

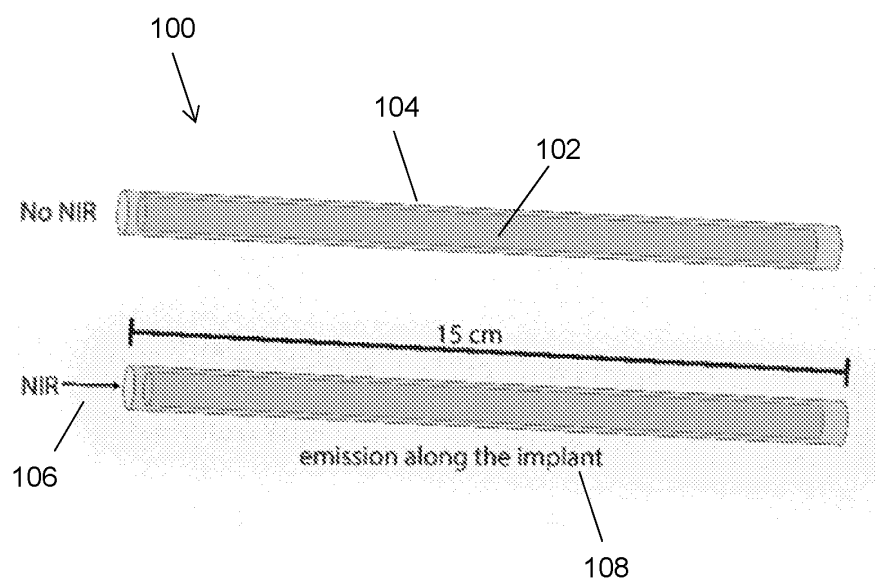


FIG. 1A

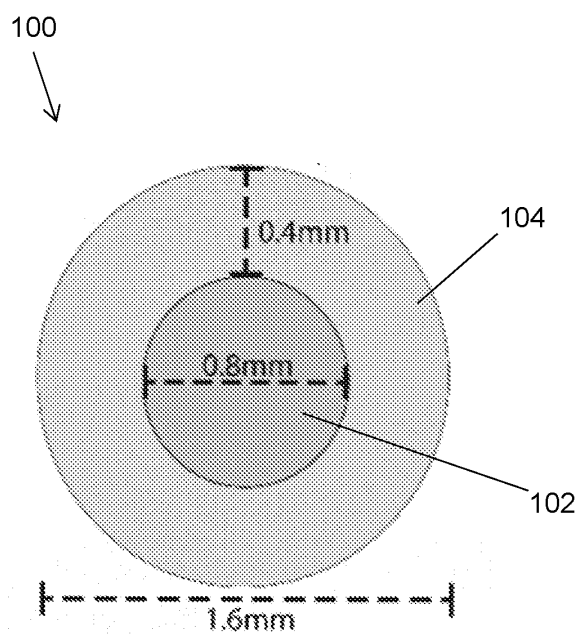
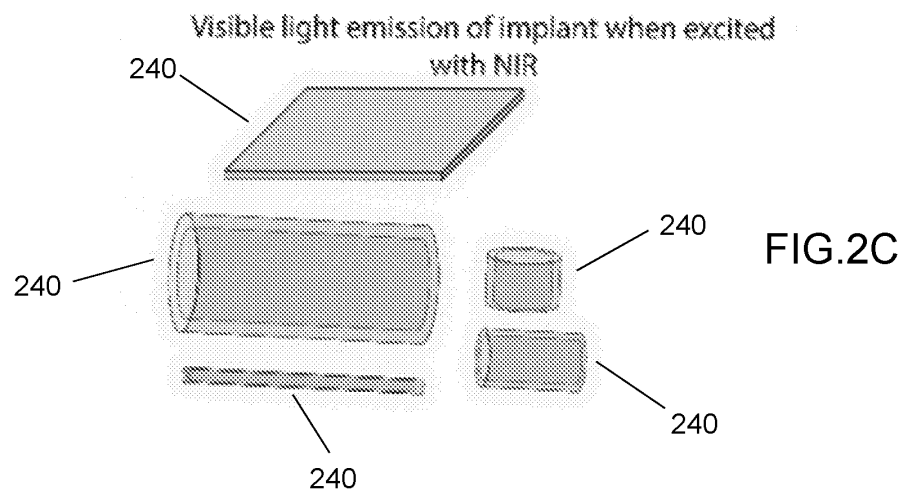
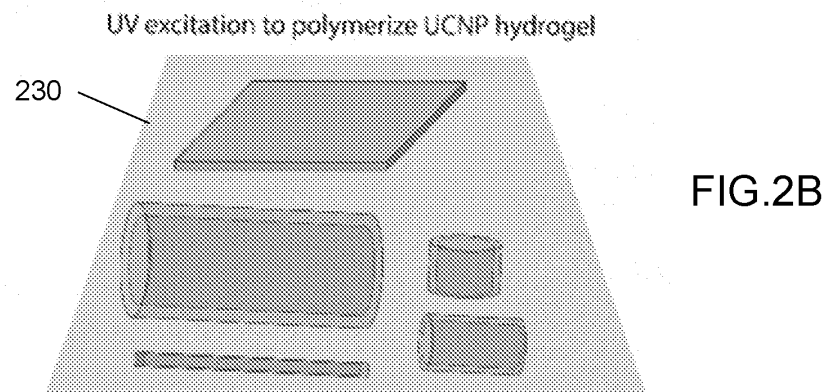
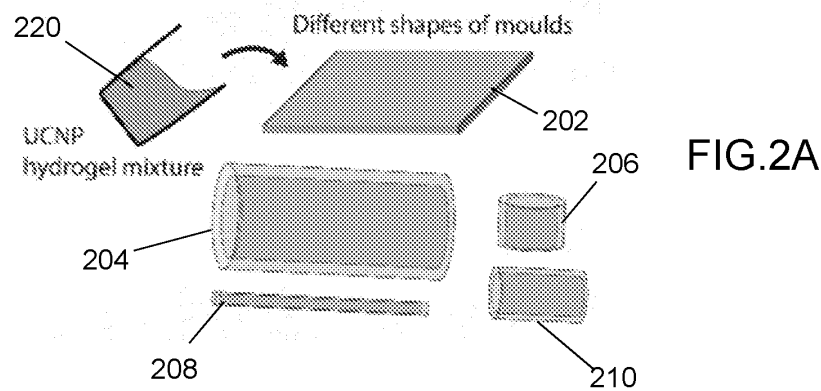


