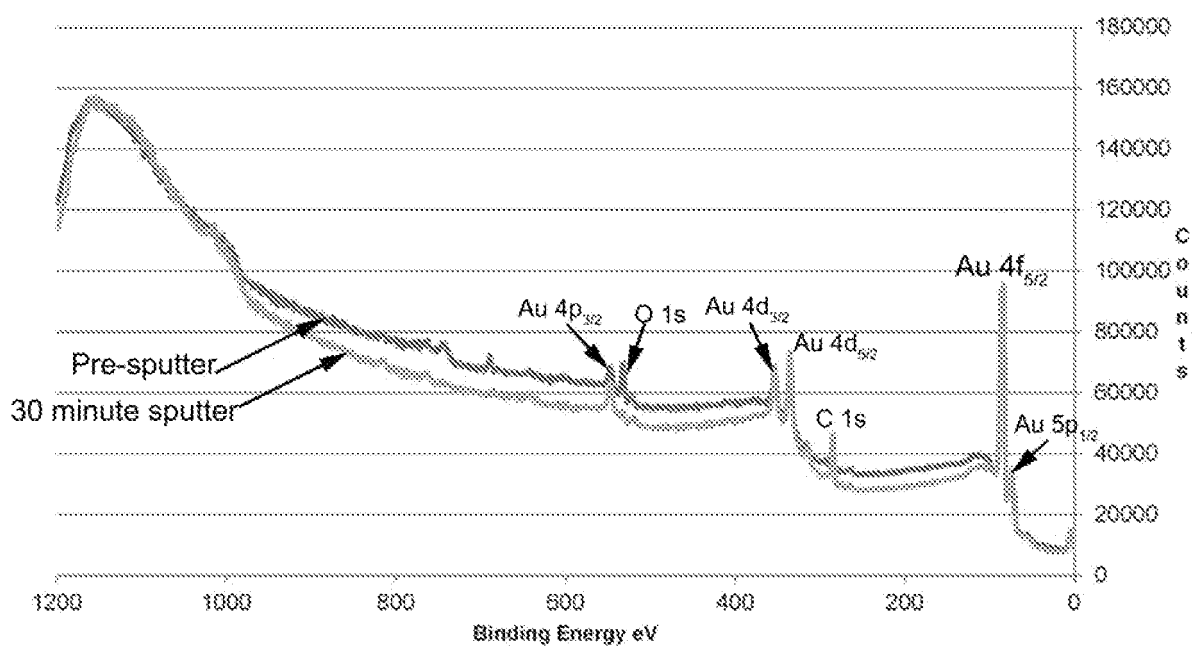


Figure 29h

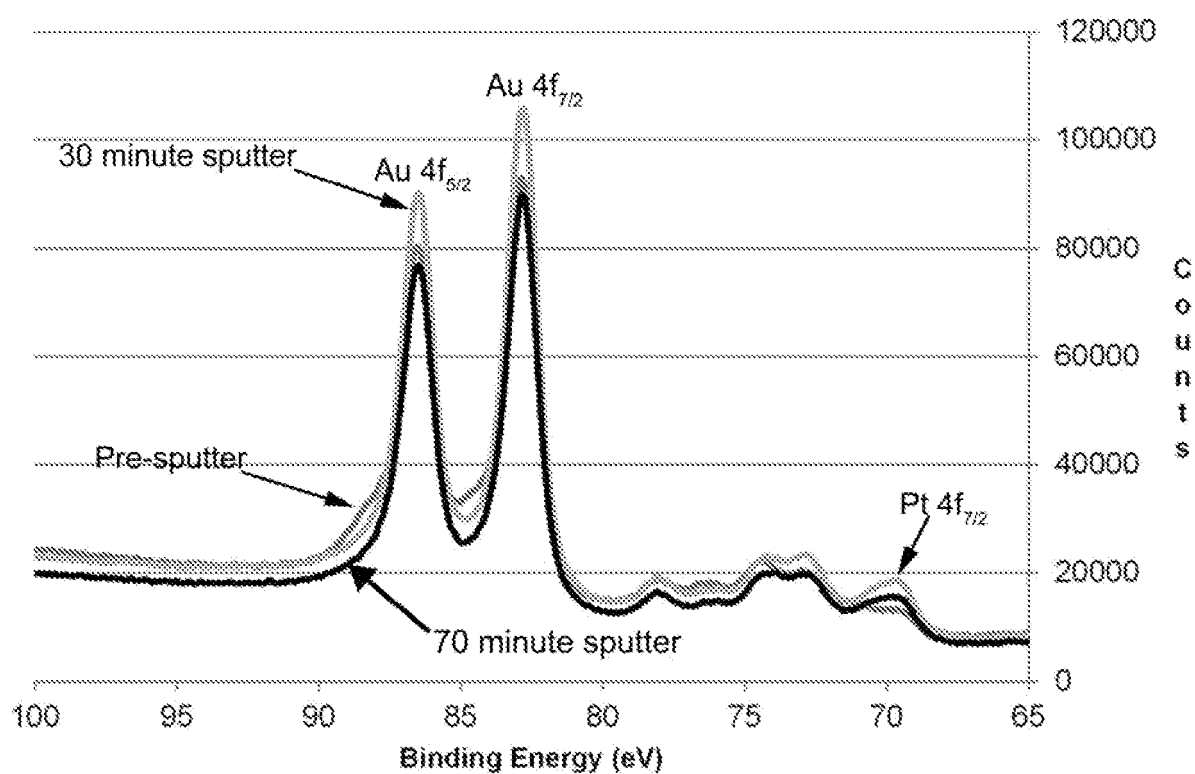
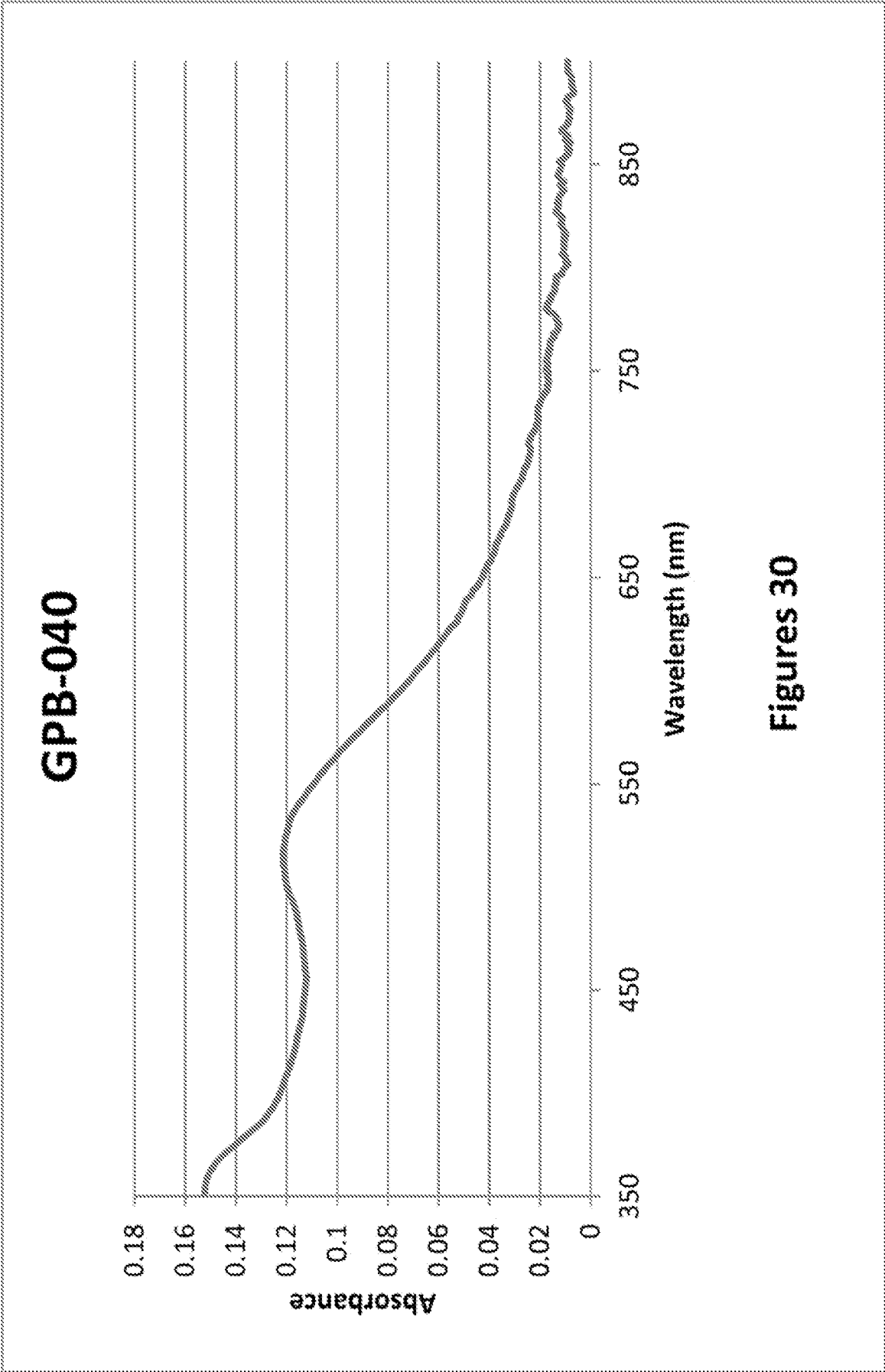


