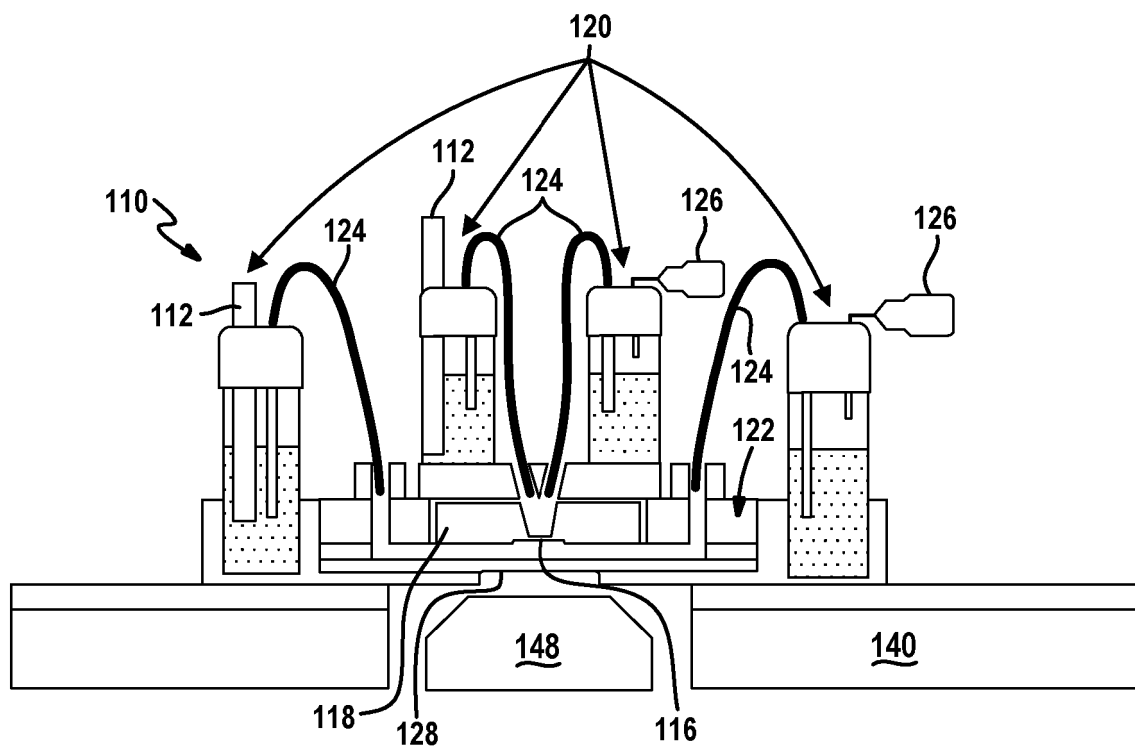
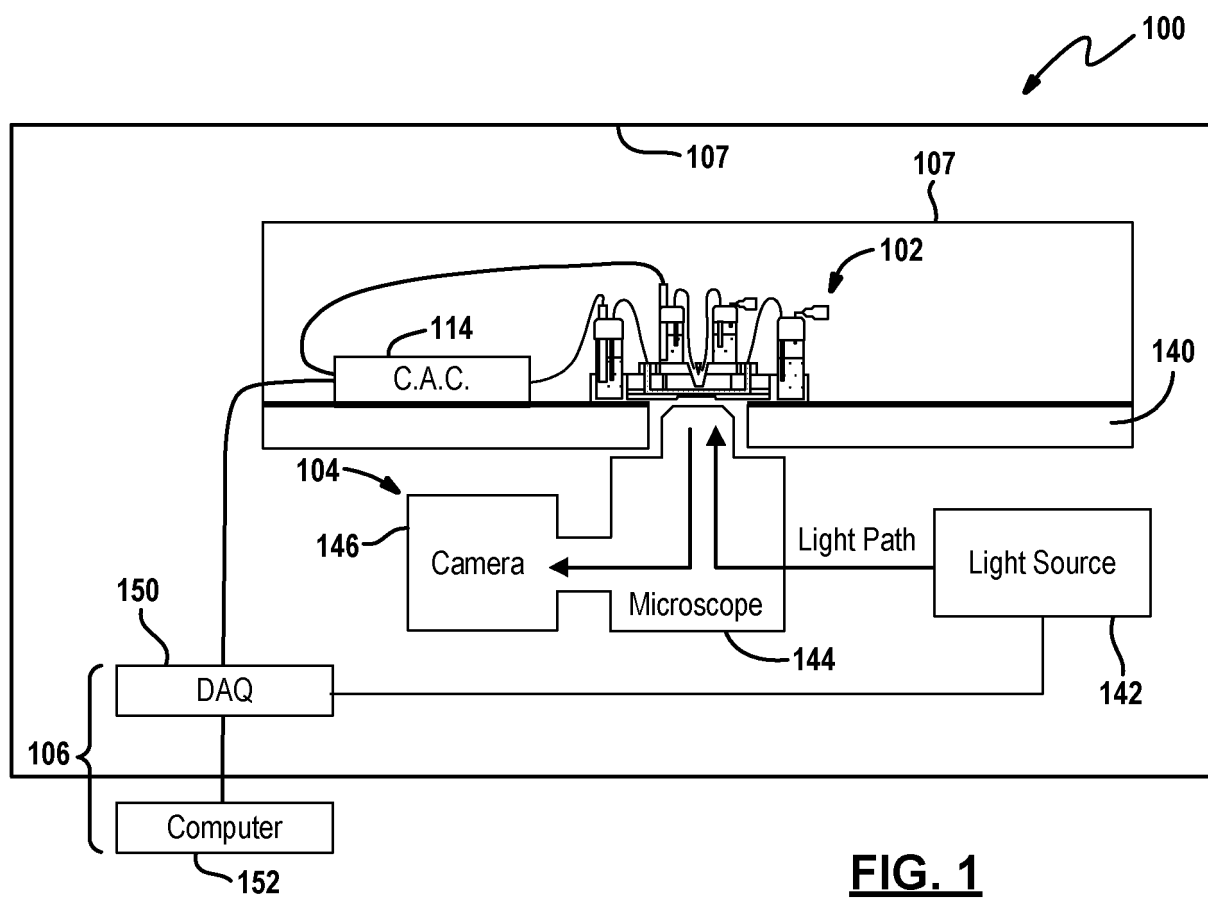