FIG. 1B



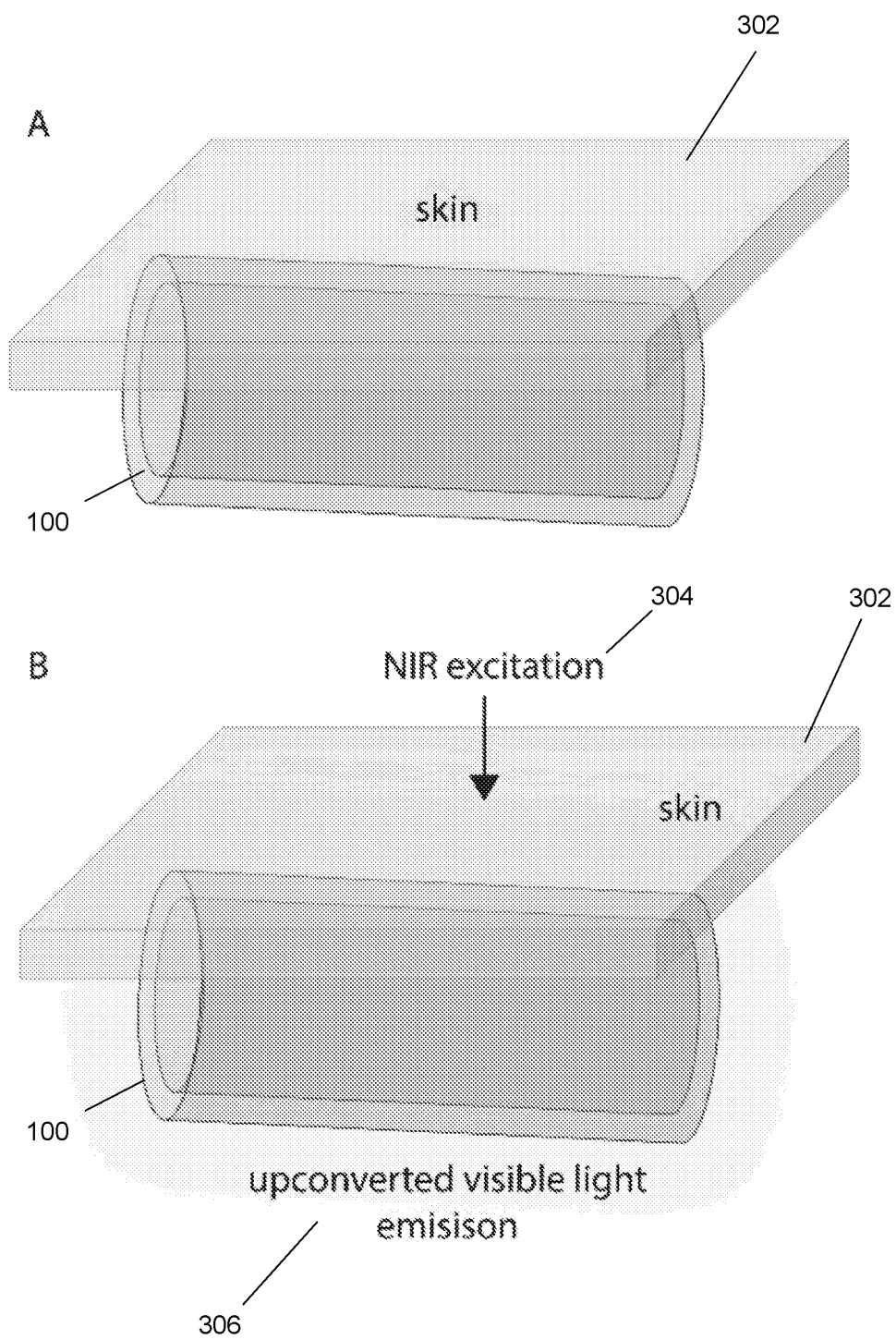
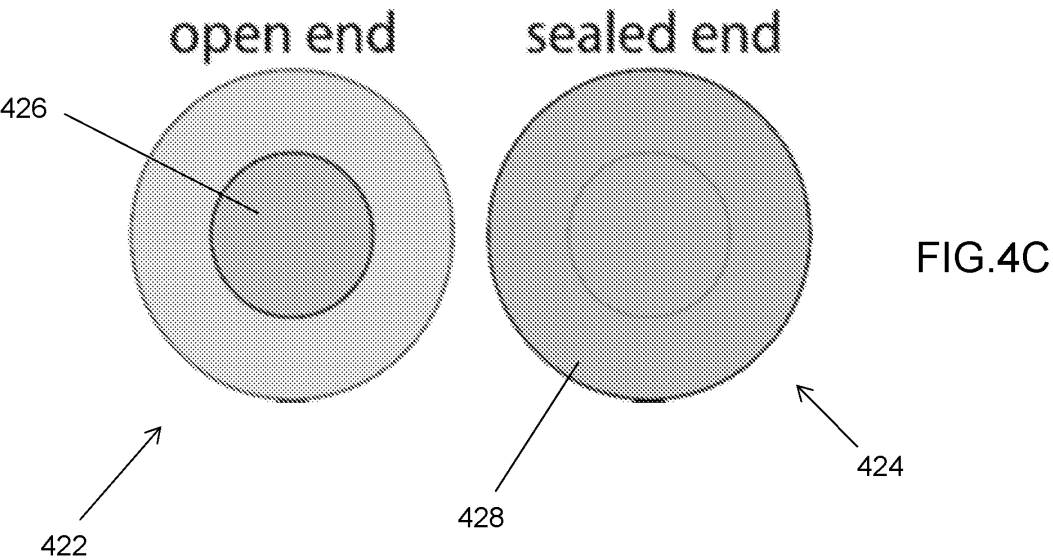
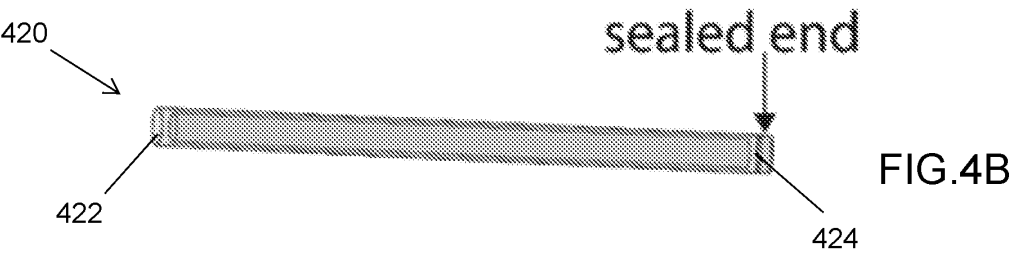
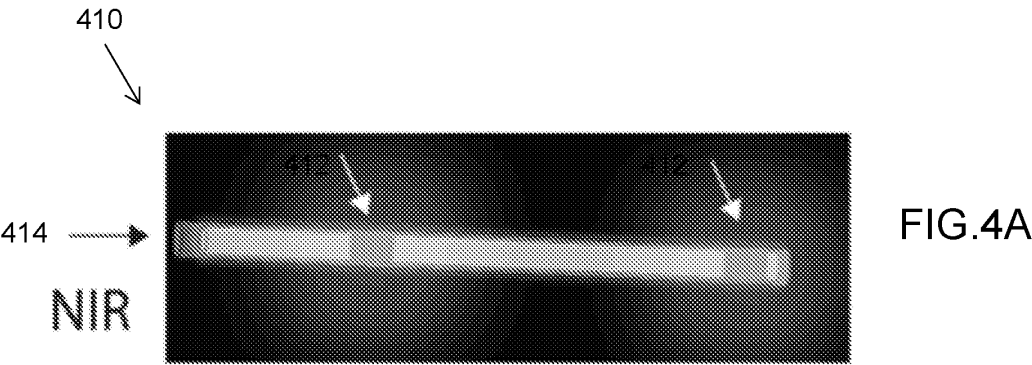
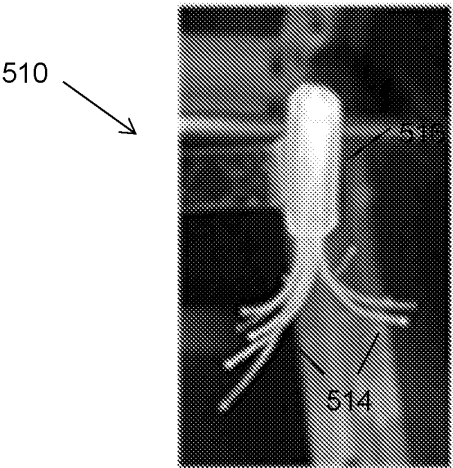
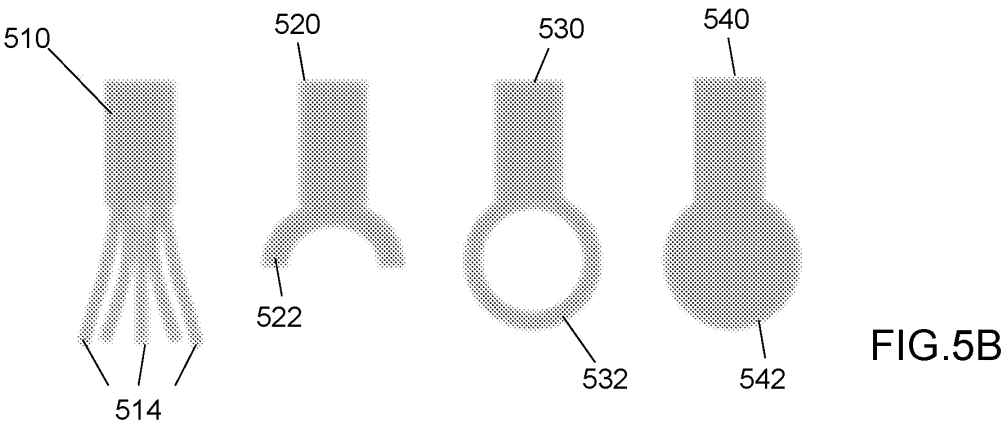
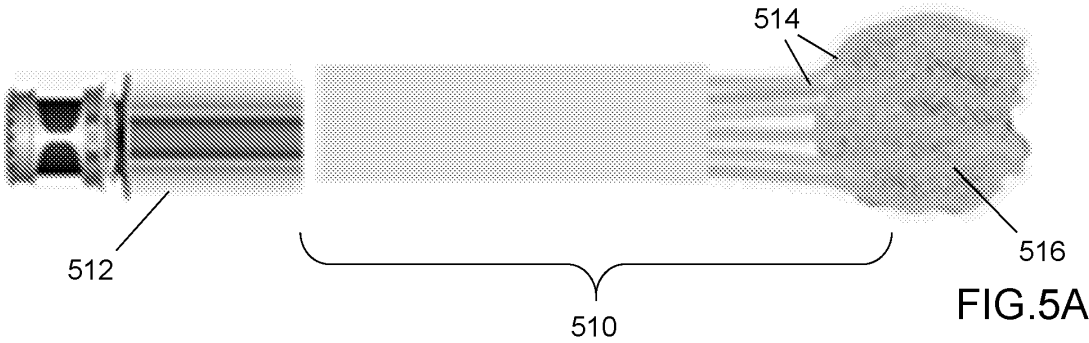