Figure 29i



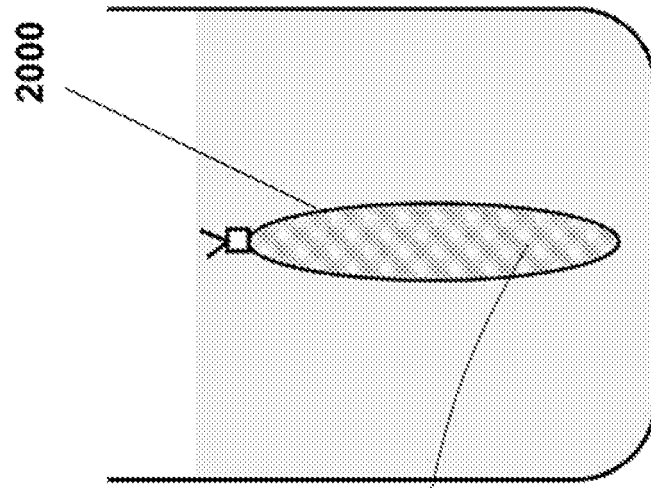


Figure 31b

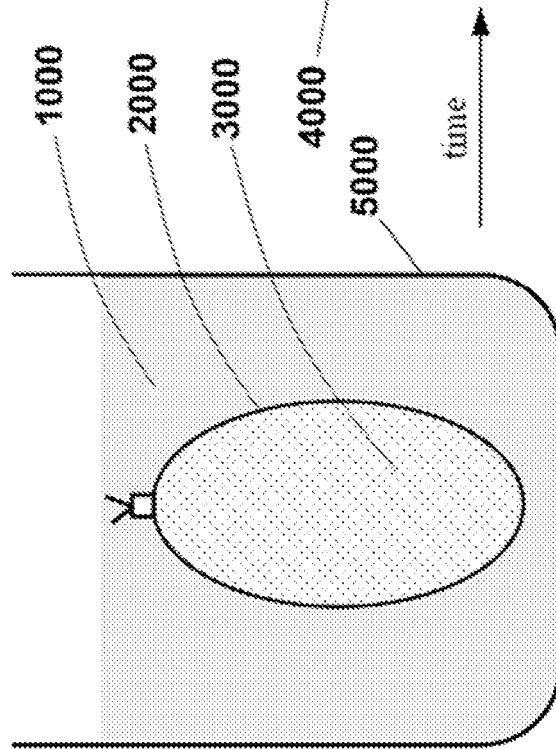


Figure 31a

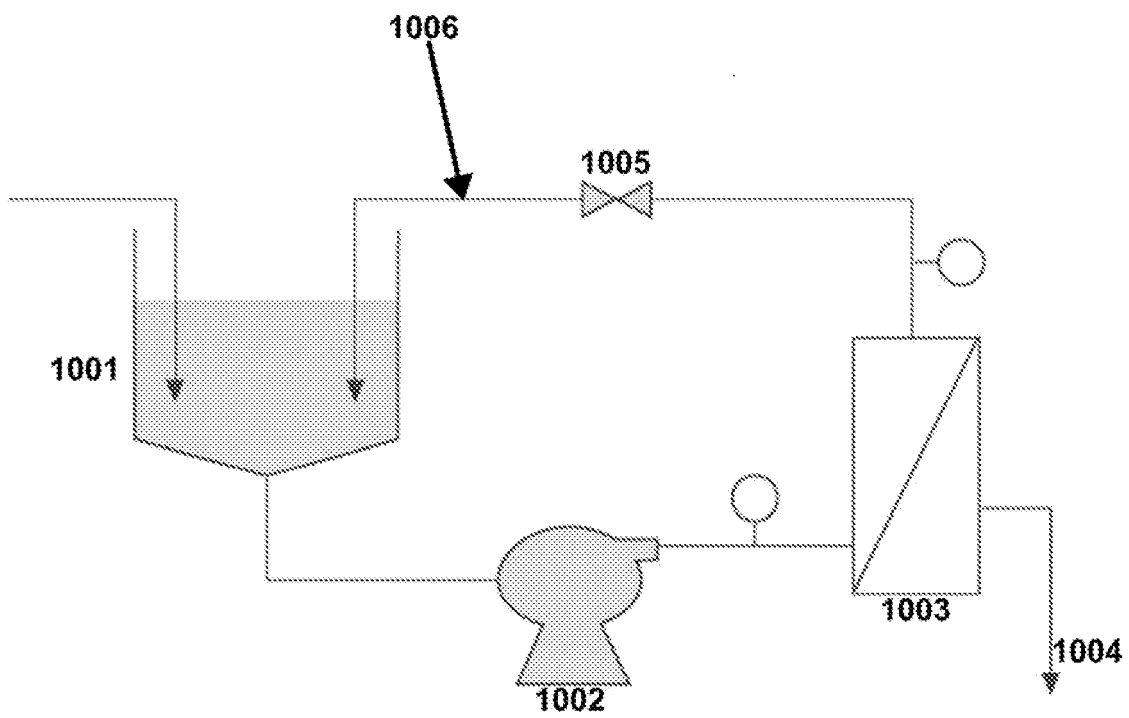


Figure 31c

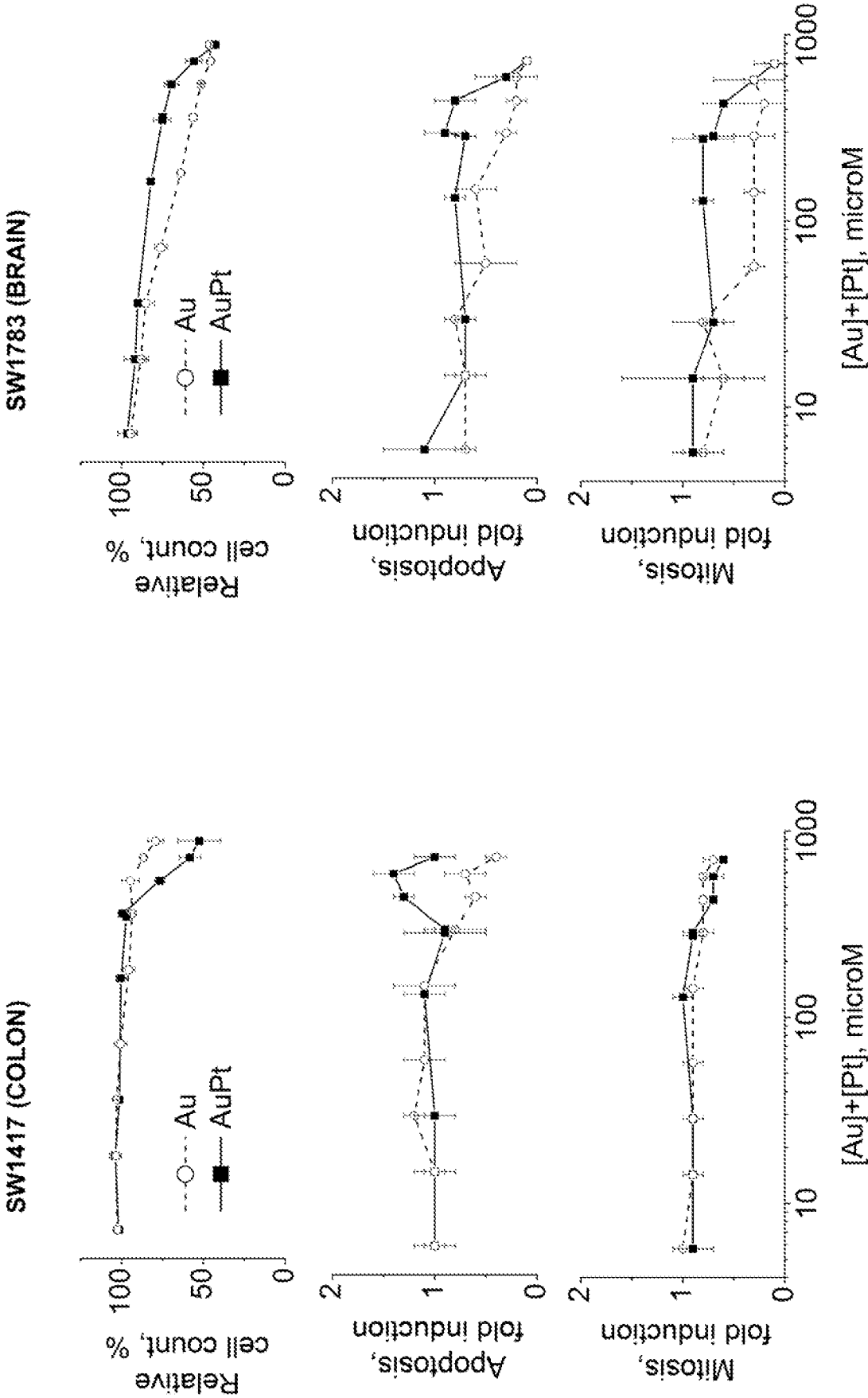


Figure 32a

Figure 32b

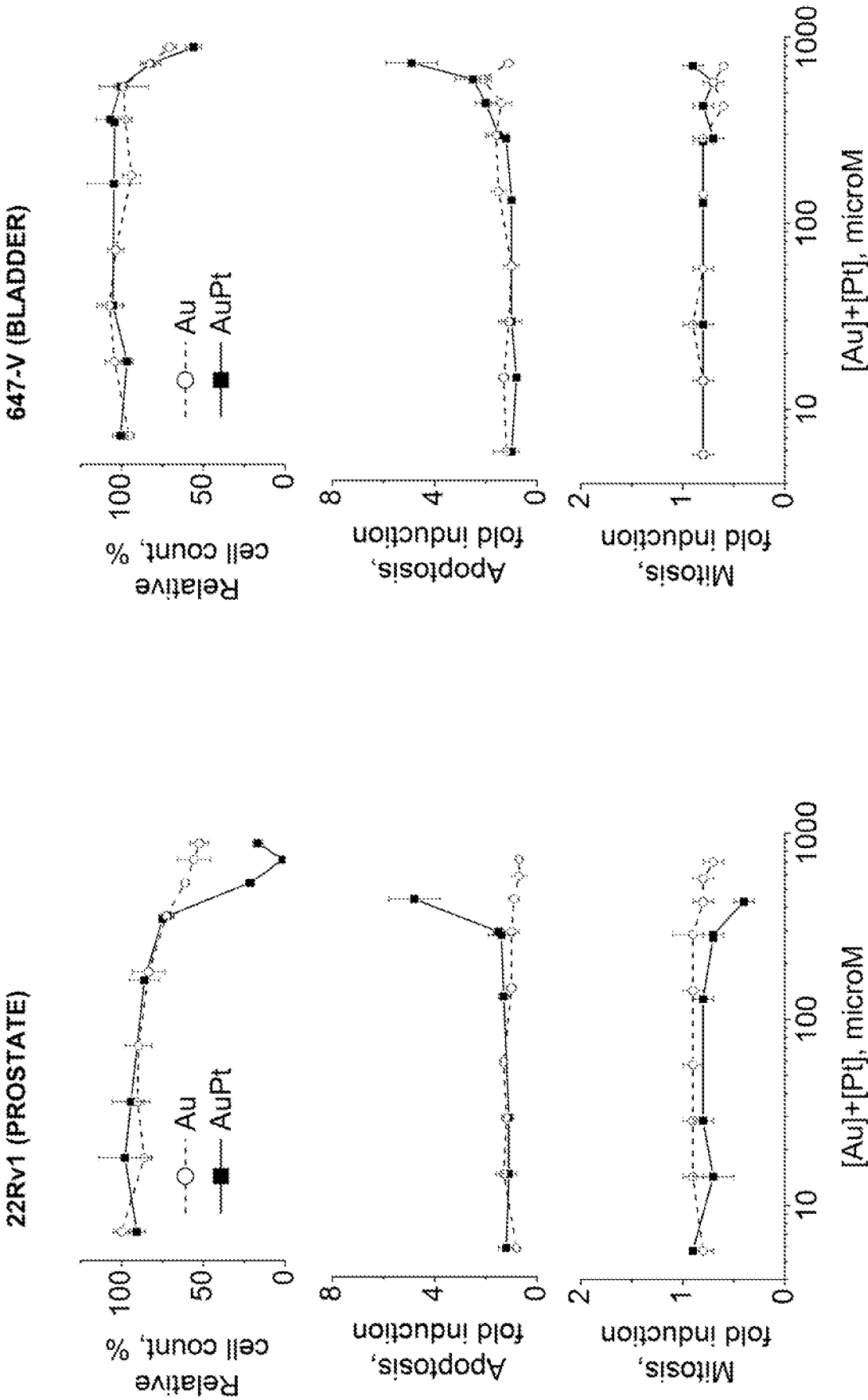


Figure 32c

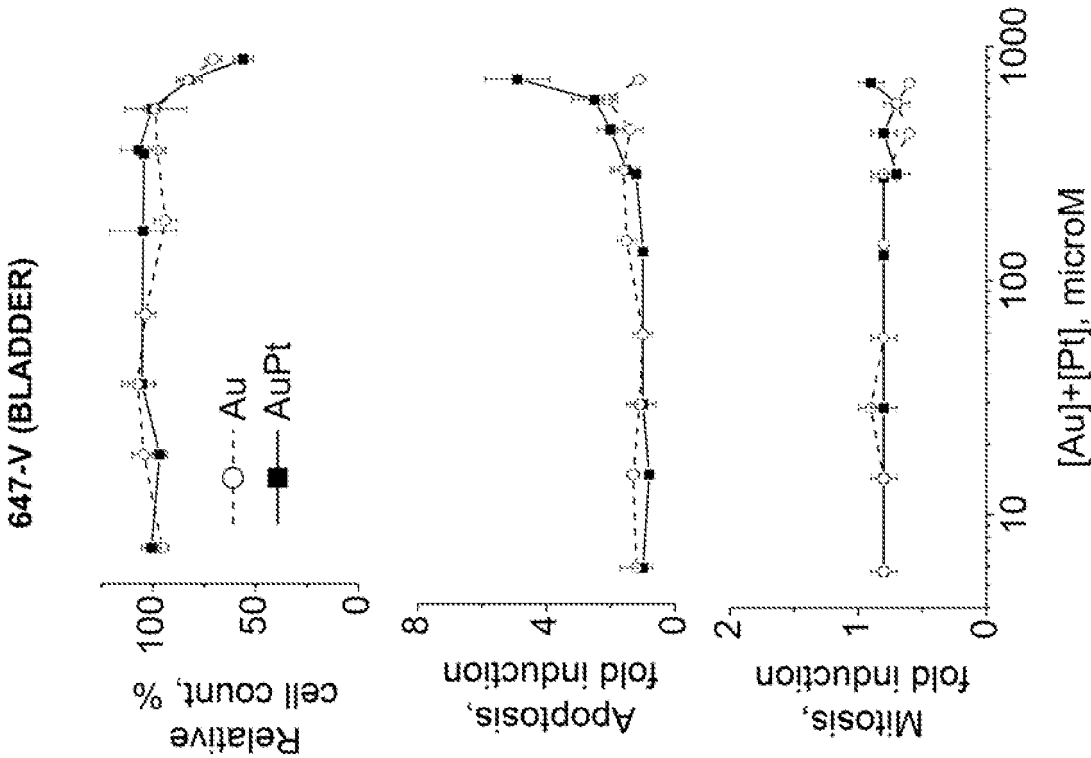