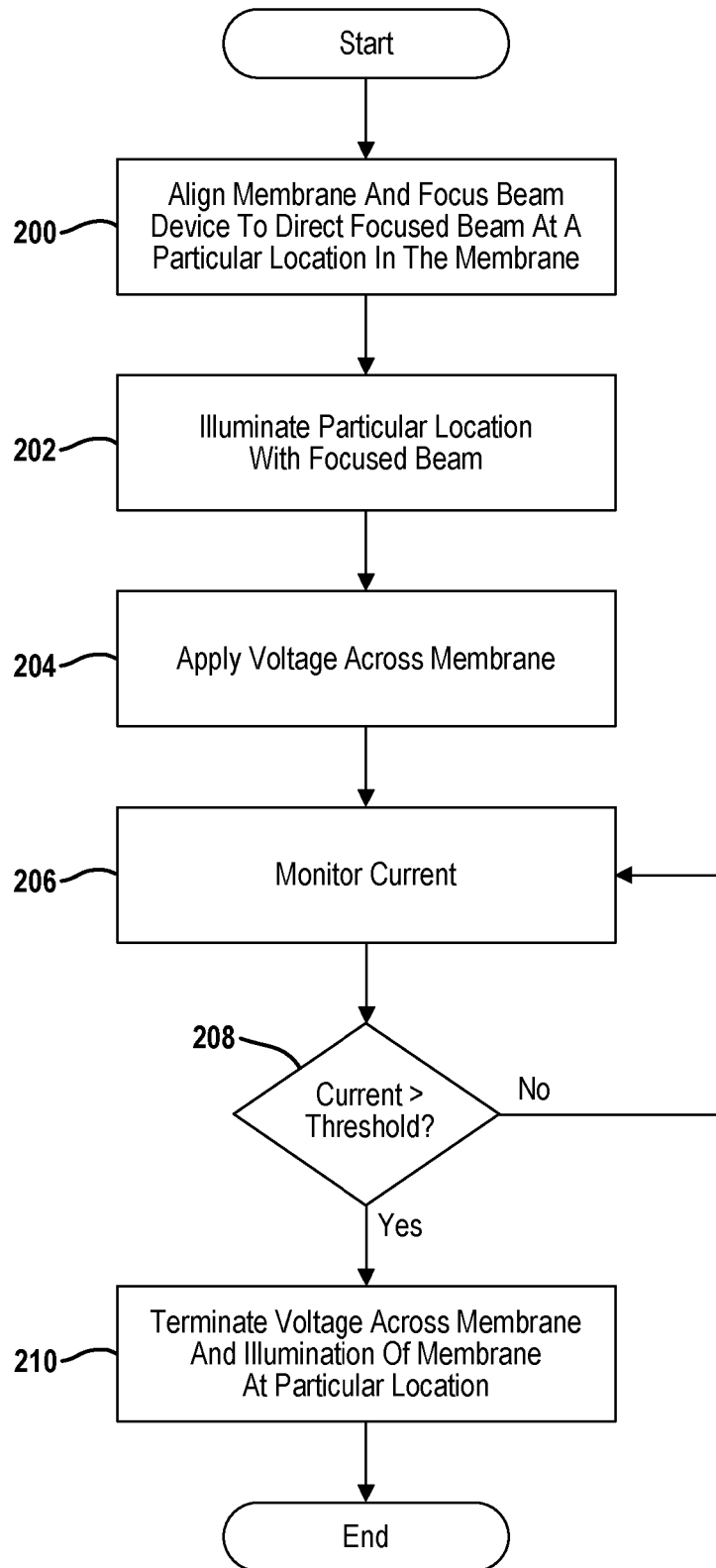