FIG.3





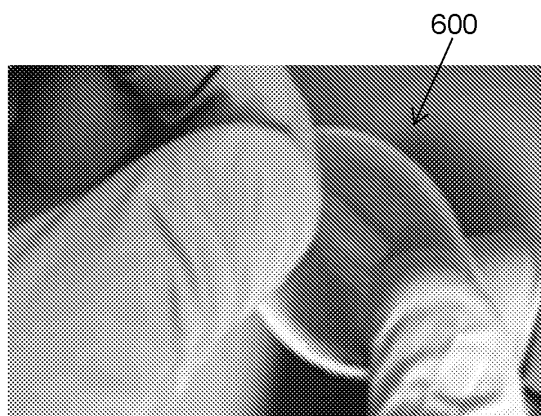


FIG. 6A

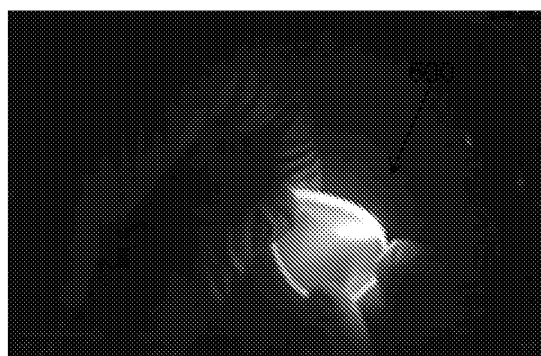


FIG. 6B

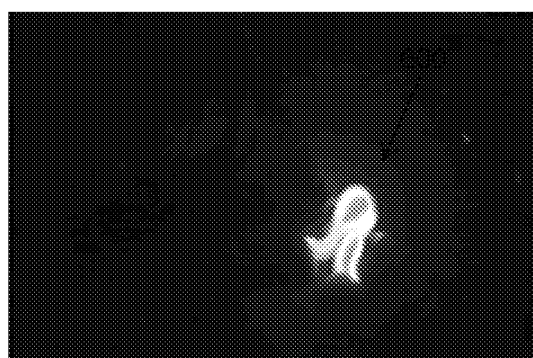
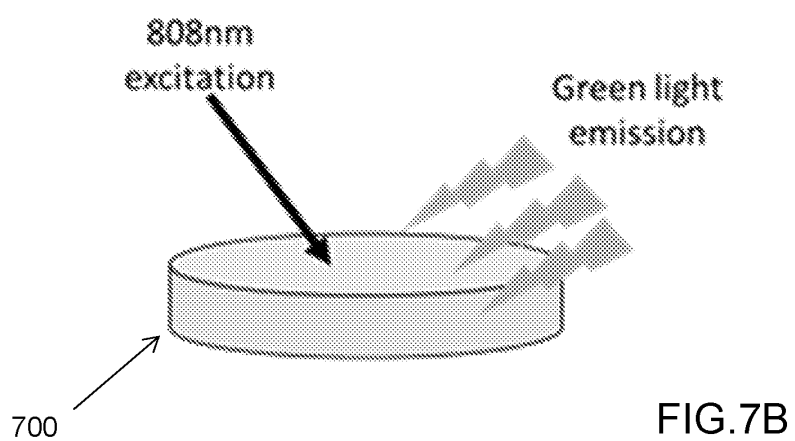
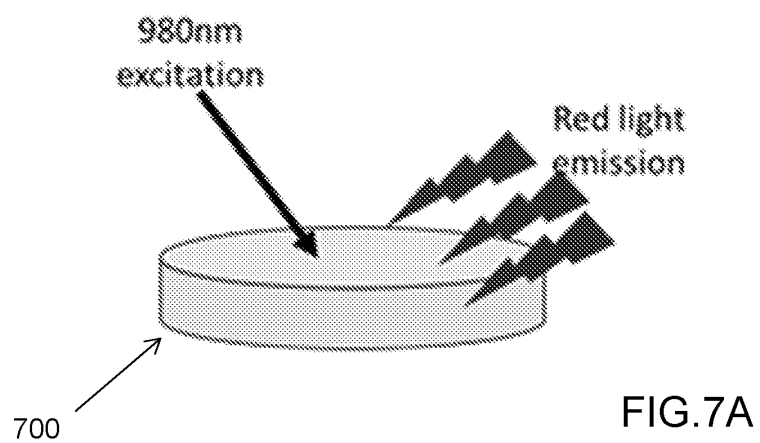