Figure 32d

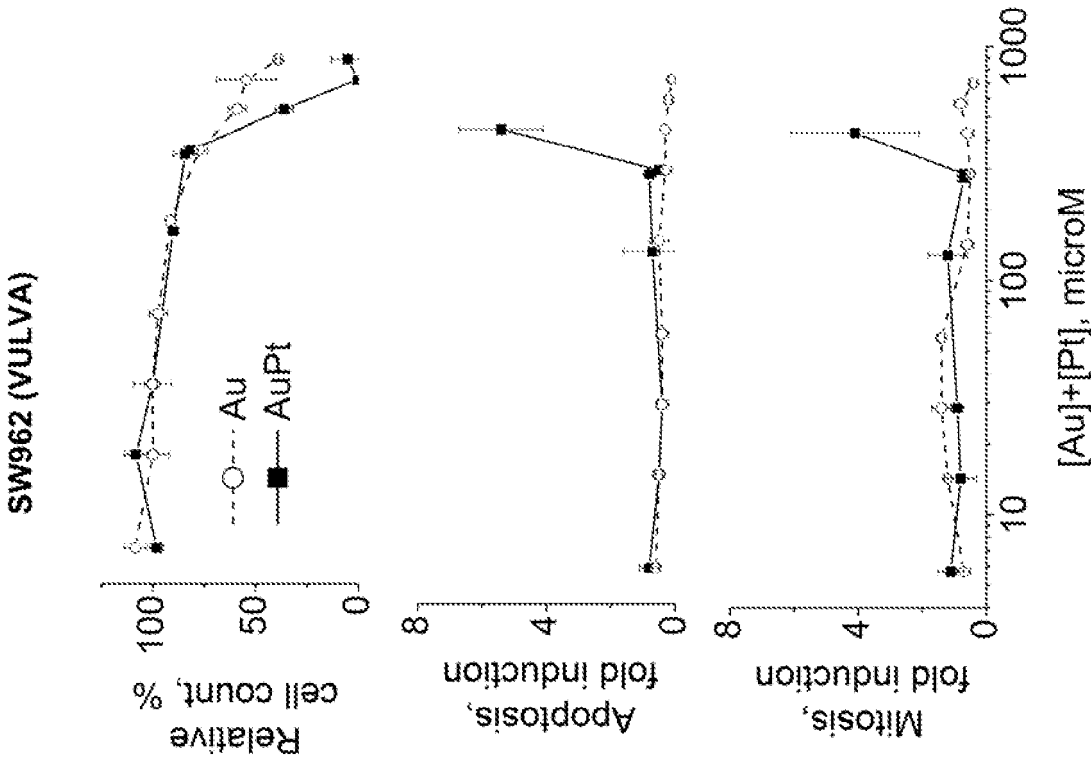


Figure 32f

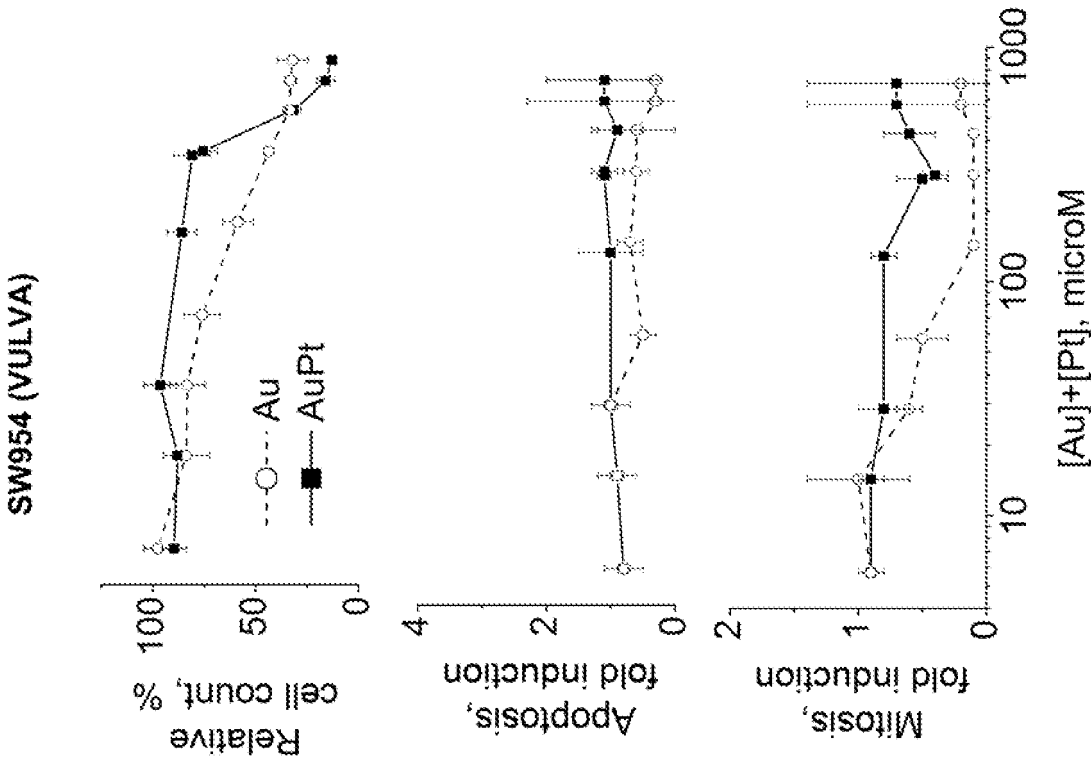


Figure 32e

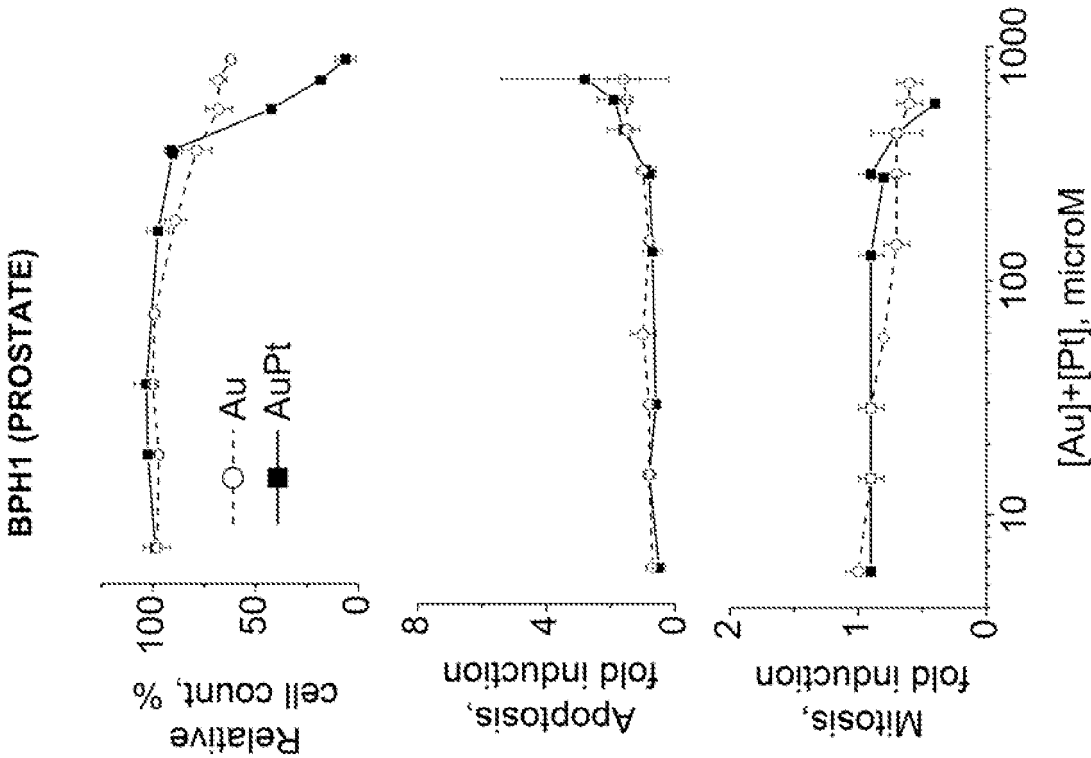


Figure 32h

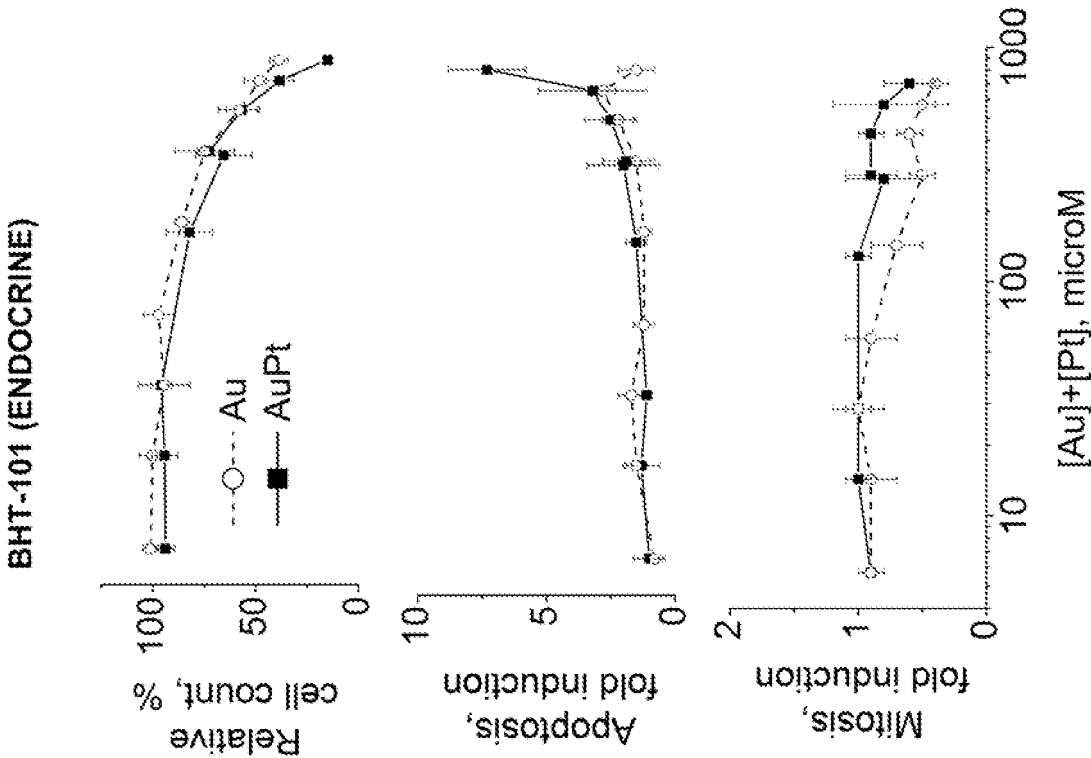


Figure 32g

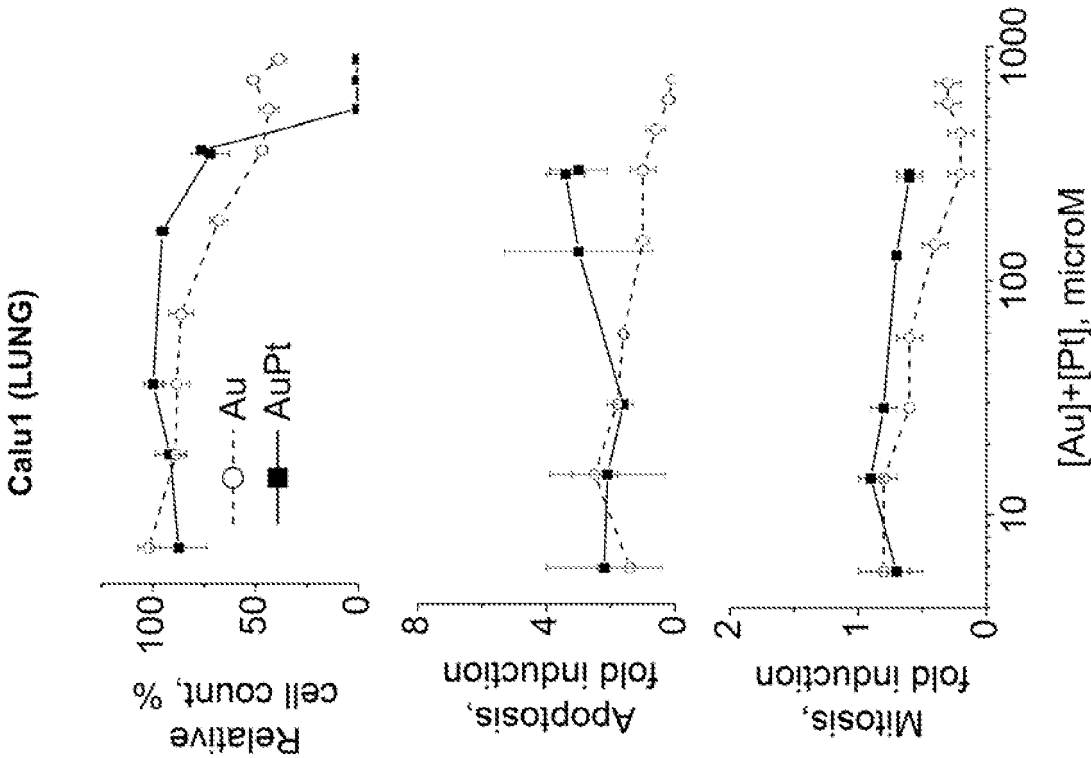


Figure 32j

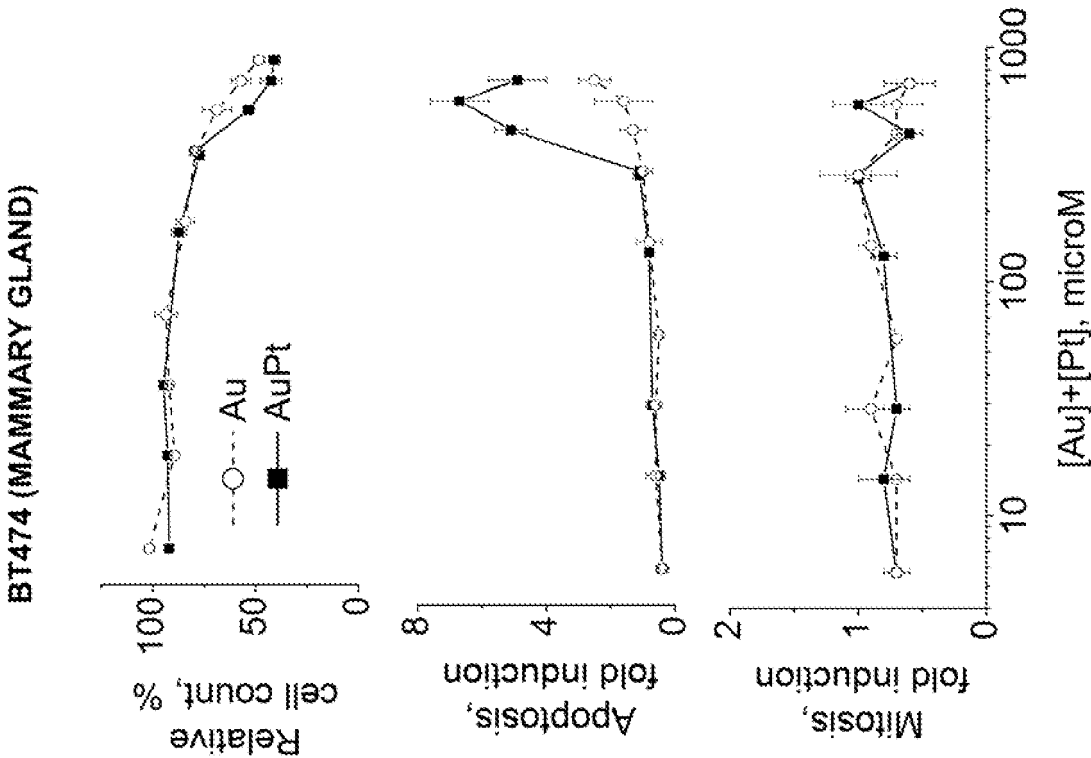


Figure 32i

