

Prior Art

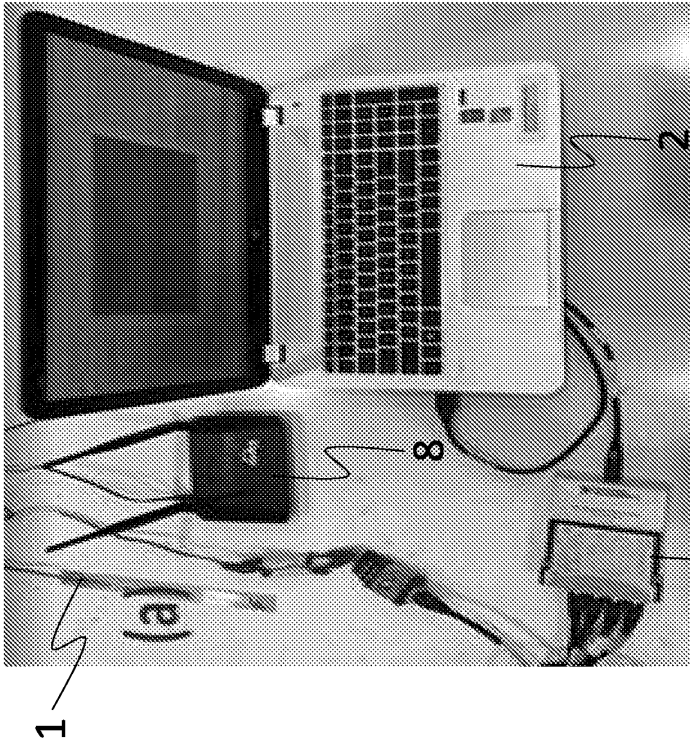


FIG. 1A

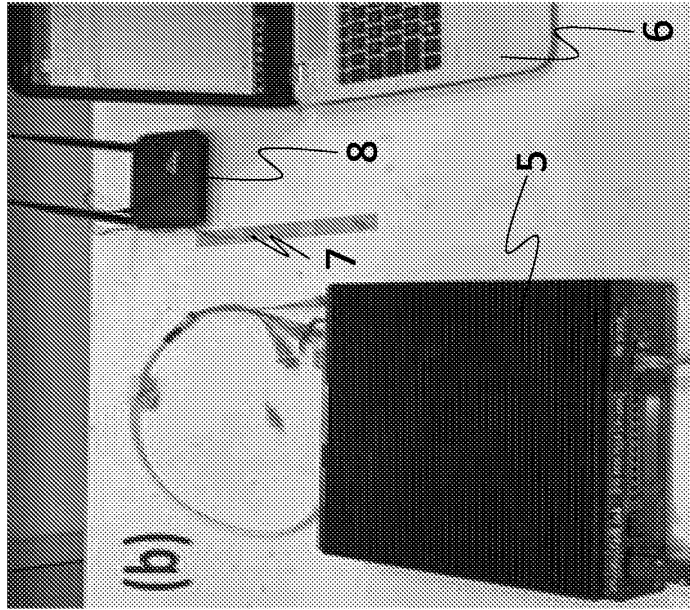