FIG. 6C



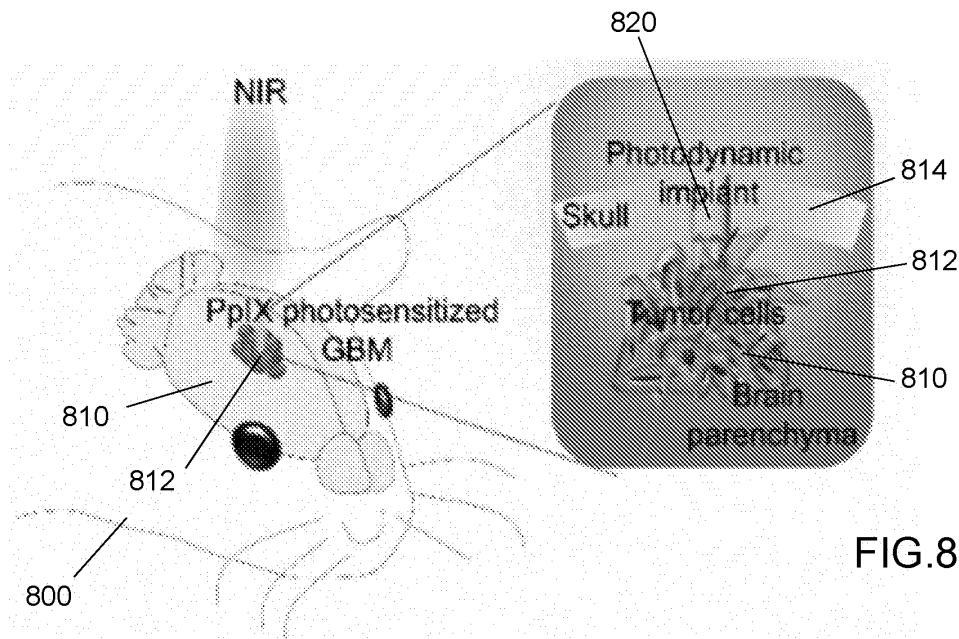


FIG.8

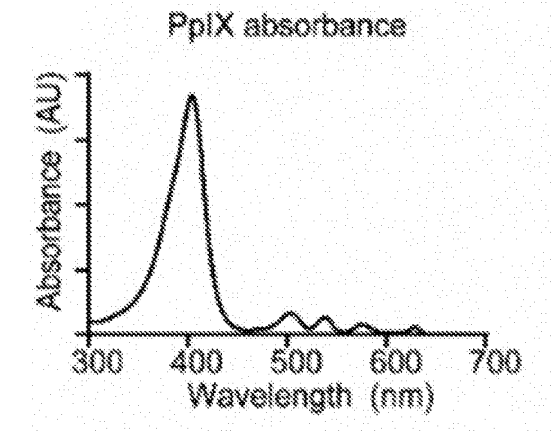


FIG.9A

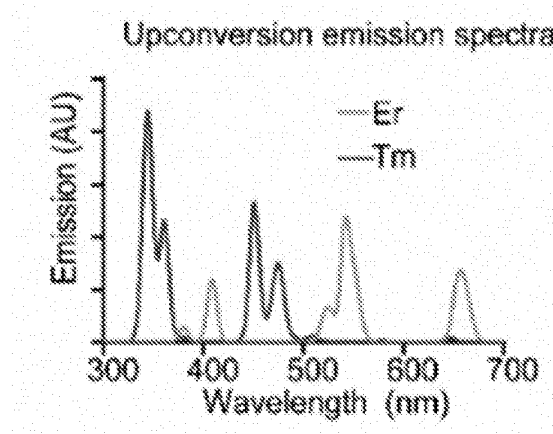


FIG.9B

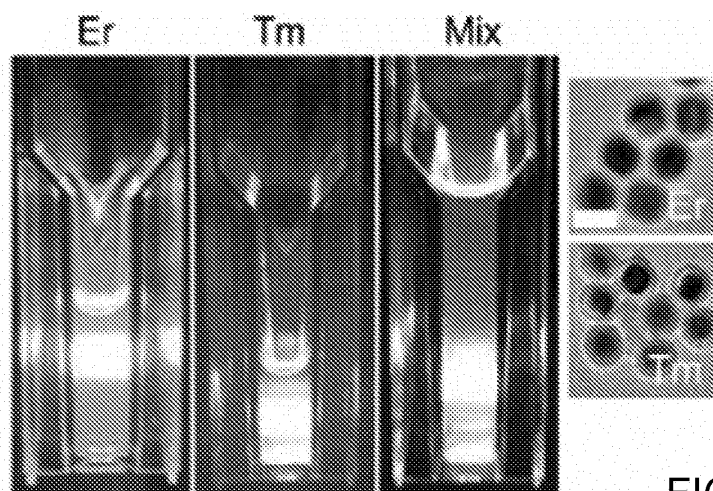


FIG.10A

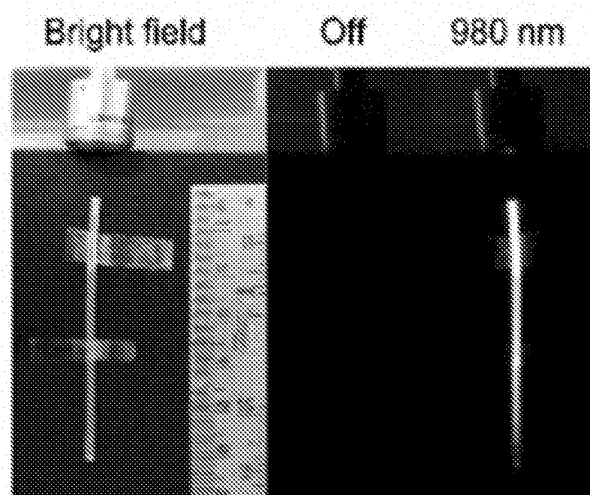