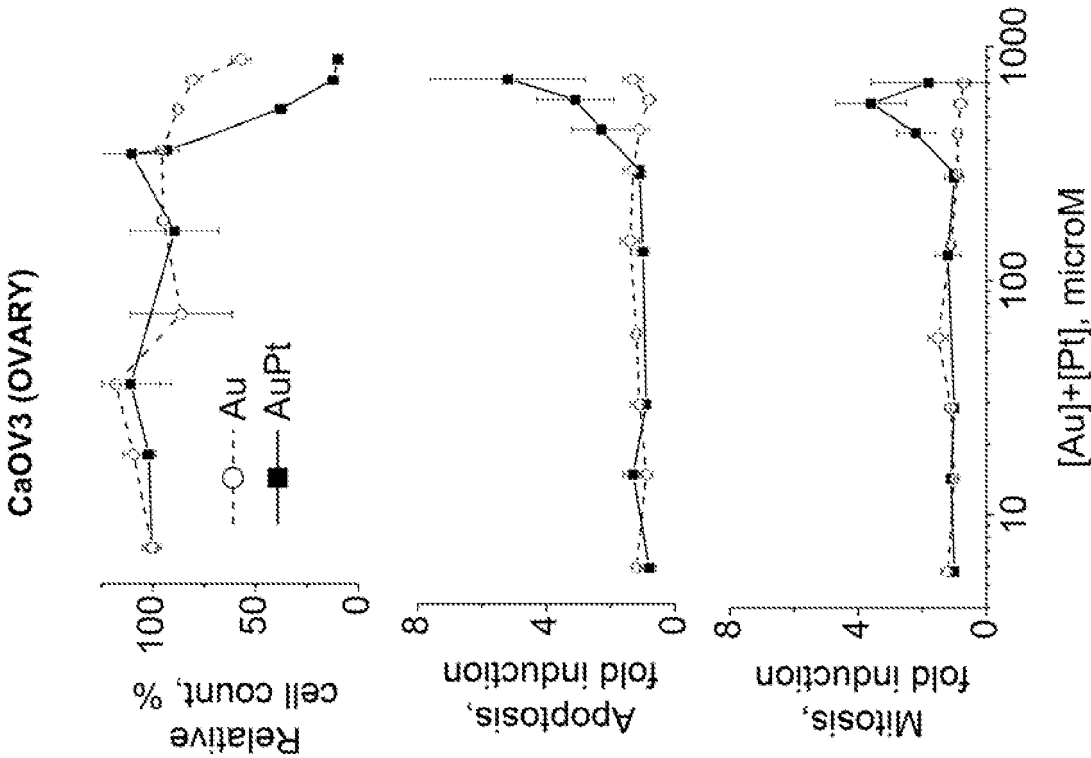


Figure 32i

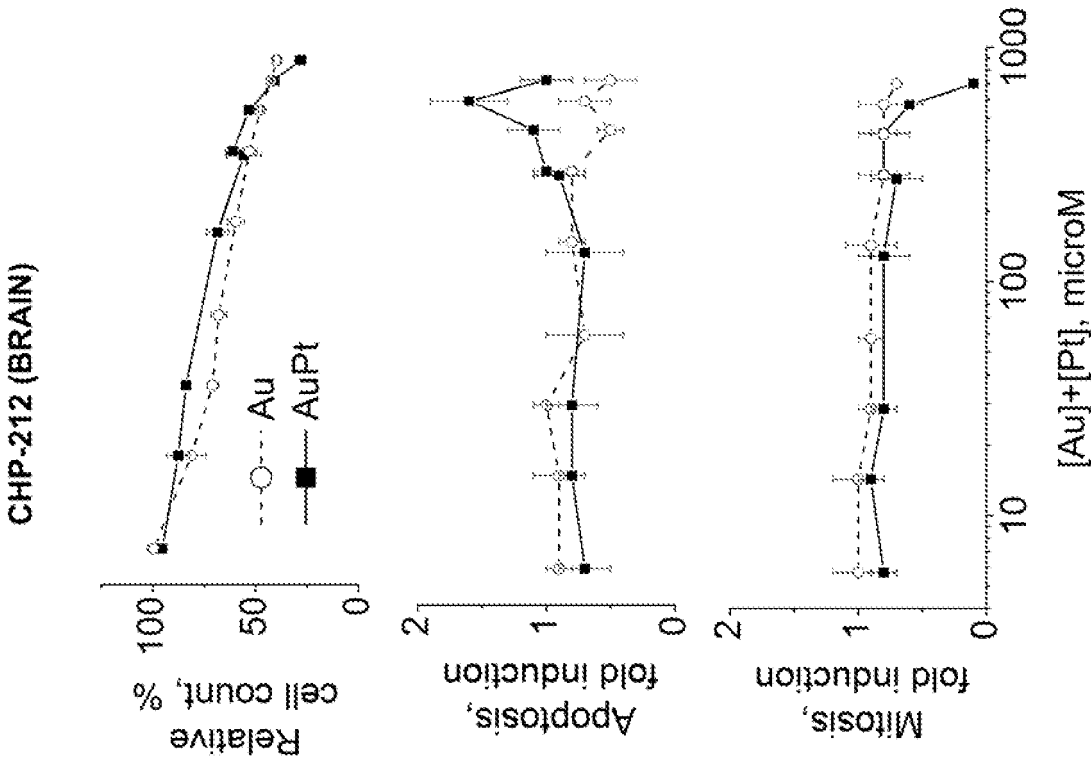


Figure 32k

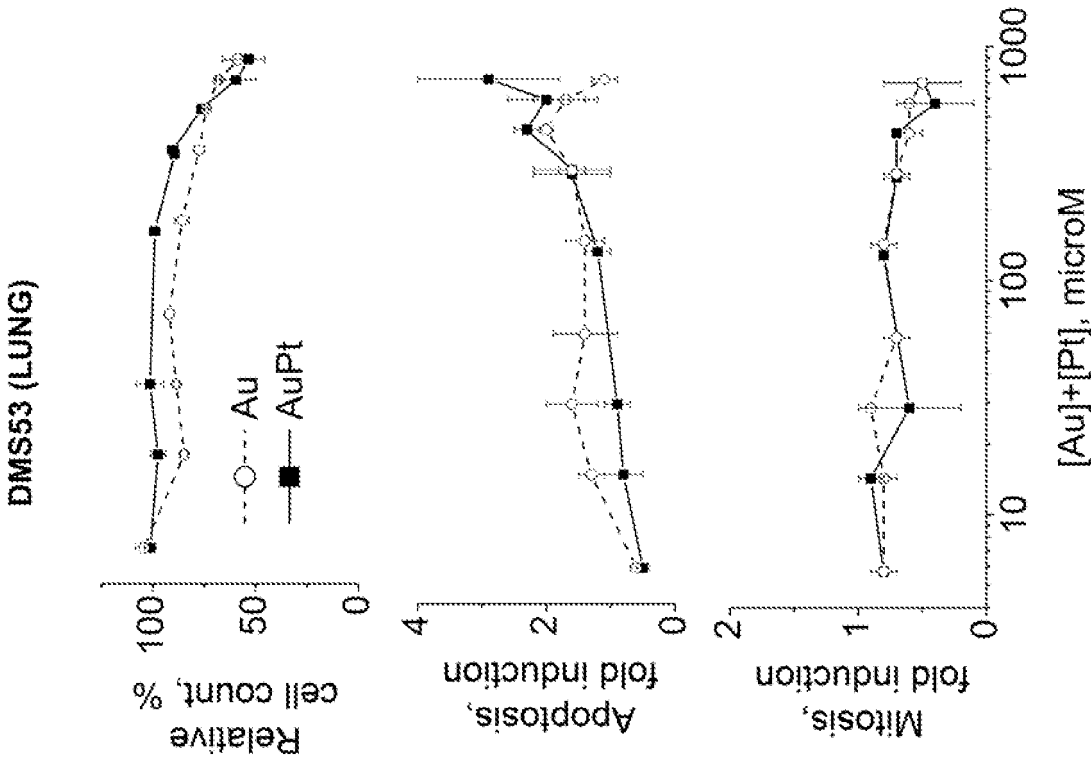


Figure 32n

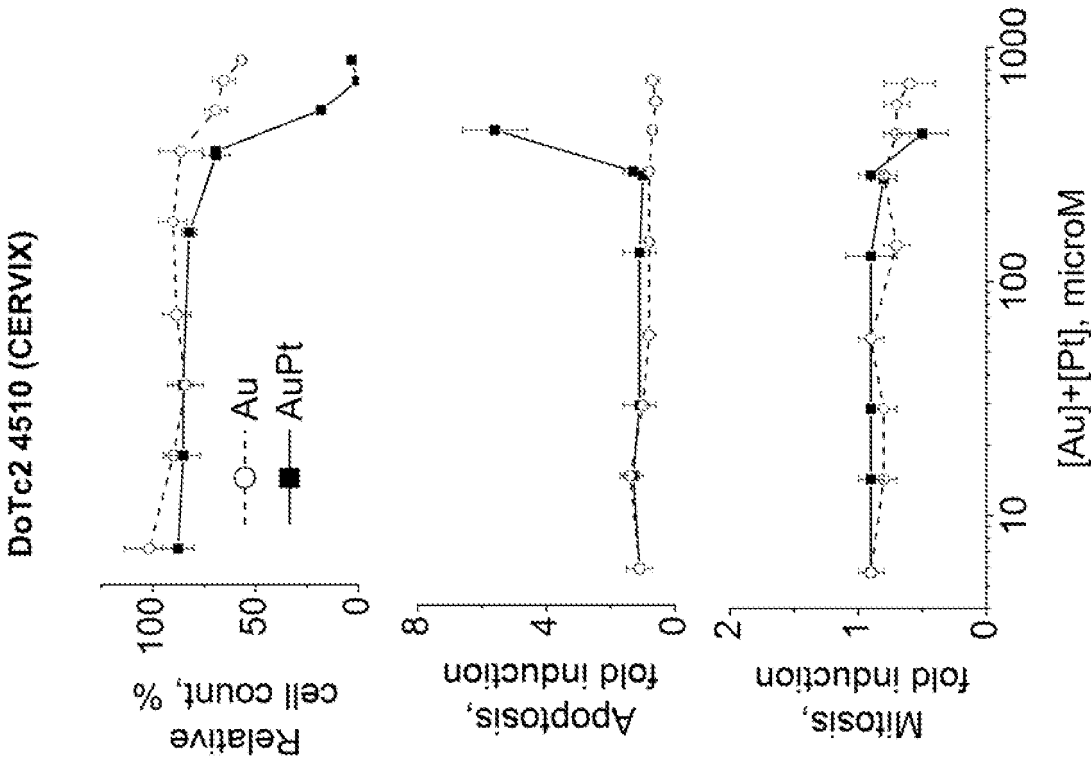


Figure 32m

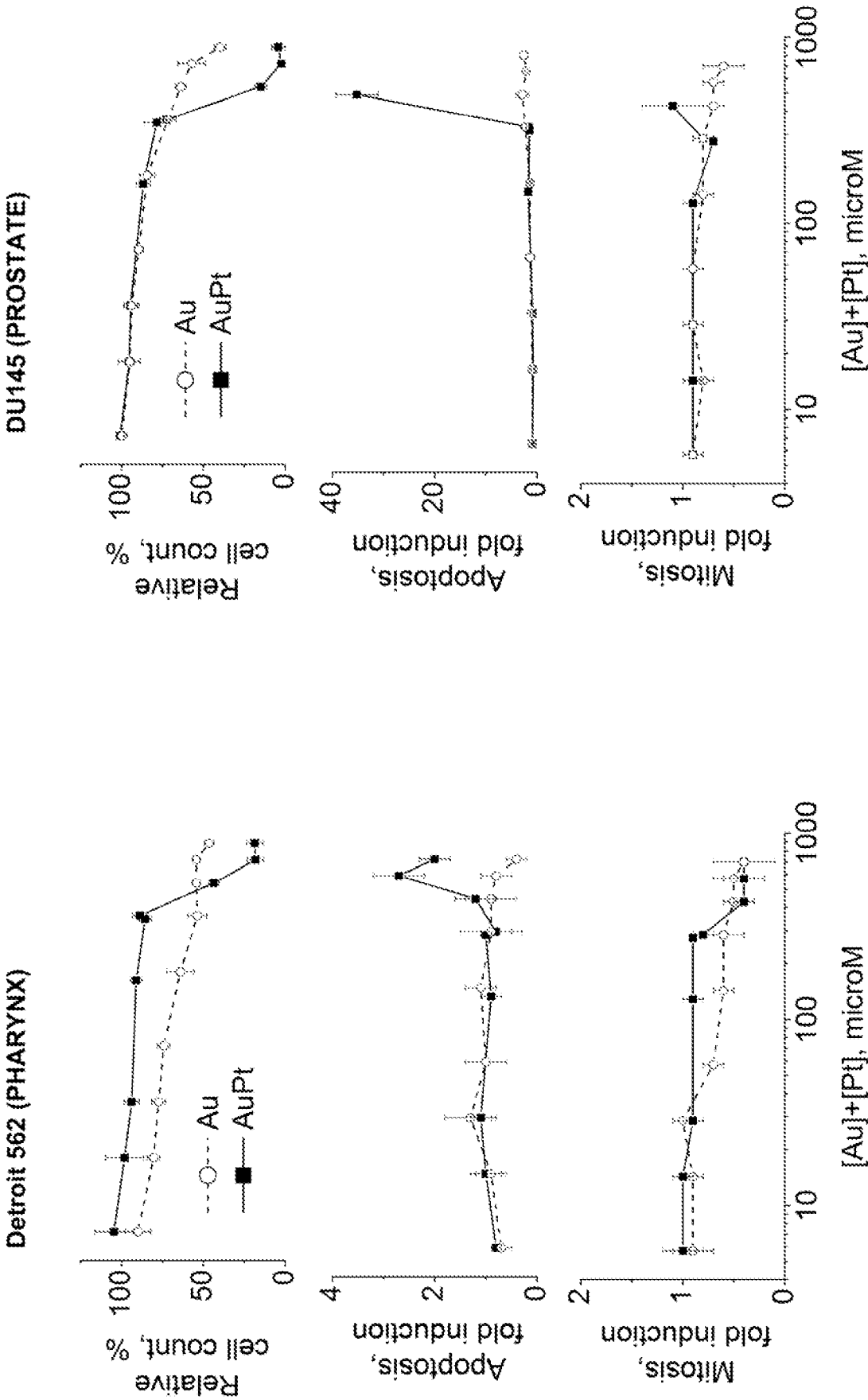


Figure 32p

Figure 32o

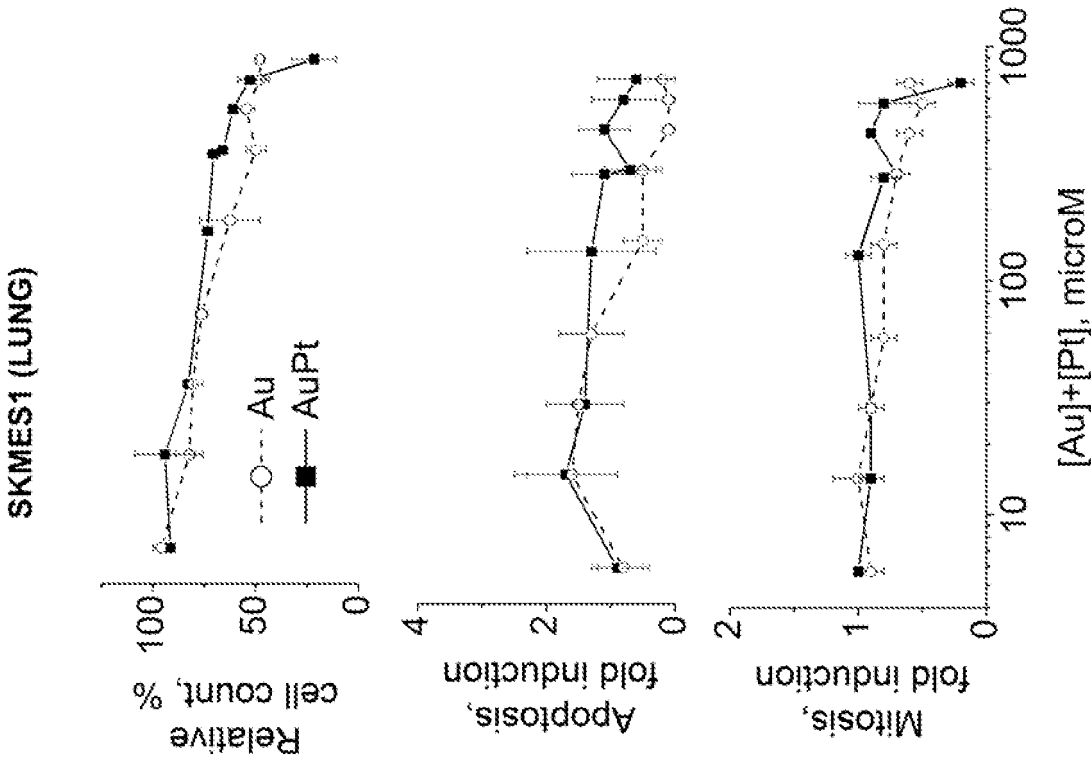


Figure 32r