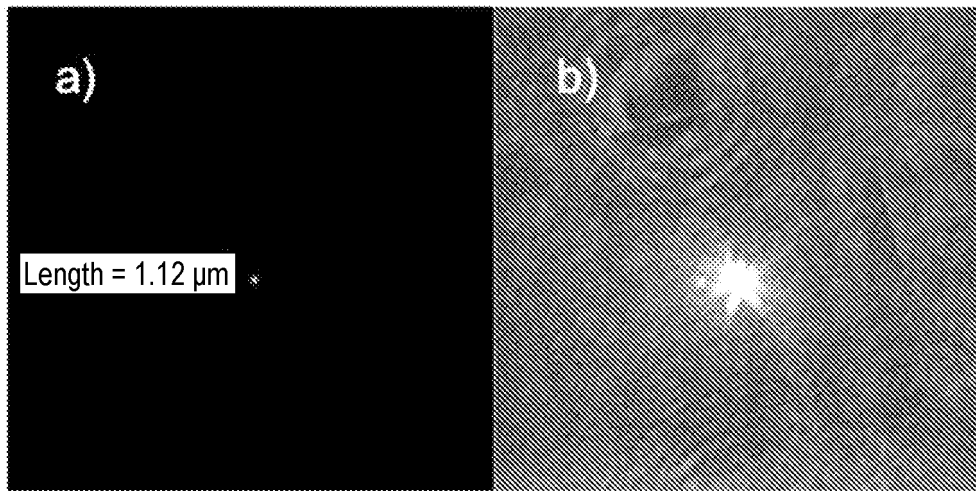
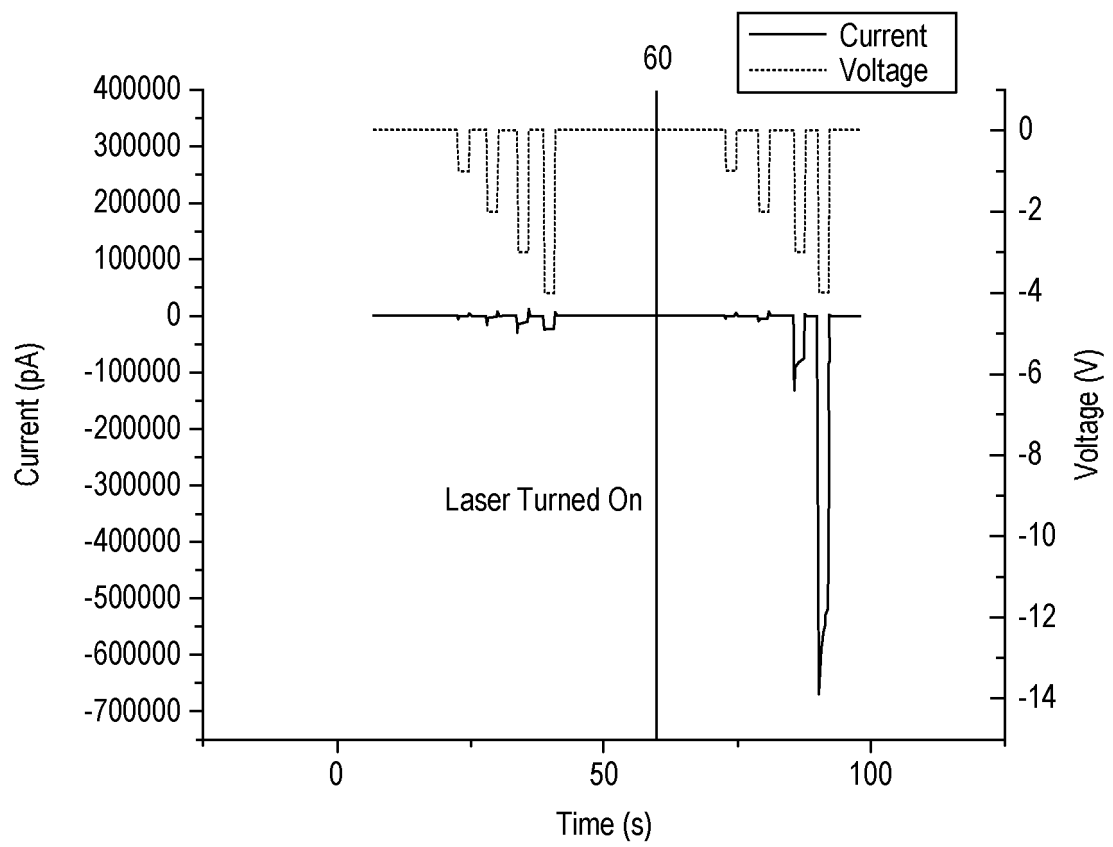