FIG.10B

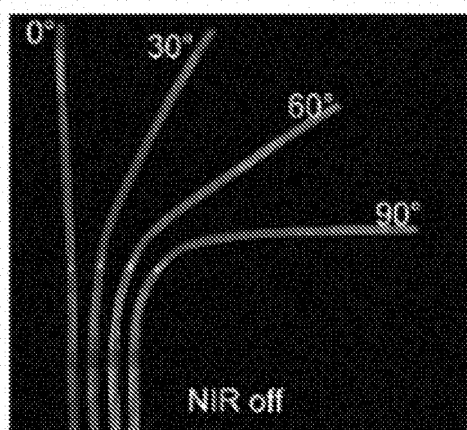


FIG. 11A

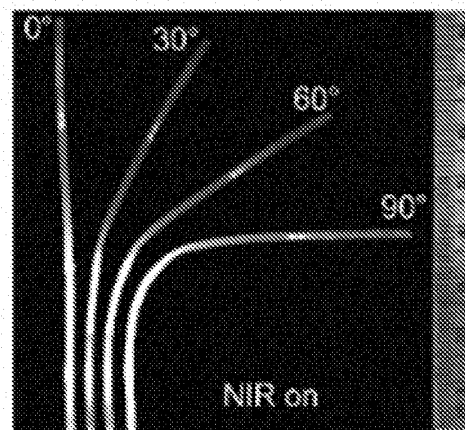


FIG. 11B

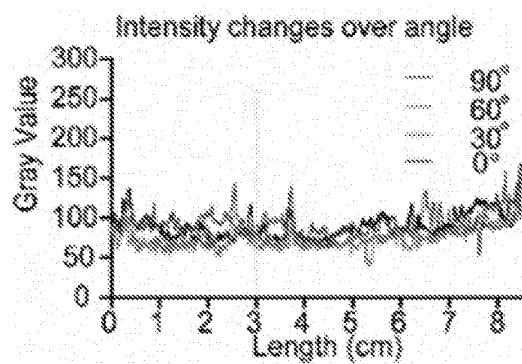


FIG. 11C

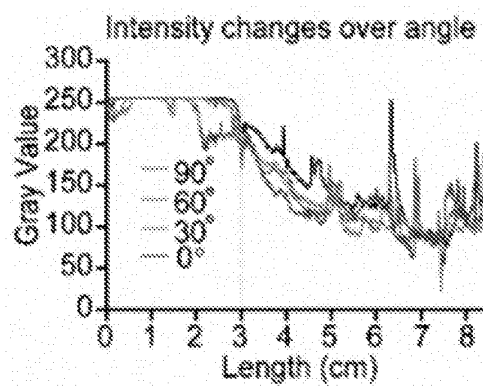


FIG. 11D

Maximal flexibility in NIR delivery