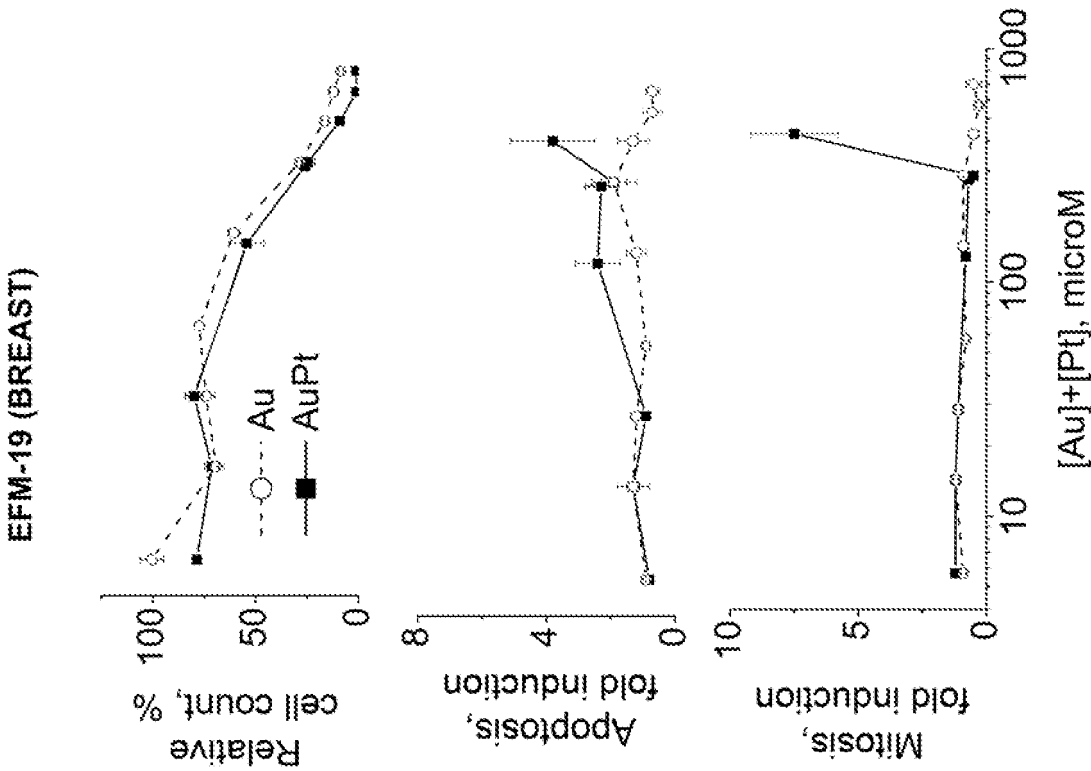


Figure 32q

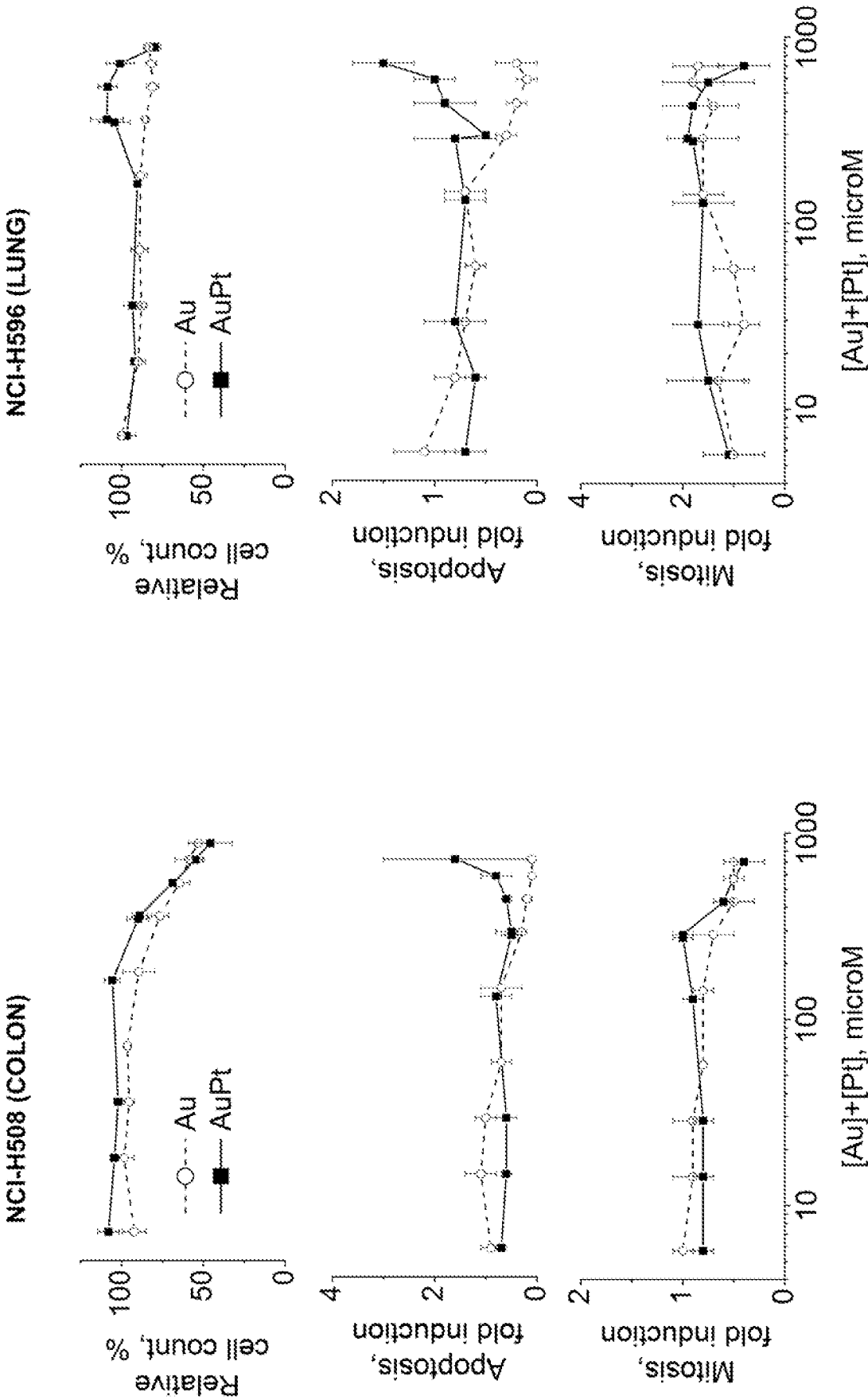


Figure 32t

Figure 32s

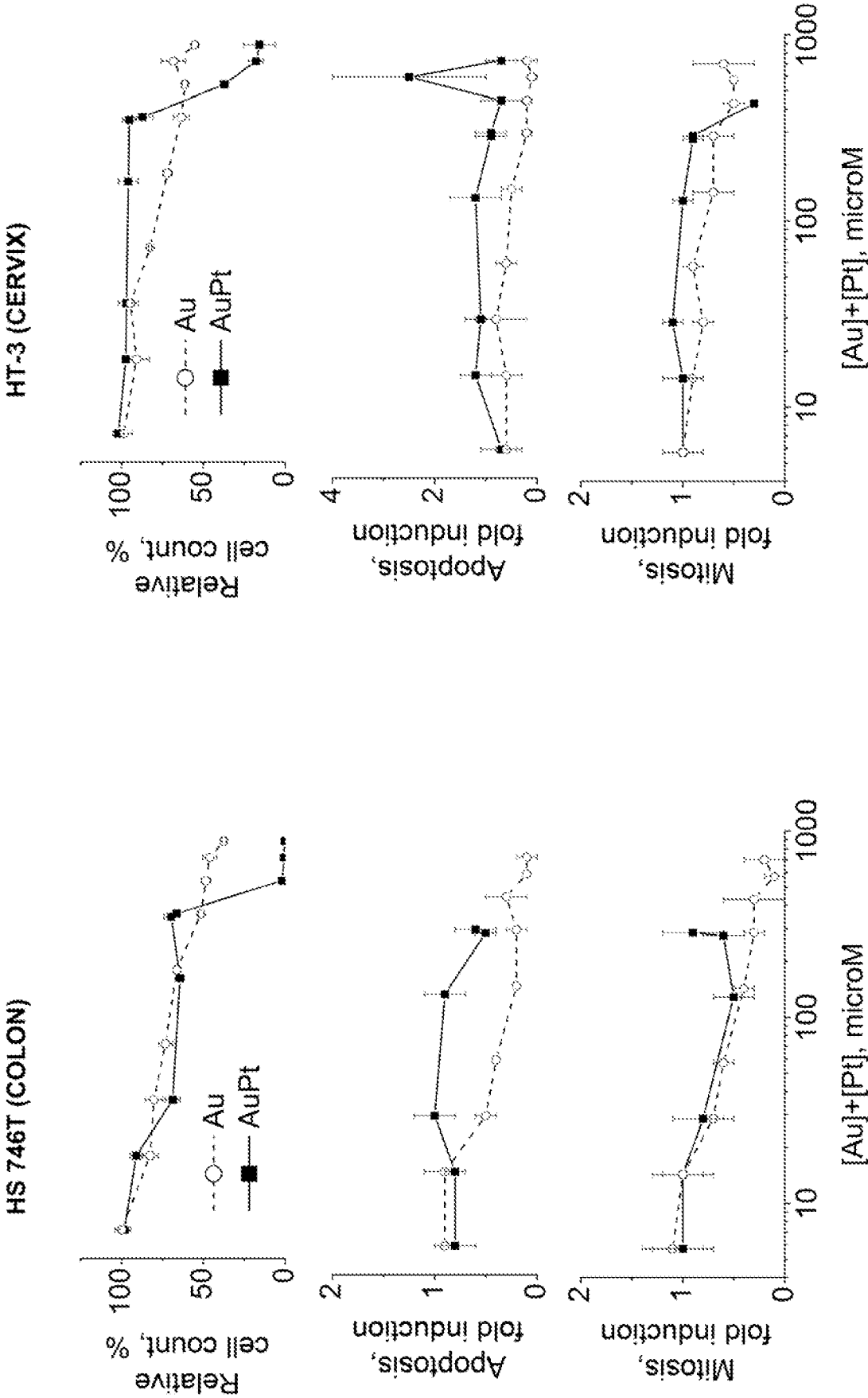


Figure 32v

Figure 32u

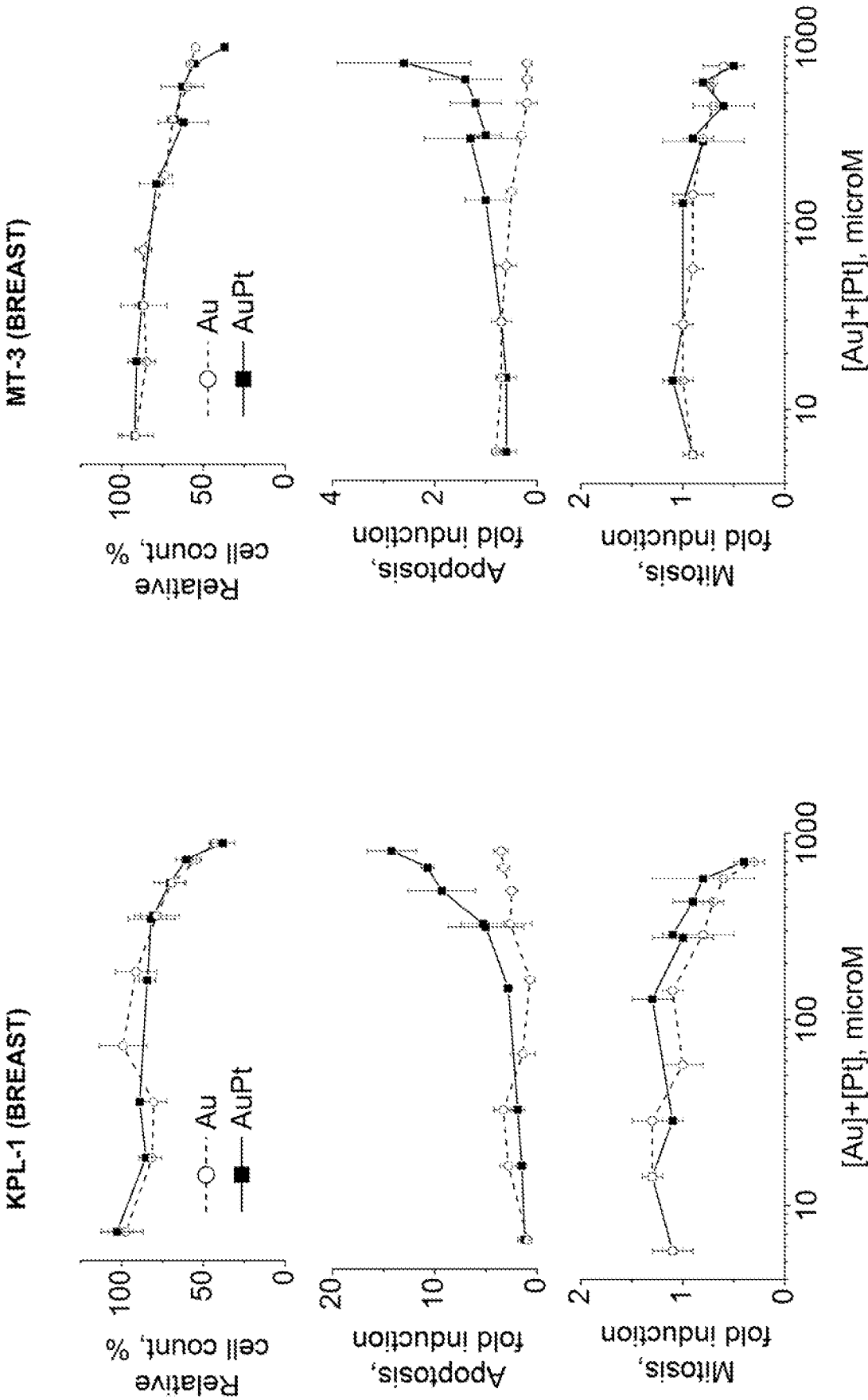


Figure 32x

Figure 32w

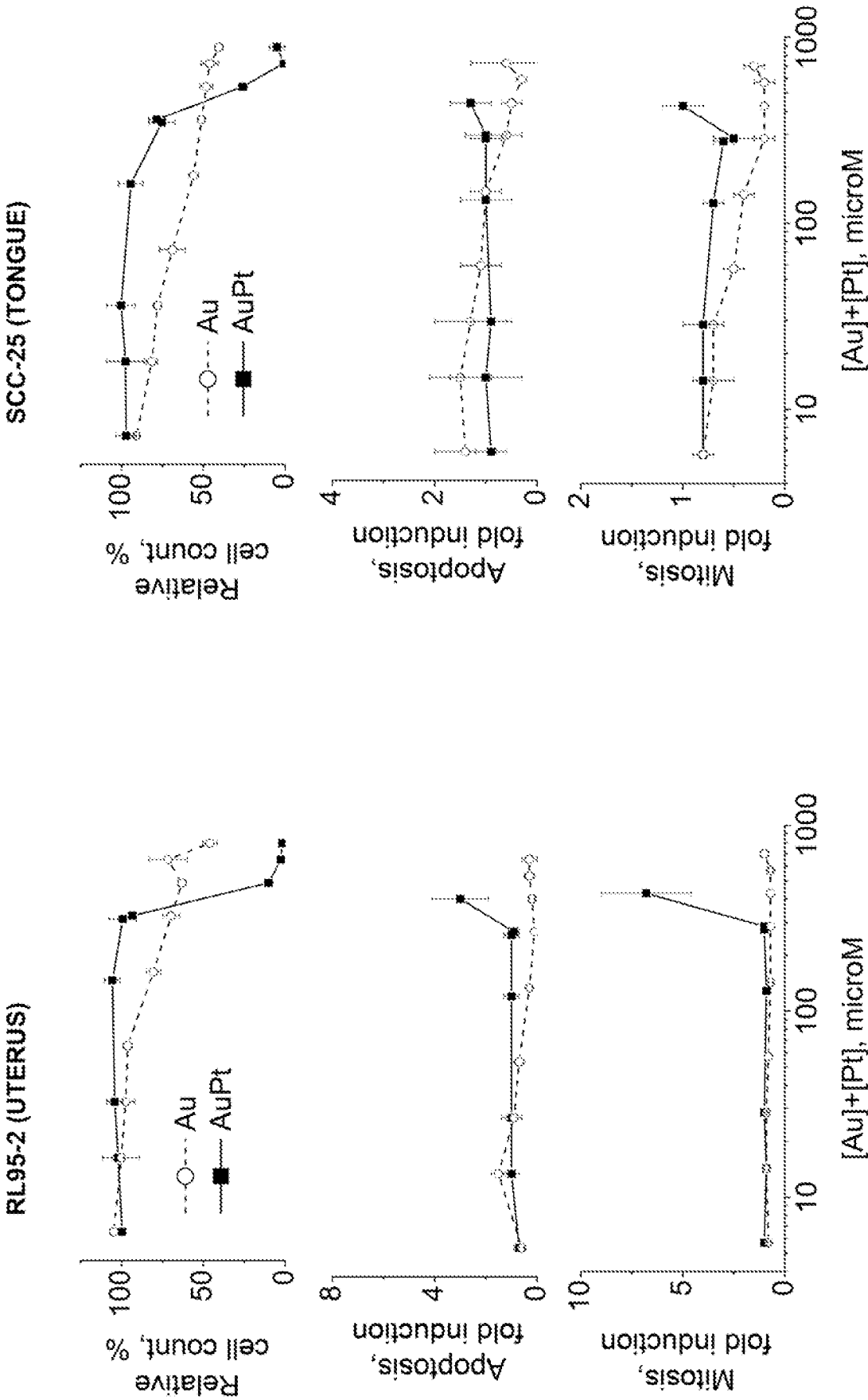


Figure 32z

Figure 32y

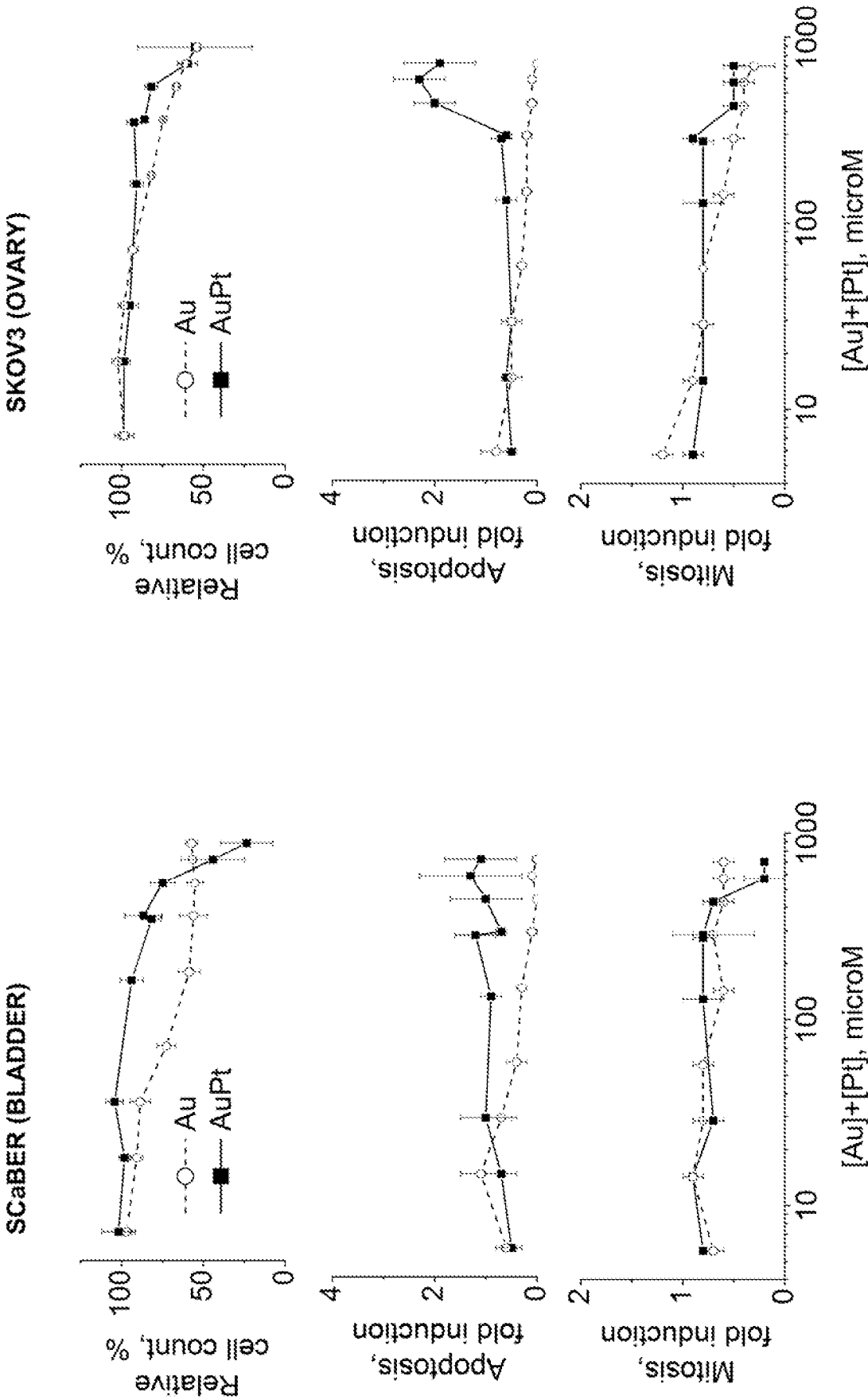