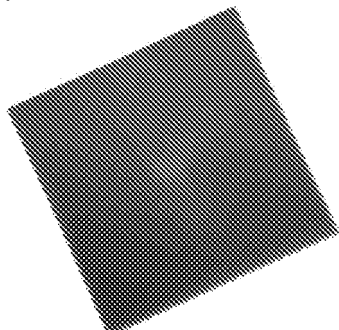
**FIG. 3**

Material	Wavelength
SiCN	326nm
β - C ₃ N ₄	388nm
β - Si ₃ N ₄	295nm 250nm
α - Si ₃ N ₄	268nm
Si ₃ N ₄	234nm
HfO ₂	214nm 218nm
SiO ₂	138nm
α - SiO ₂	222nm
SiN _x (non-stoichiometric silicon nitride)	269nm-1127nm depending on x

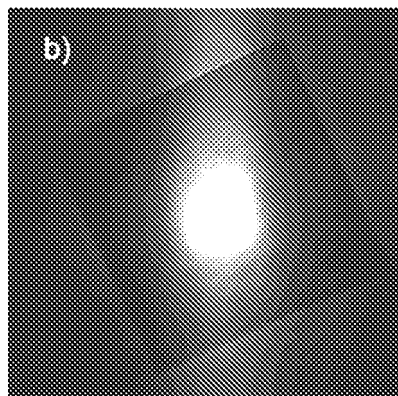
FIG. 4

**FIG. 5A****FIG. 5B****FIG. 6**

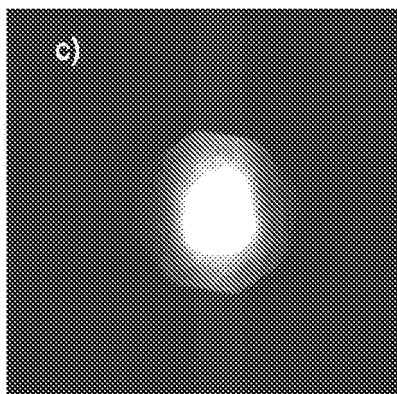
a)

**FIG. 7A**

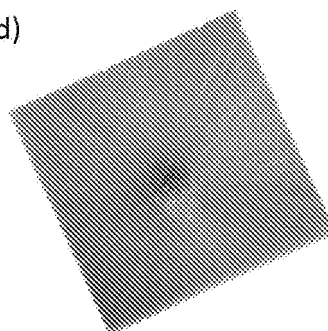
b)

**FIG. 7B**

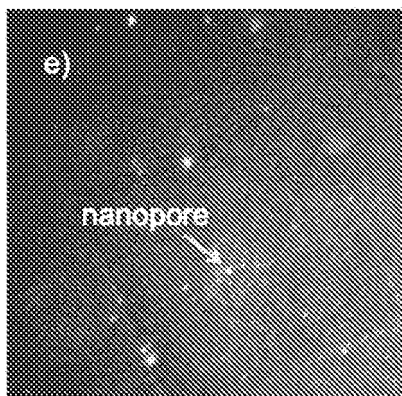
c)

**FIG. 7C**

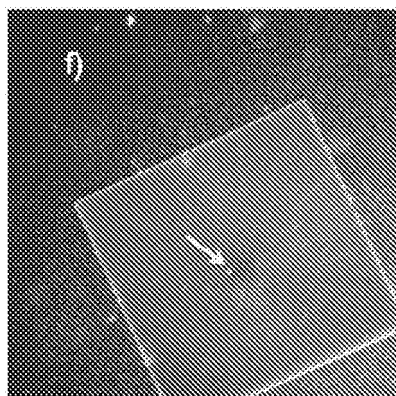
d)

**FIG. 7D**

e)

**FIG. 7E**

f)

**FIG. 7F**