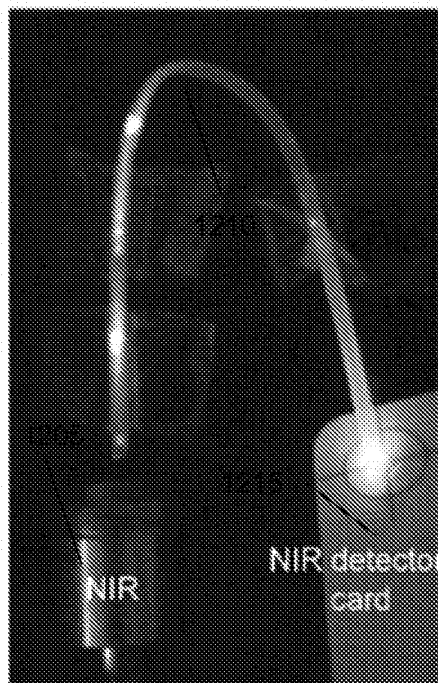


FIG.12A

UCNPs optrode emission penetration

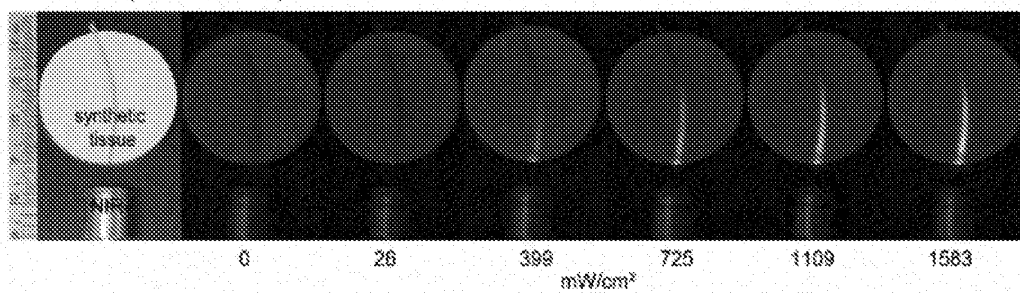


FIG.12B

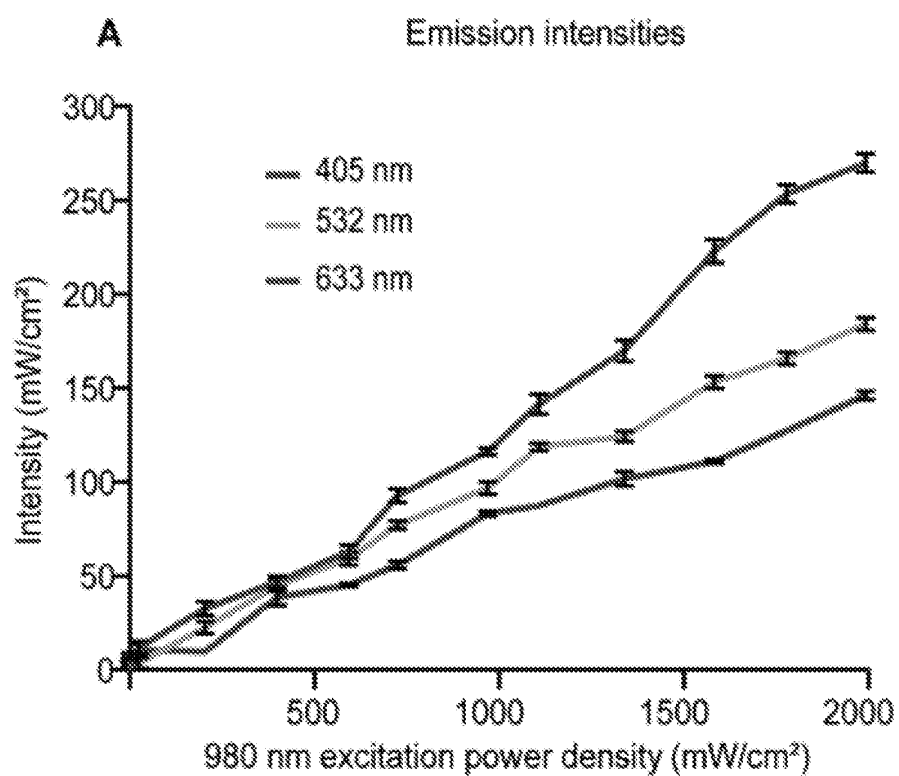


FIG.13A

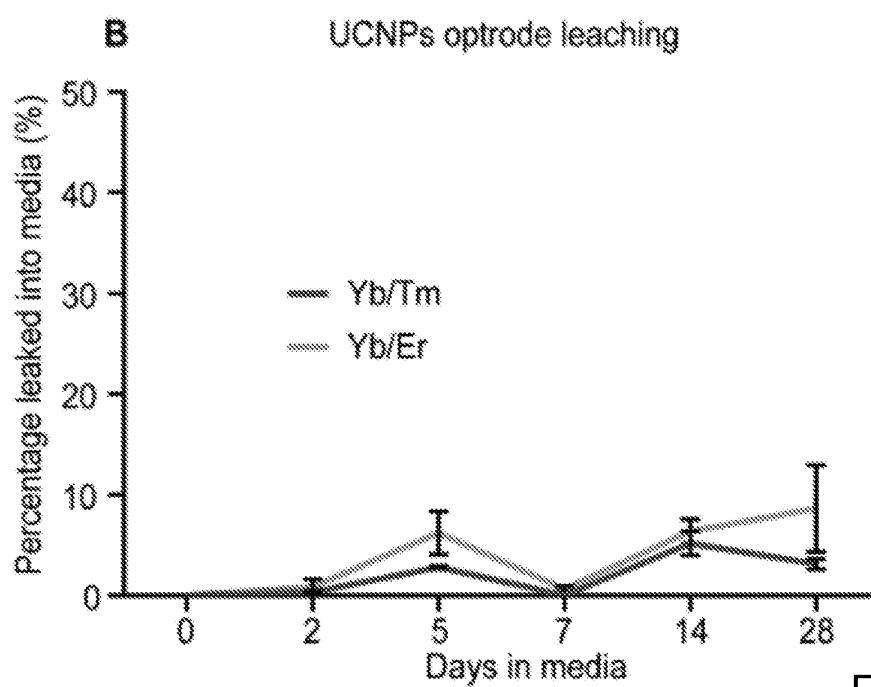


FIG.13B