Figure 32ab

Figure 32aa

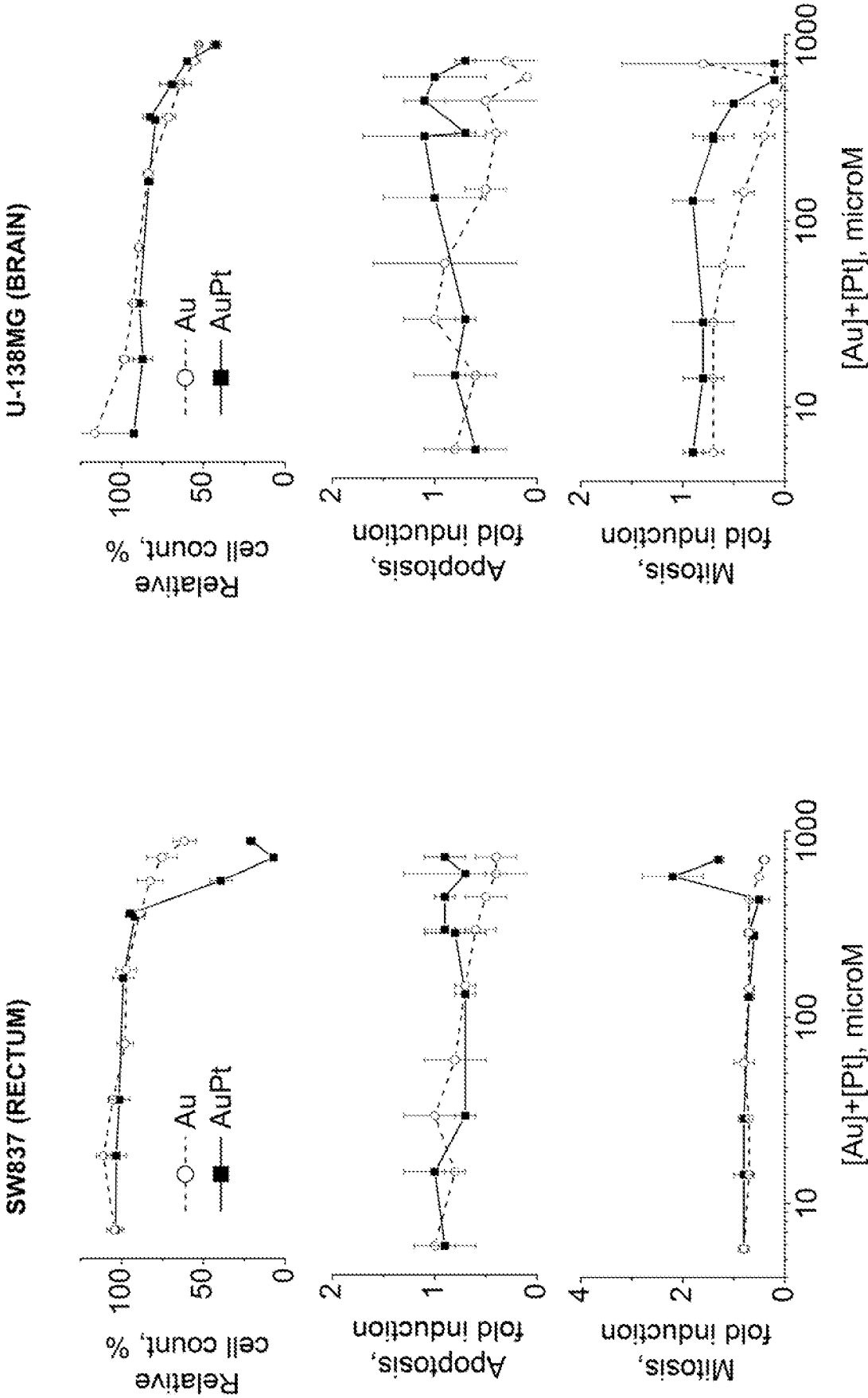


Figure 32ac

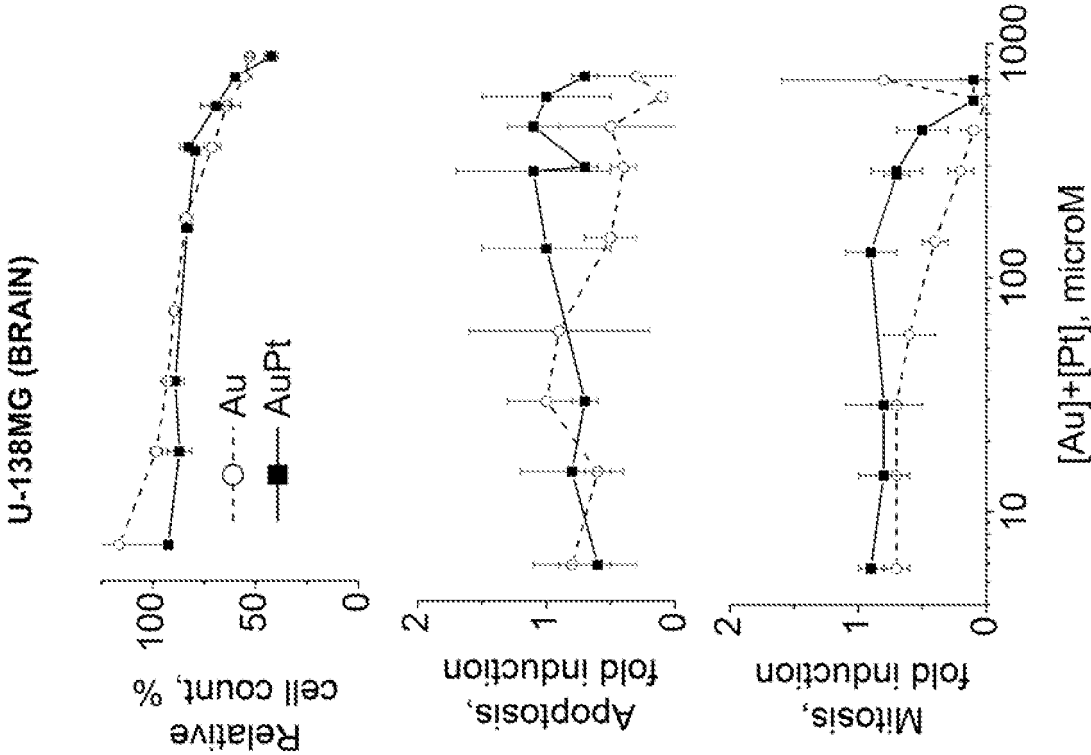


Figure 32ad

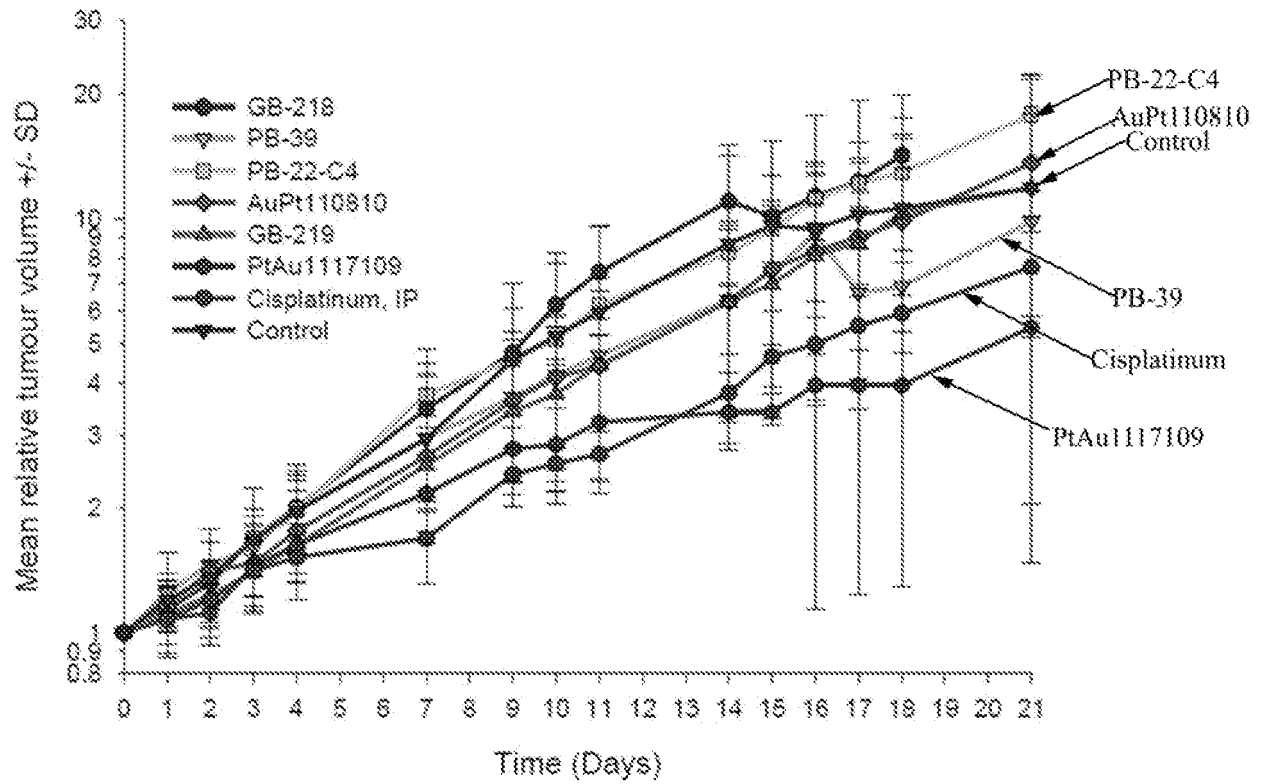


Figure 33a

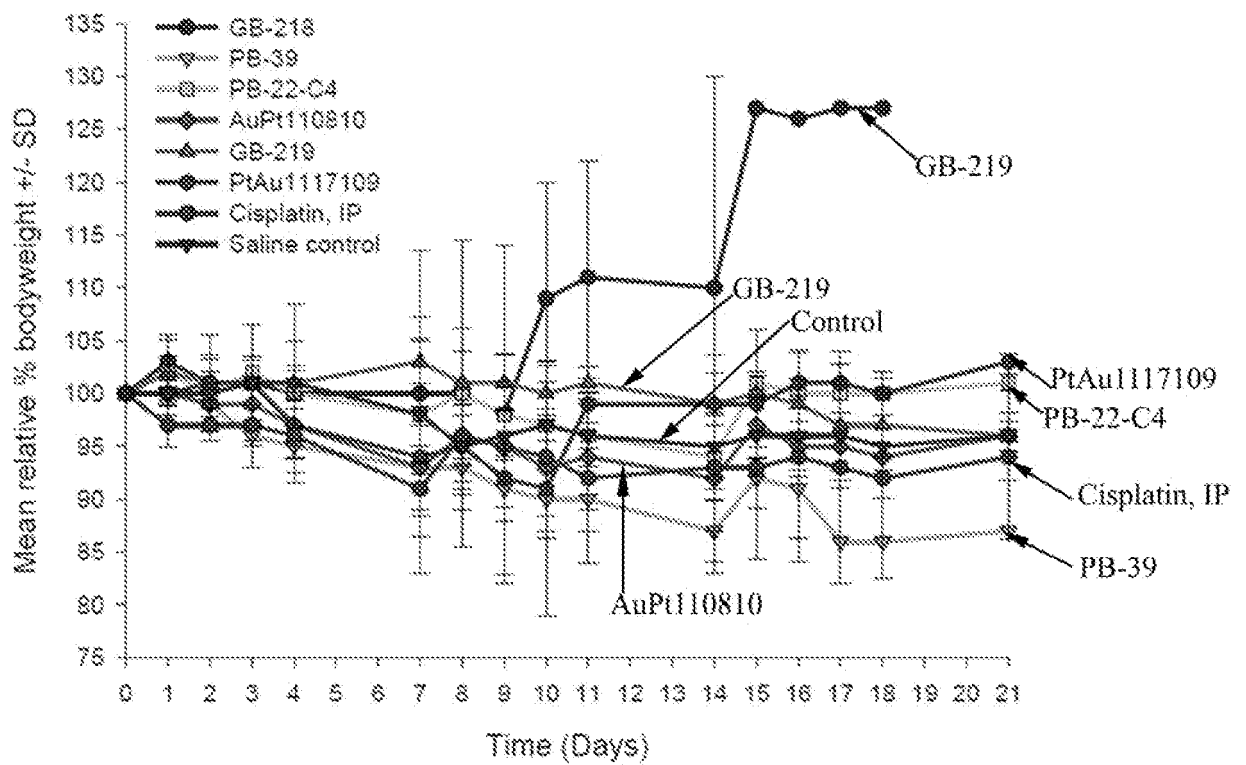


Figure 33b

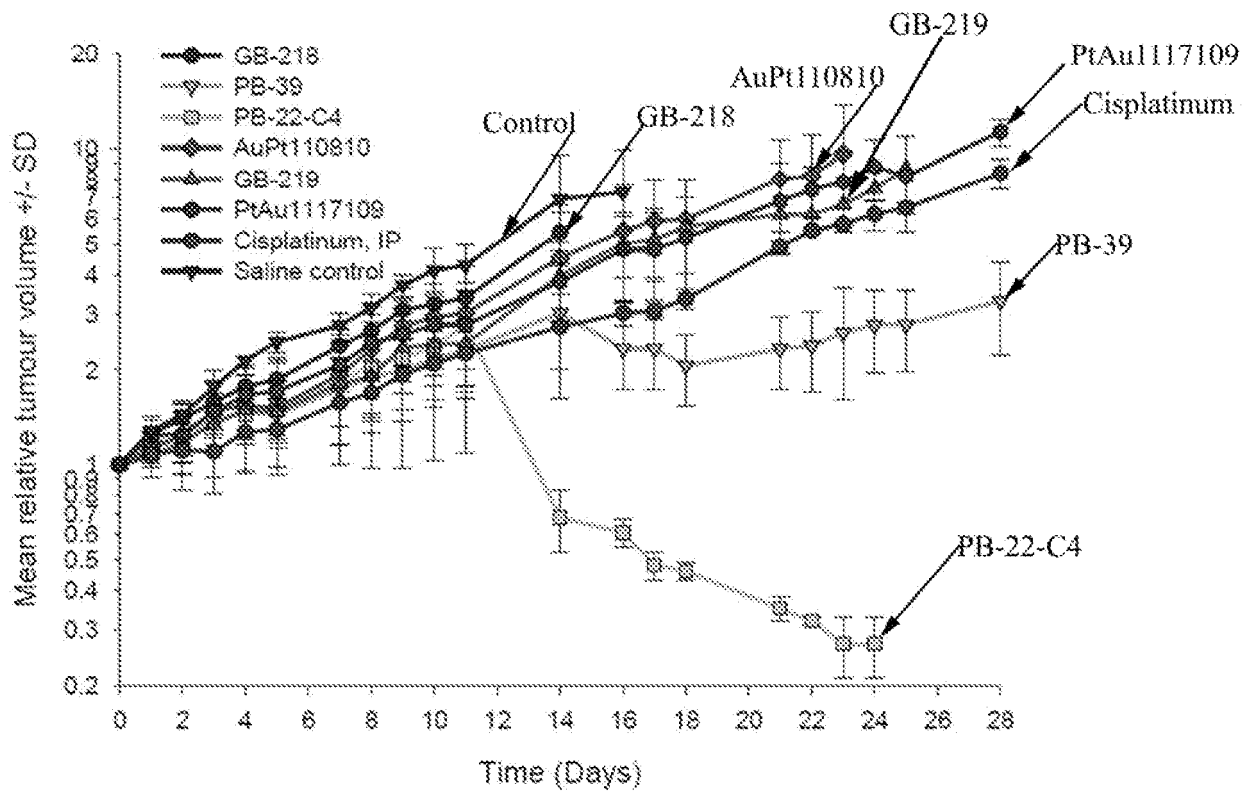


Figure 34a

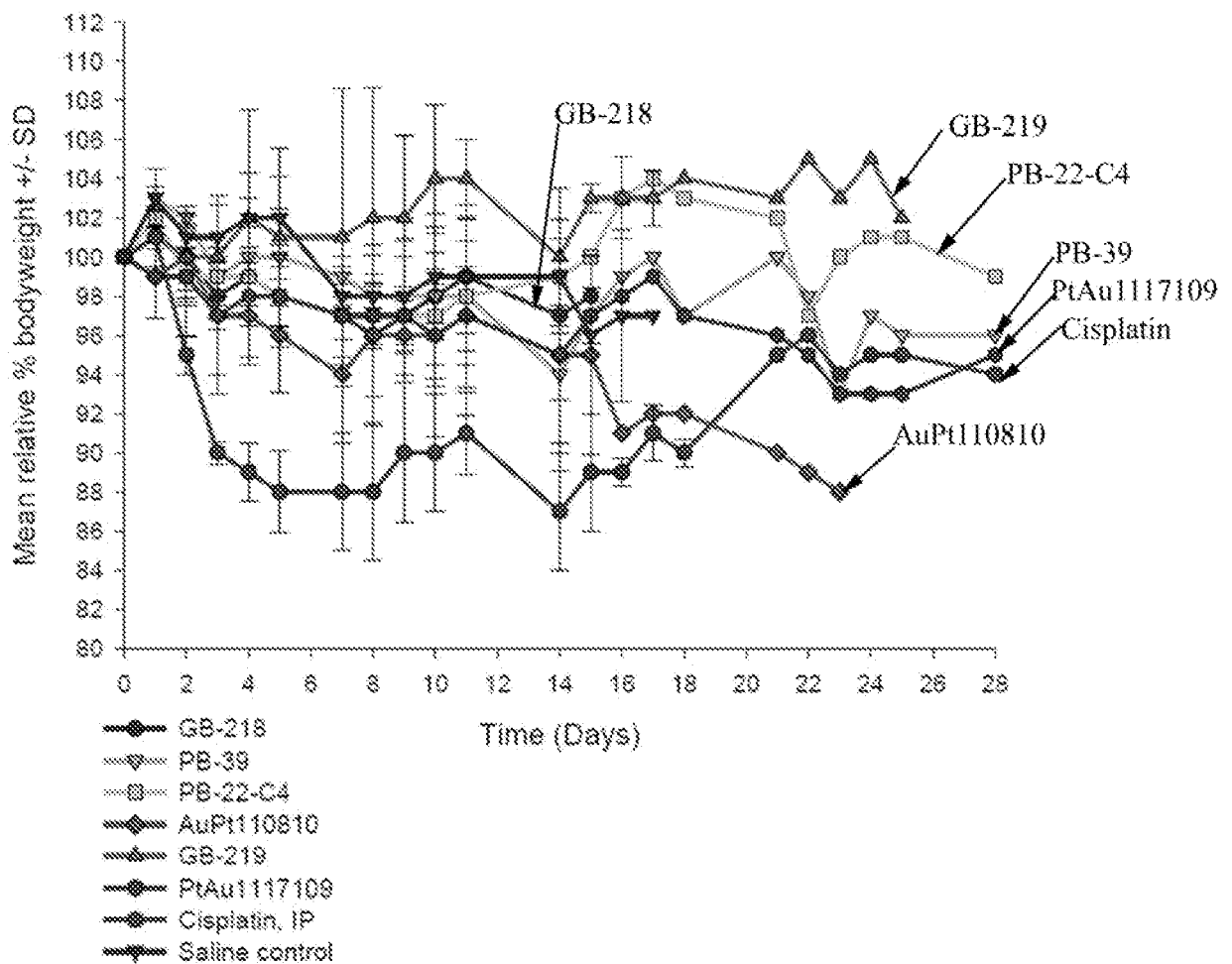