FIG. 1B

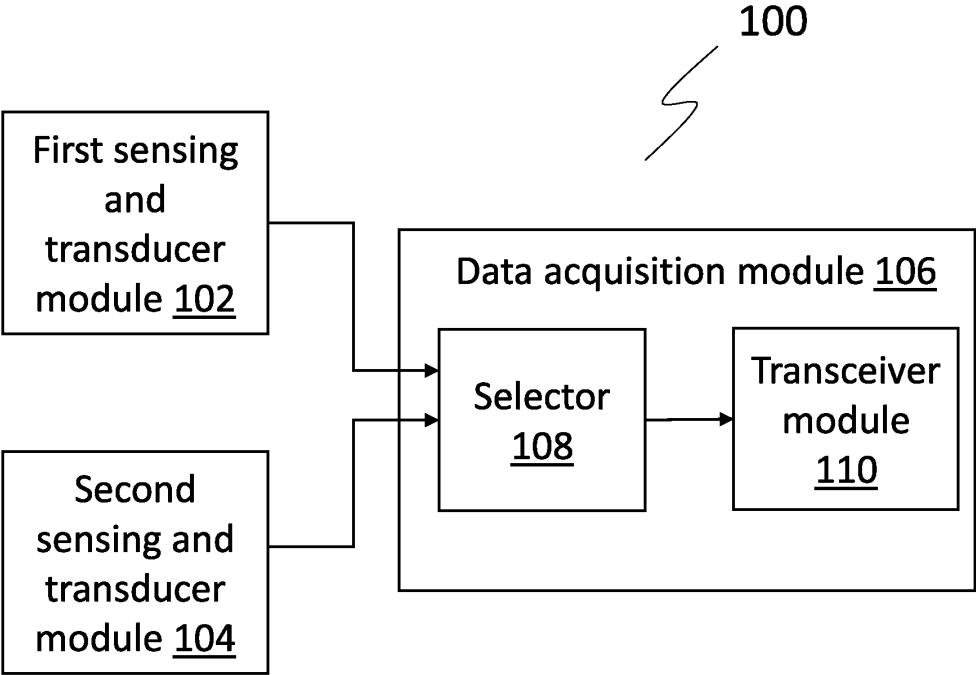


FIG. 2