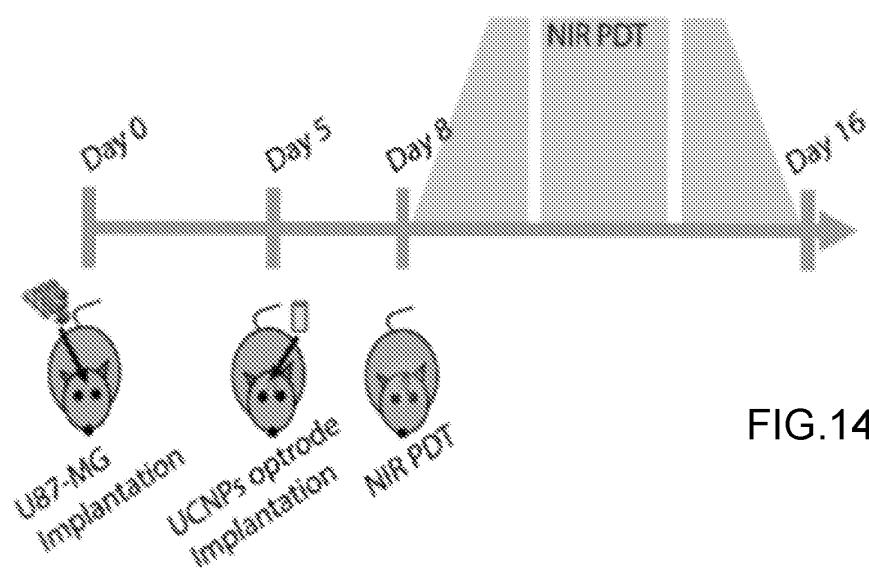


FIG.14A

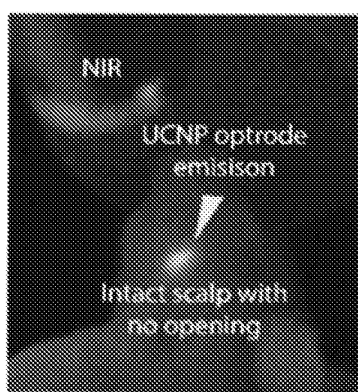


FIG.14B

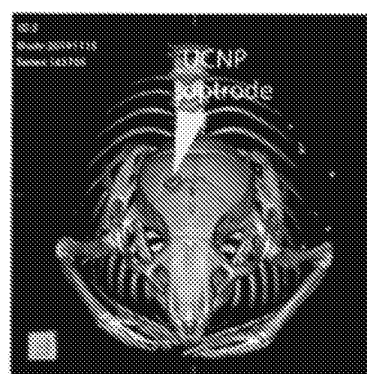


FIG.14C

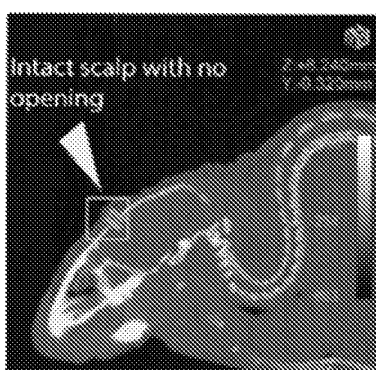


FIG.14D

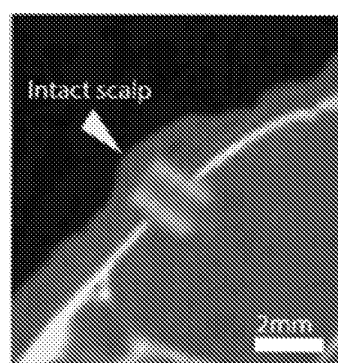


FIG.14E