Figure 34b

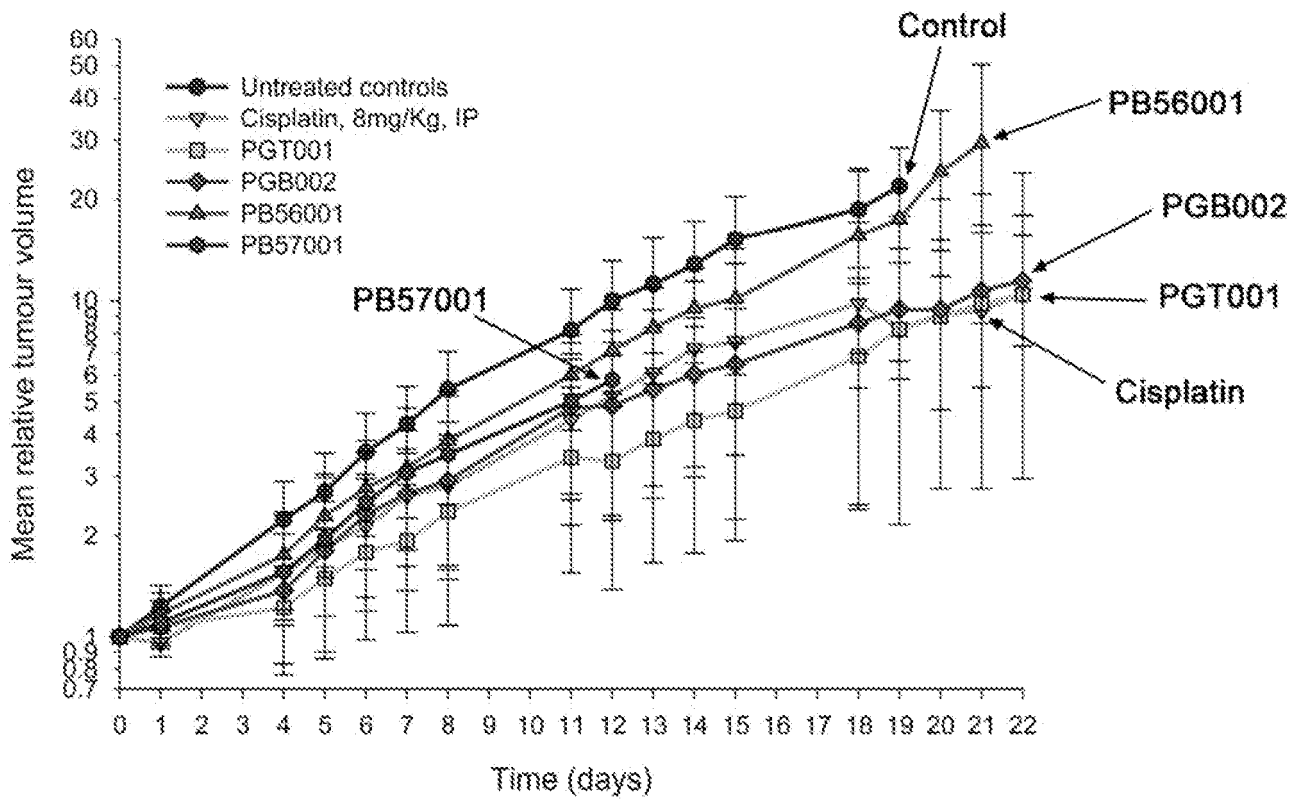


Figure 35a

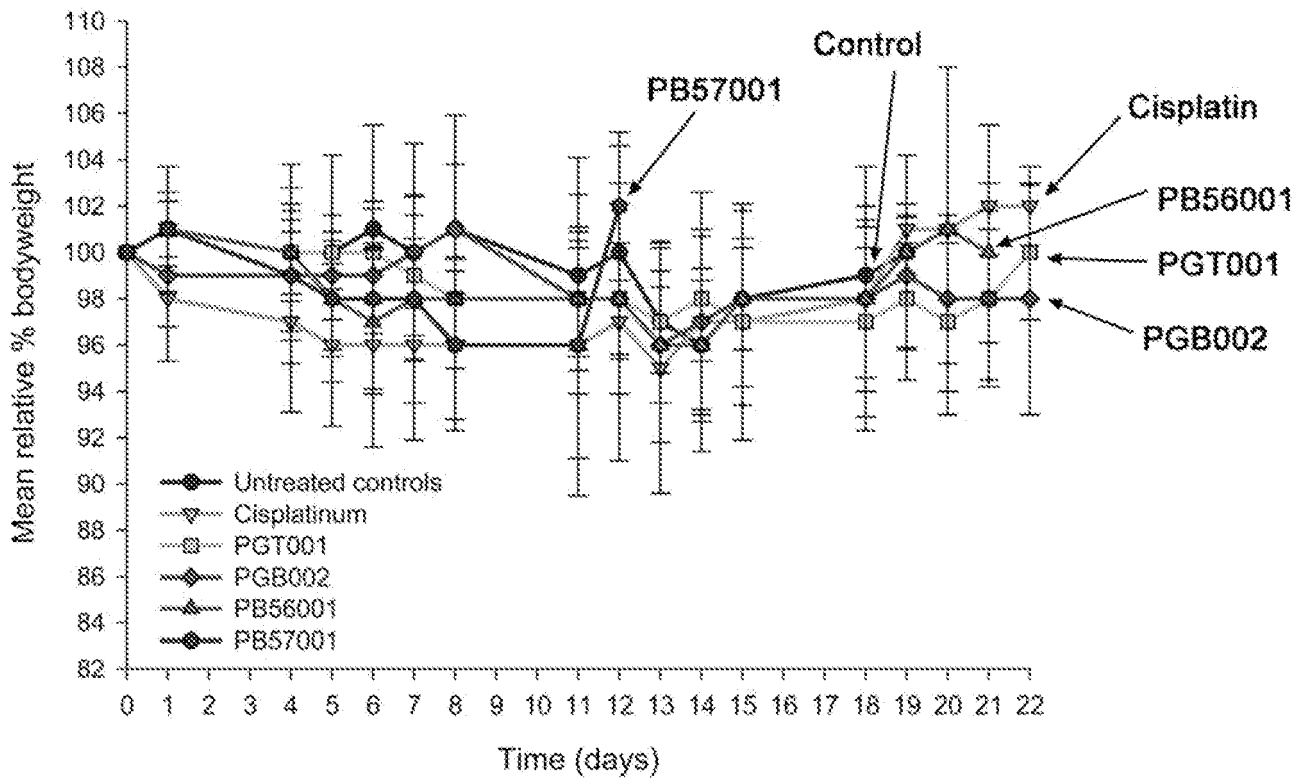


Figure 35b

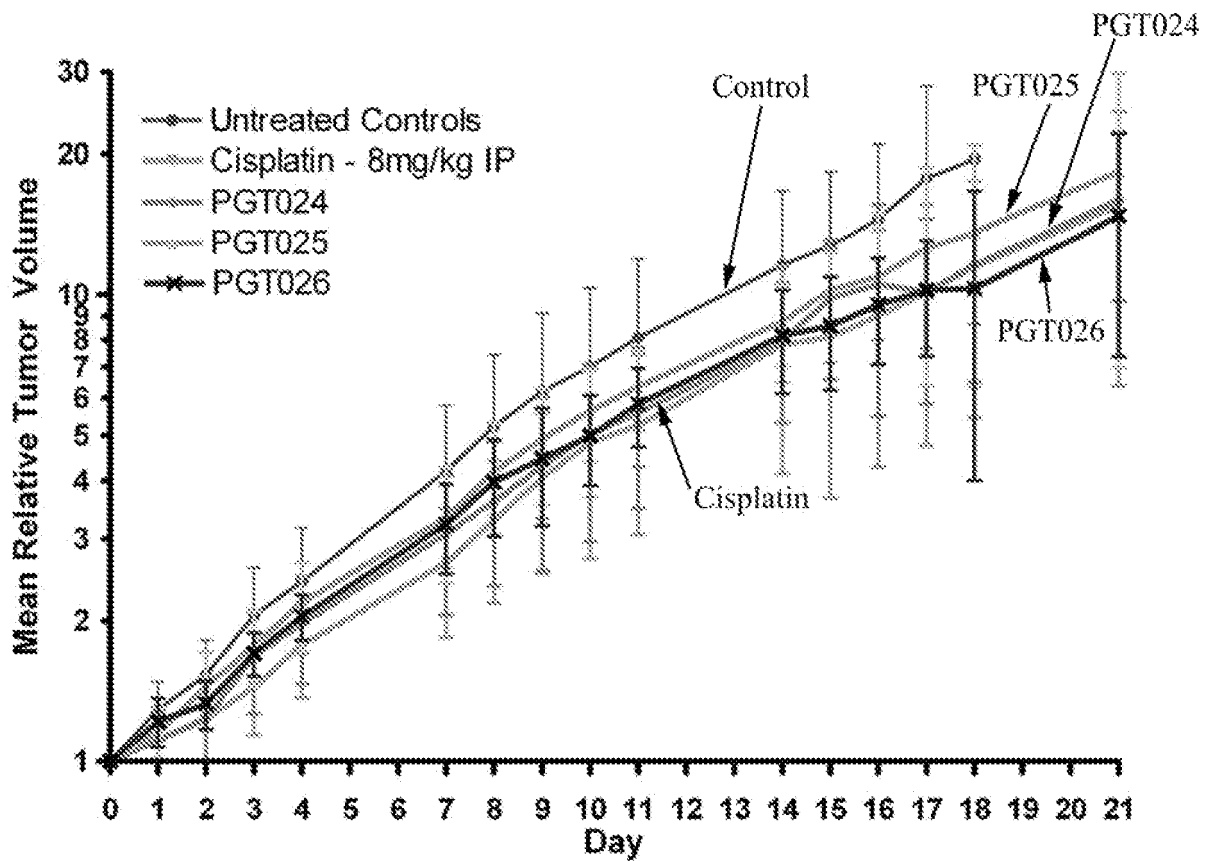


Figure 36a

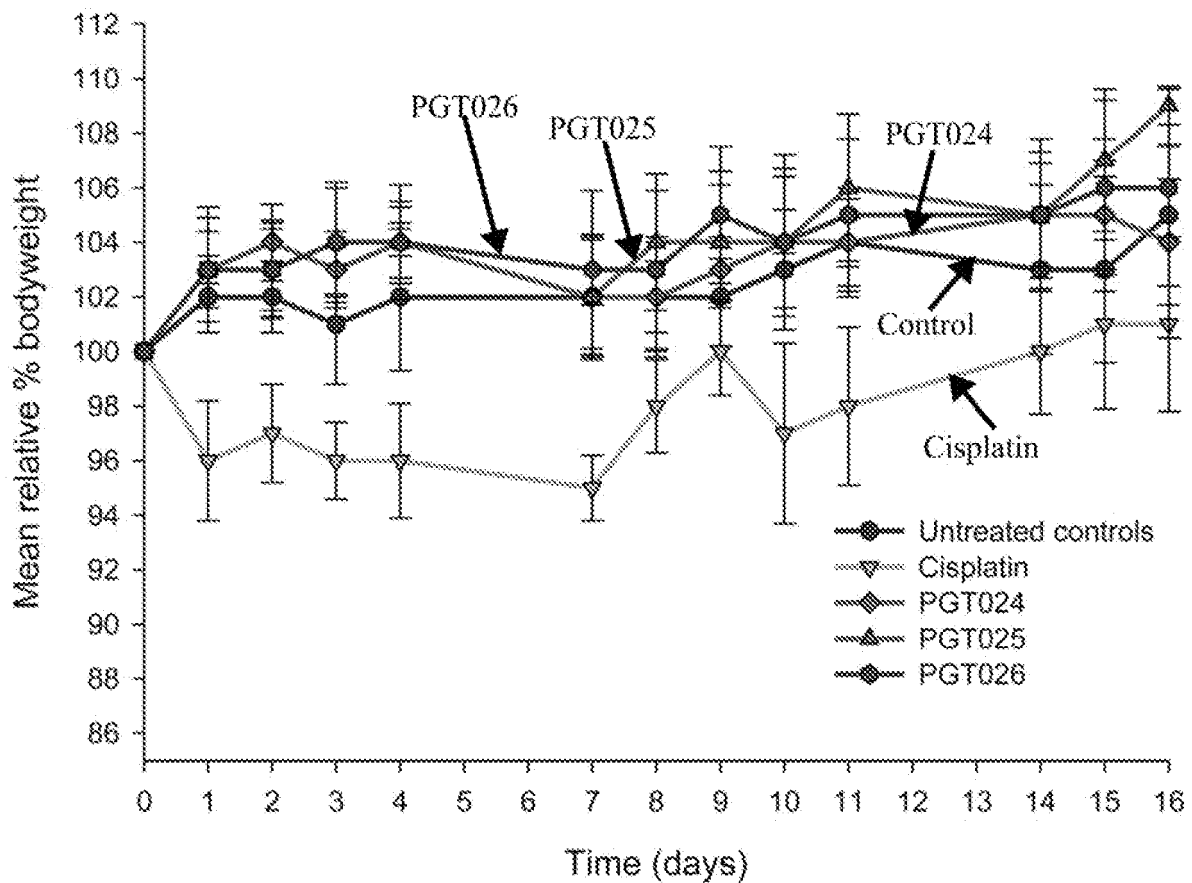


Figure 36b

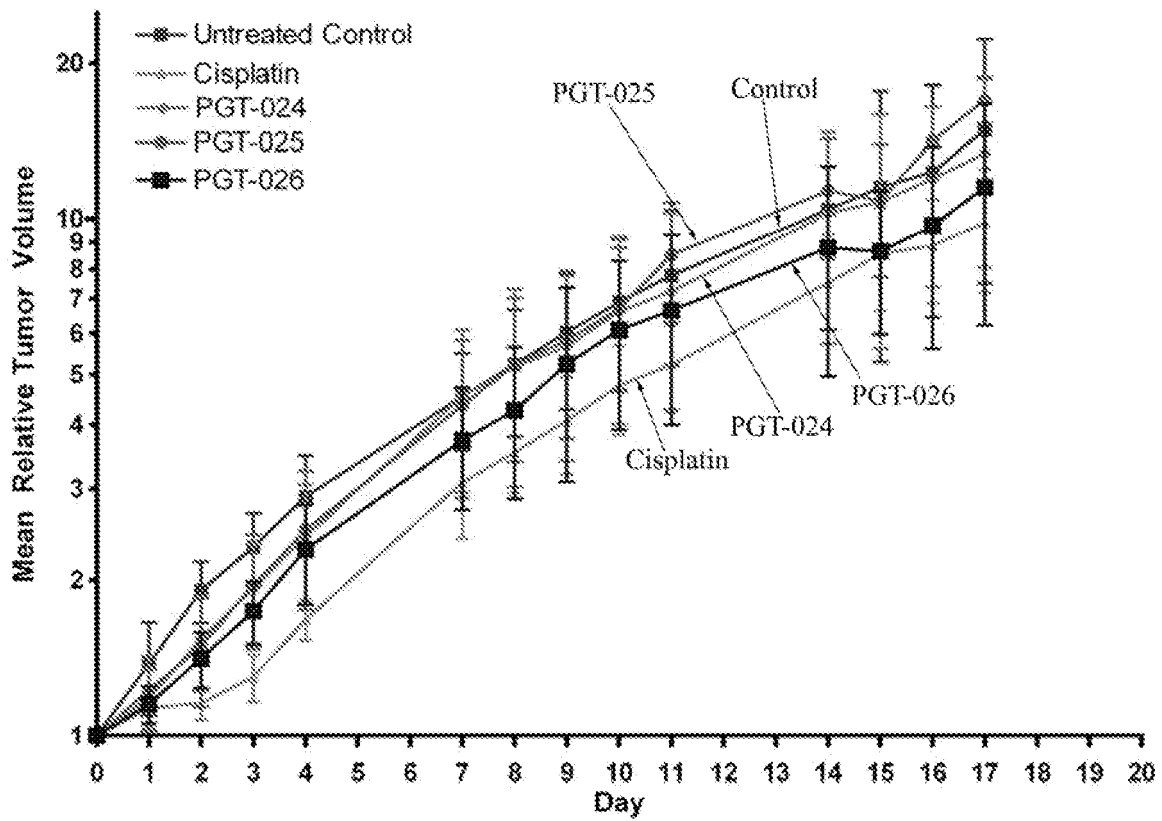


Figure 37a

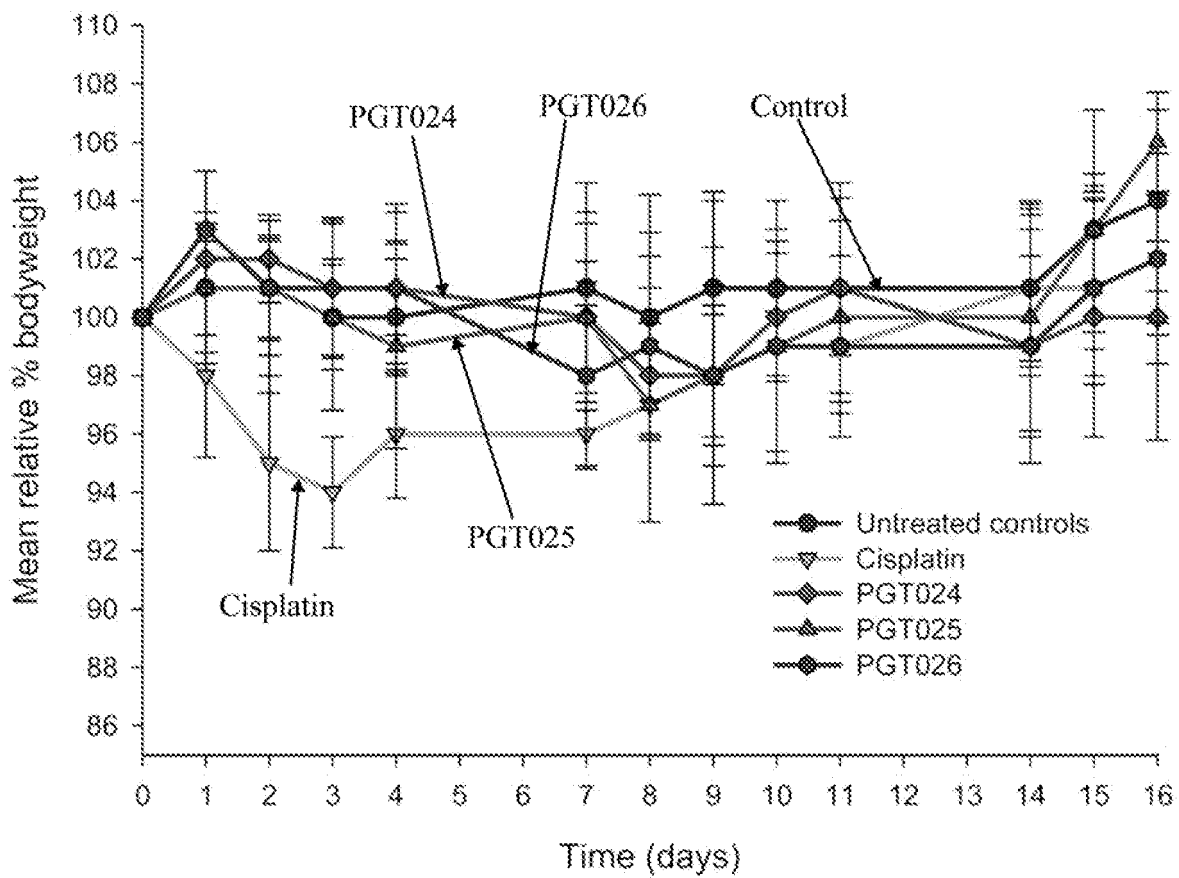


Figure 37b

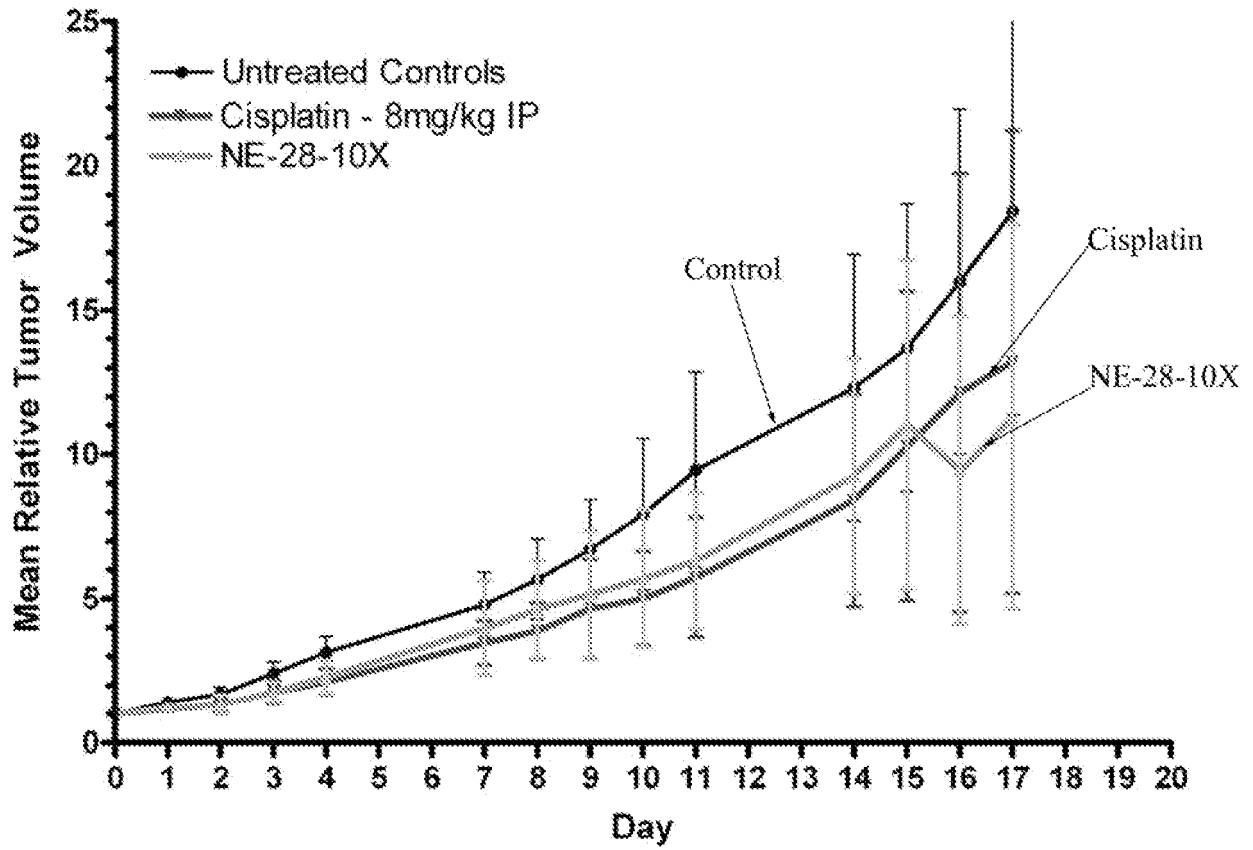


Figure 38a

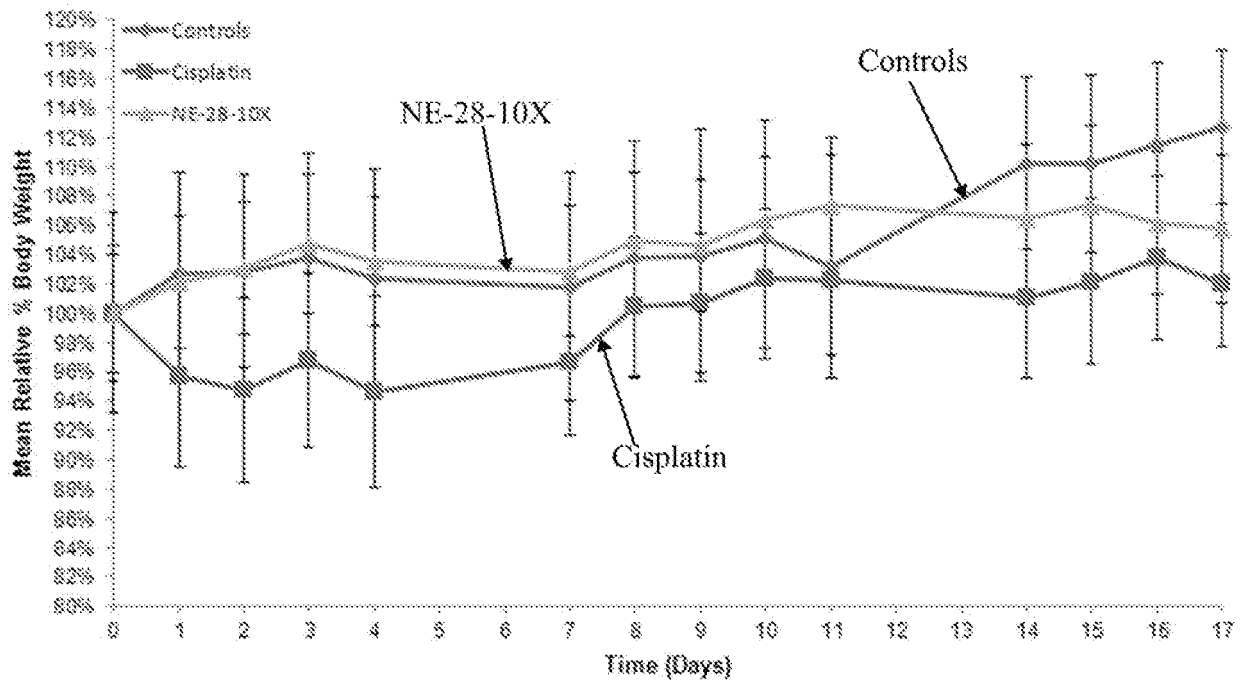


Figure 38b

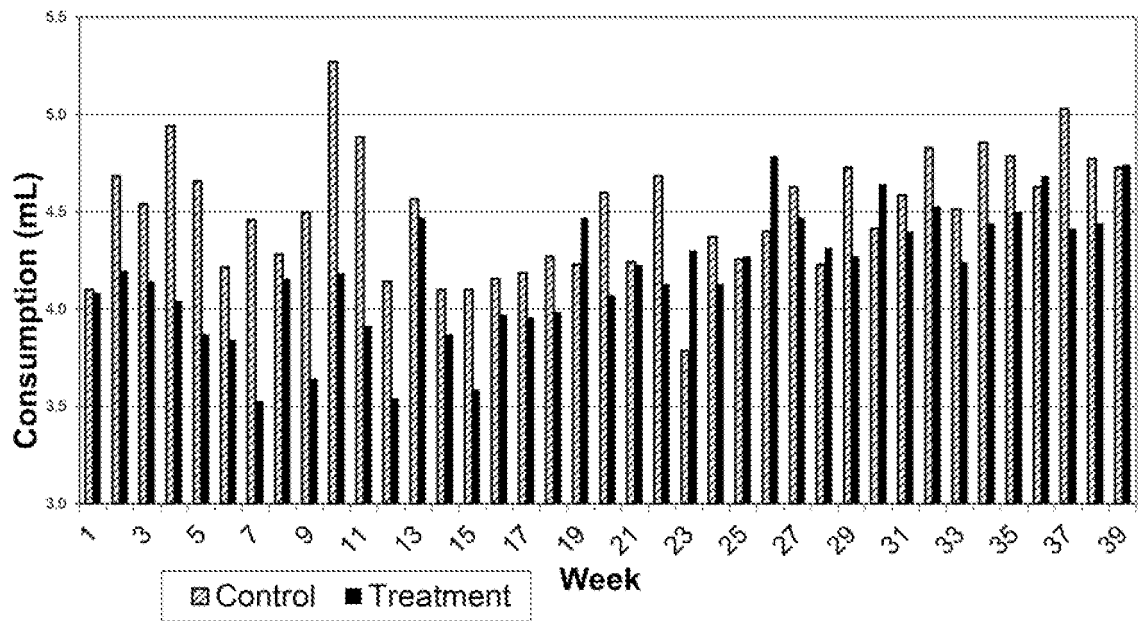


Figure 39a

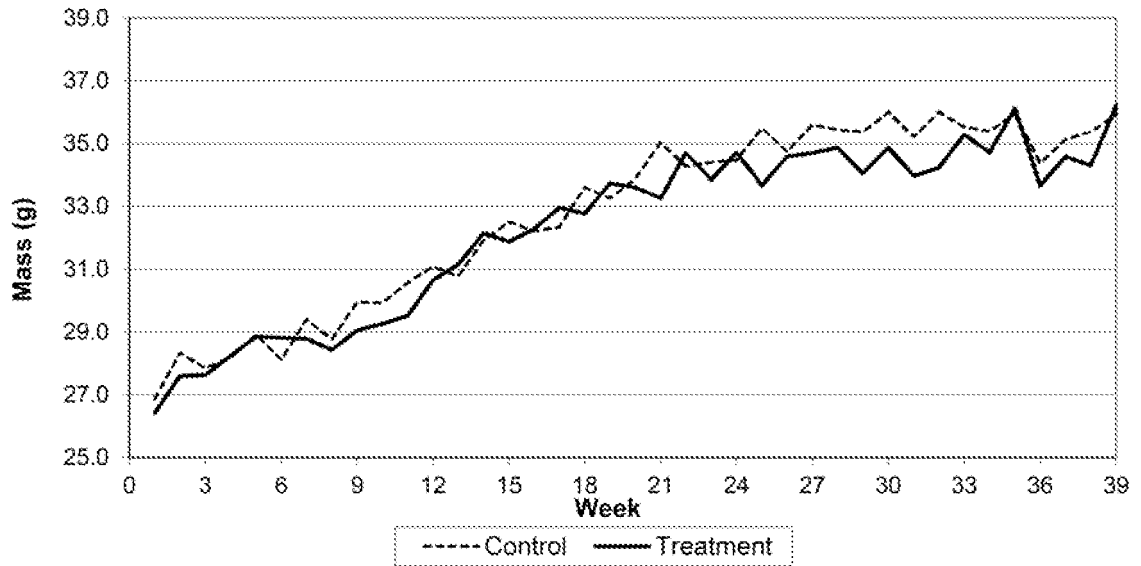
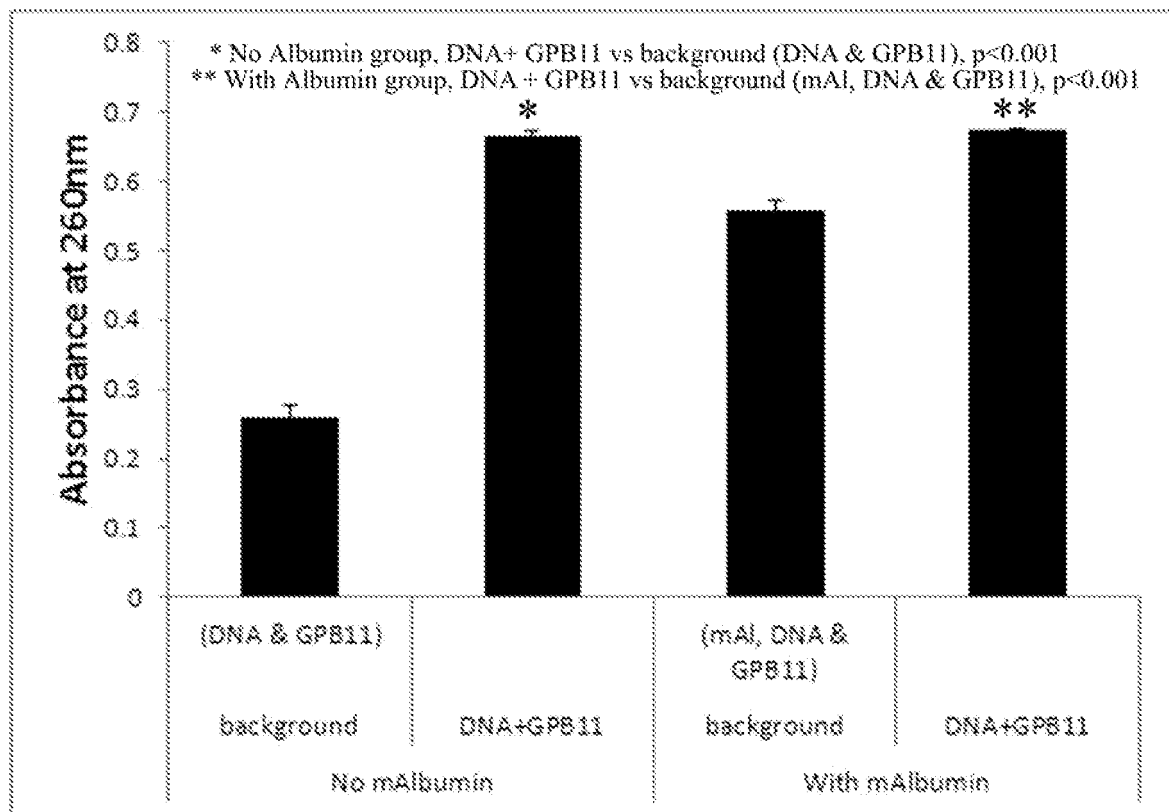
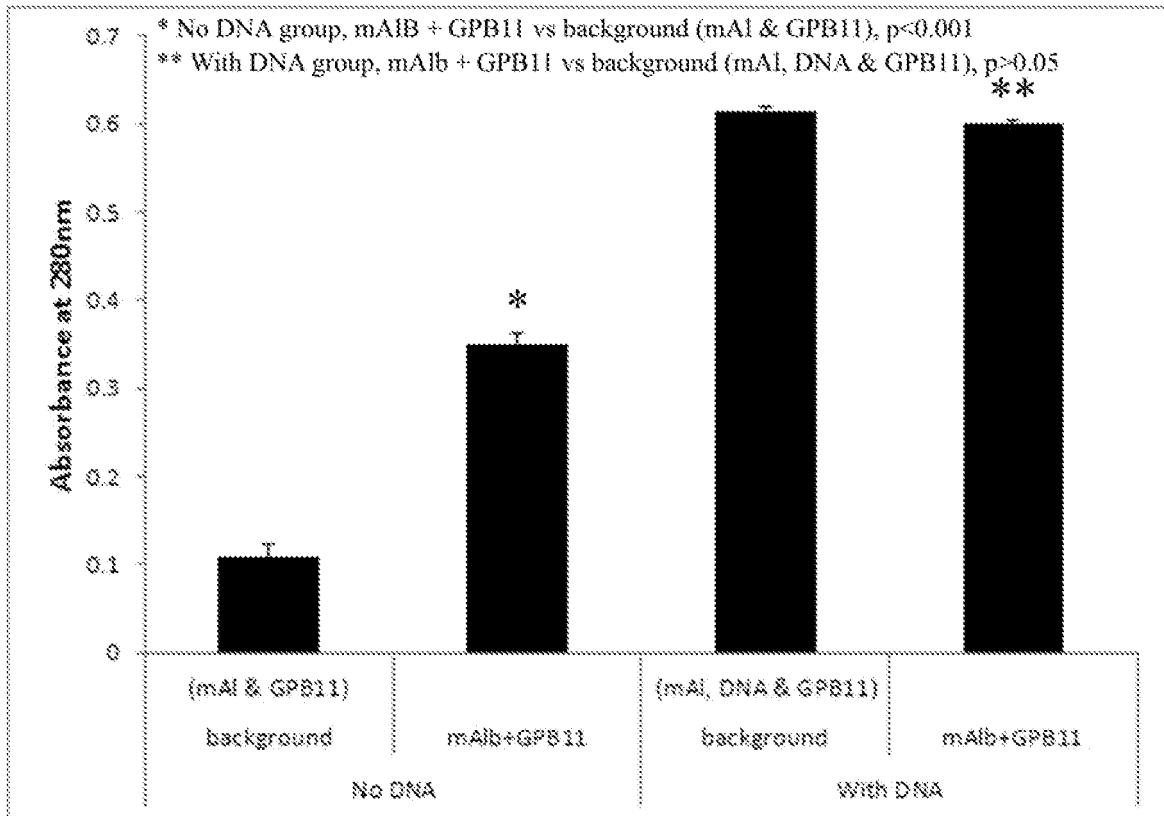


Figure 39b



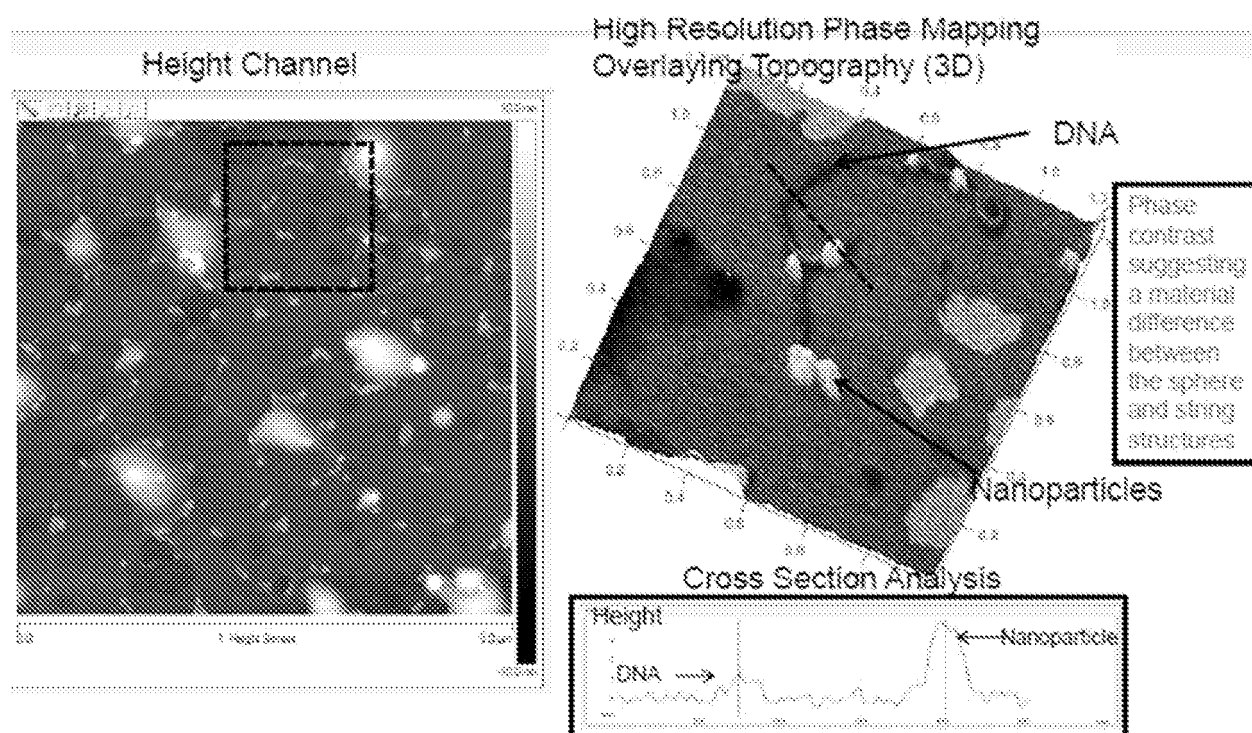


Figure 40c