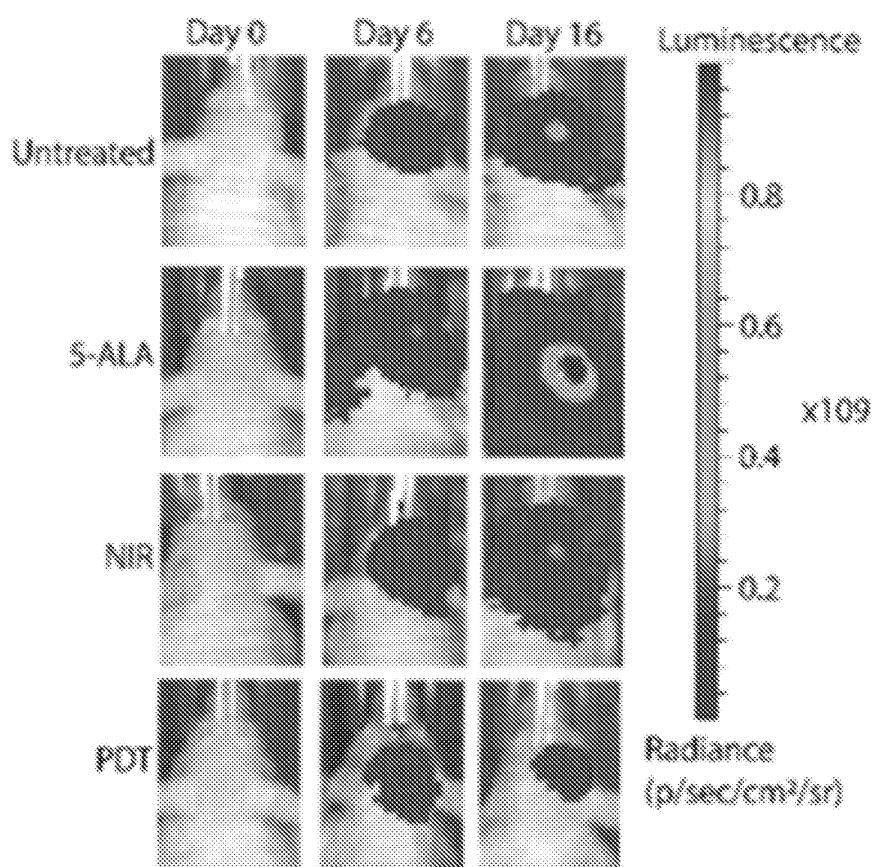


FIG.15

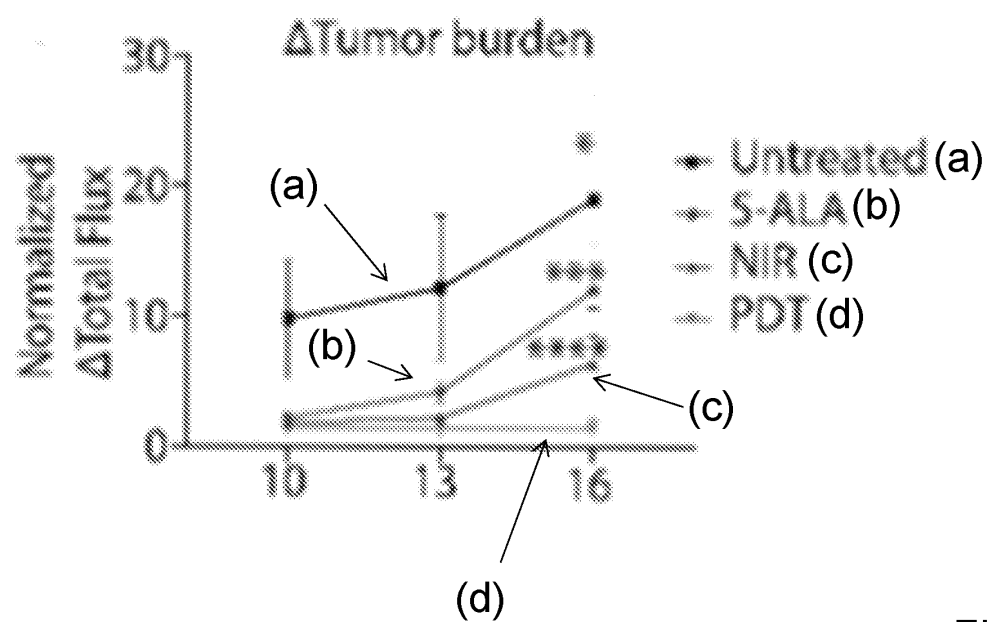


FIG.16

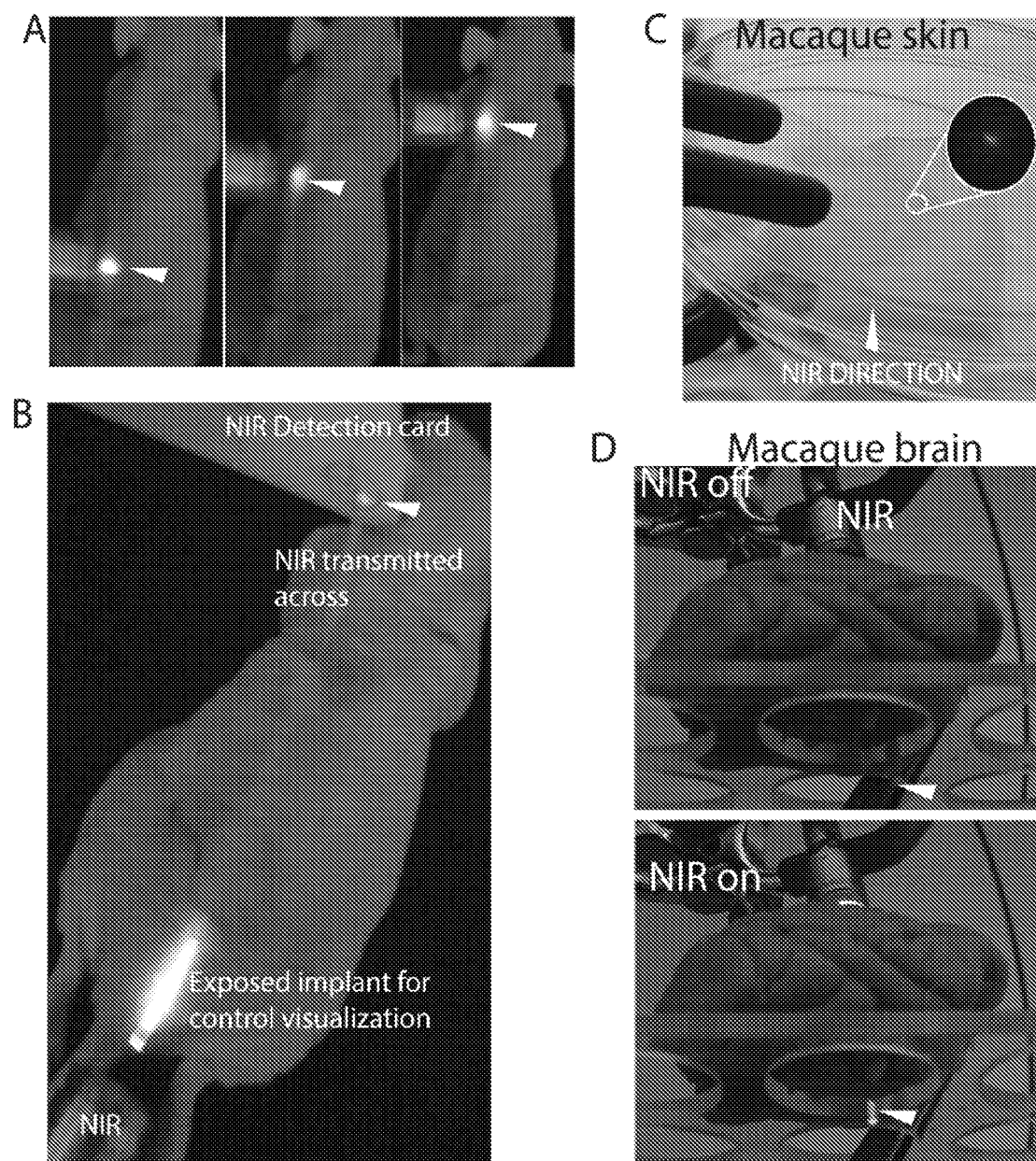


FIG.17

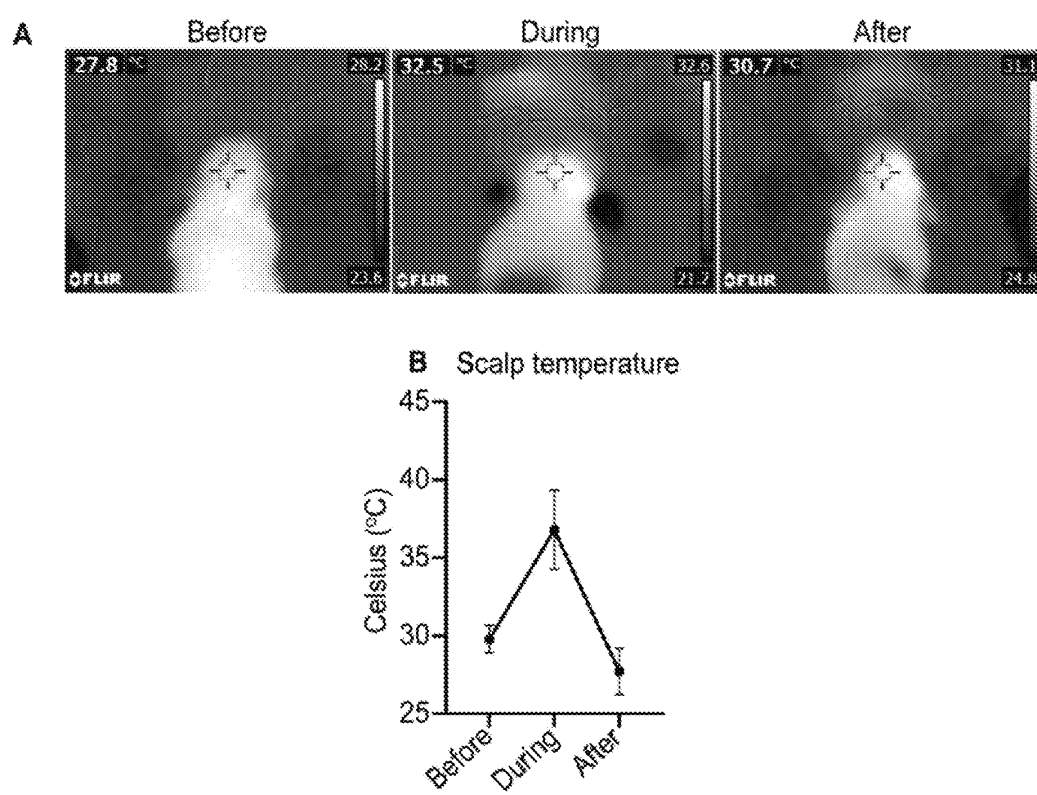


FIG.18

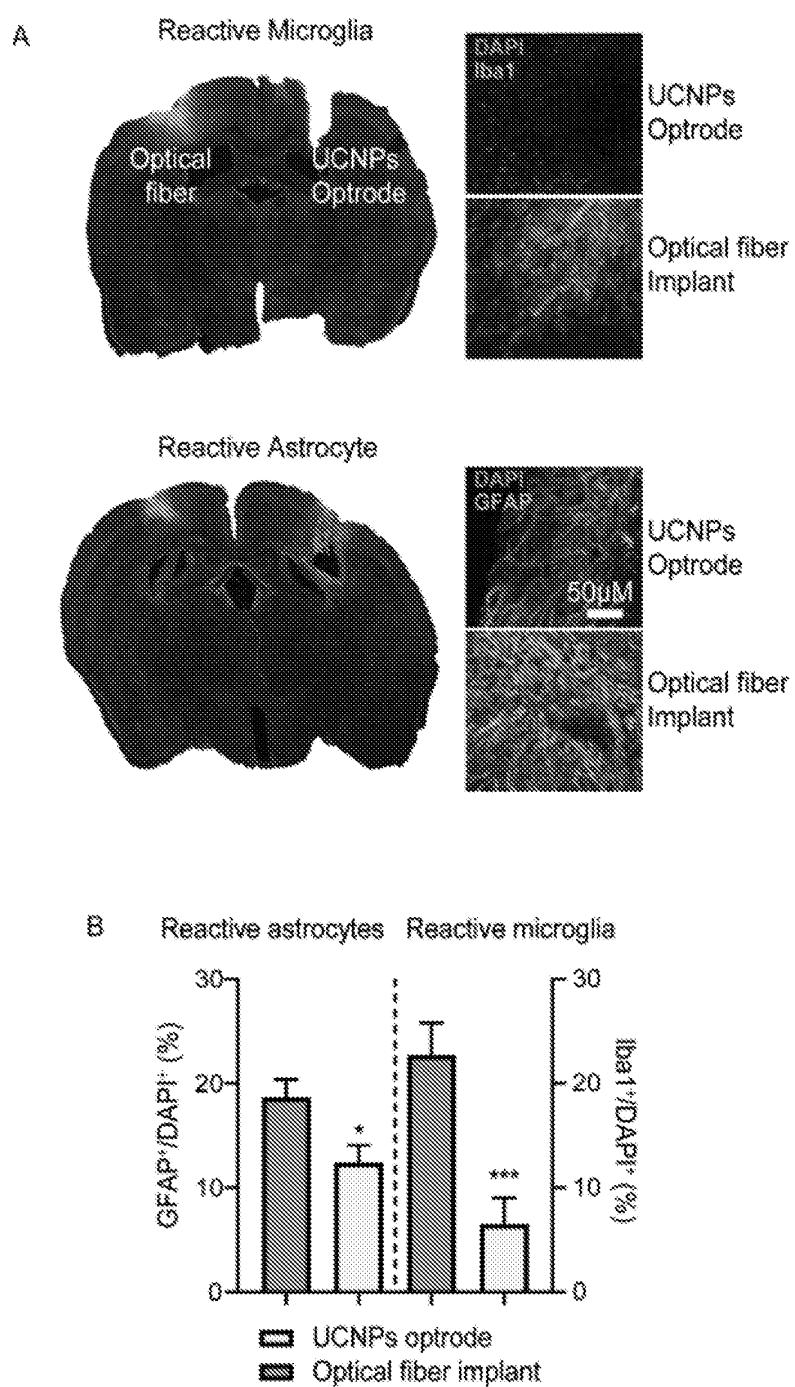


FIG.19