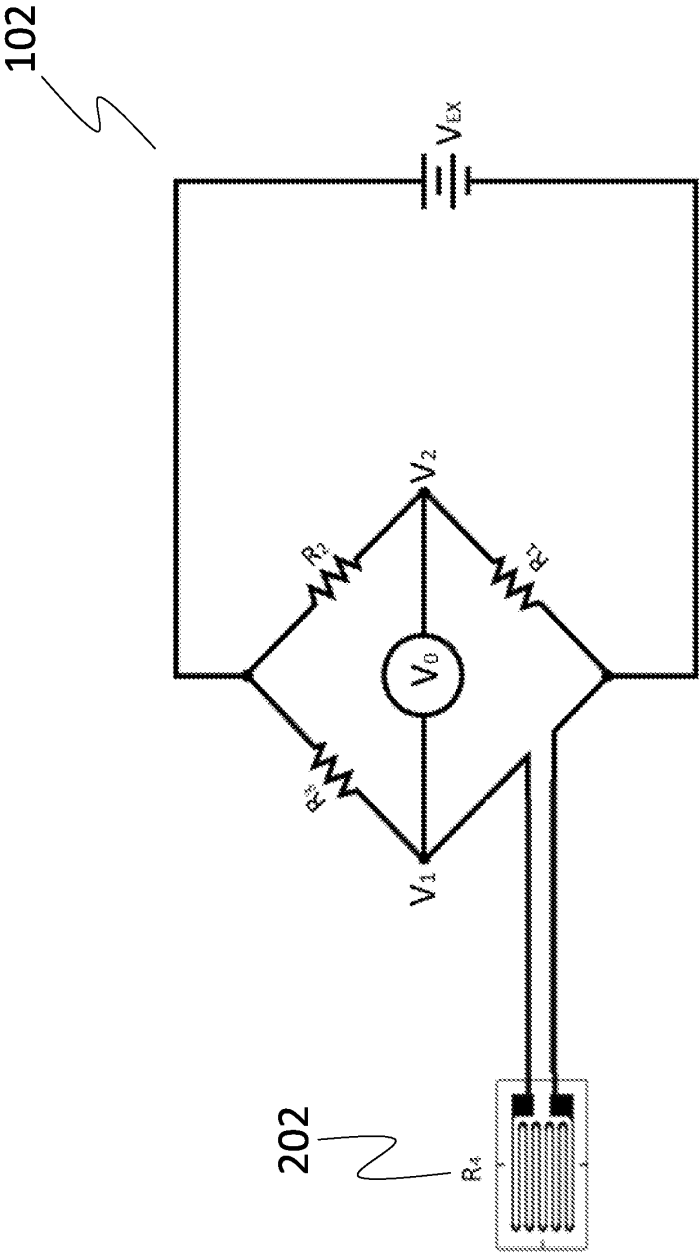


FIG. 3

4/18

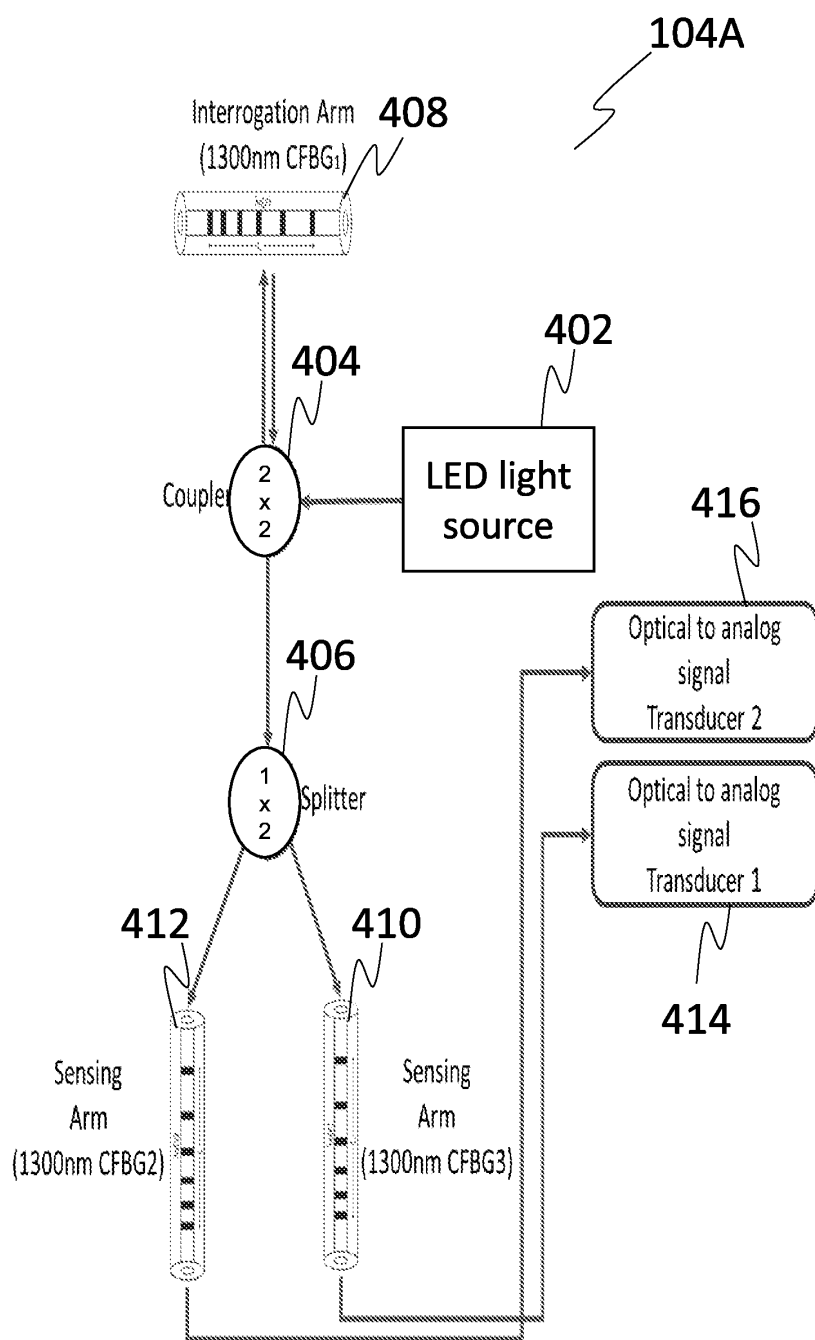


FIG. 4A

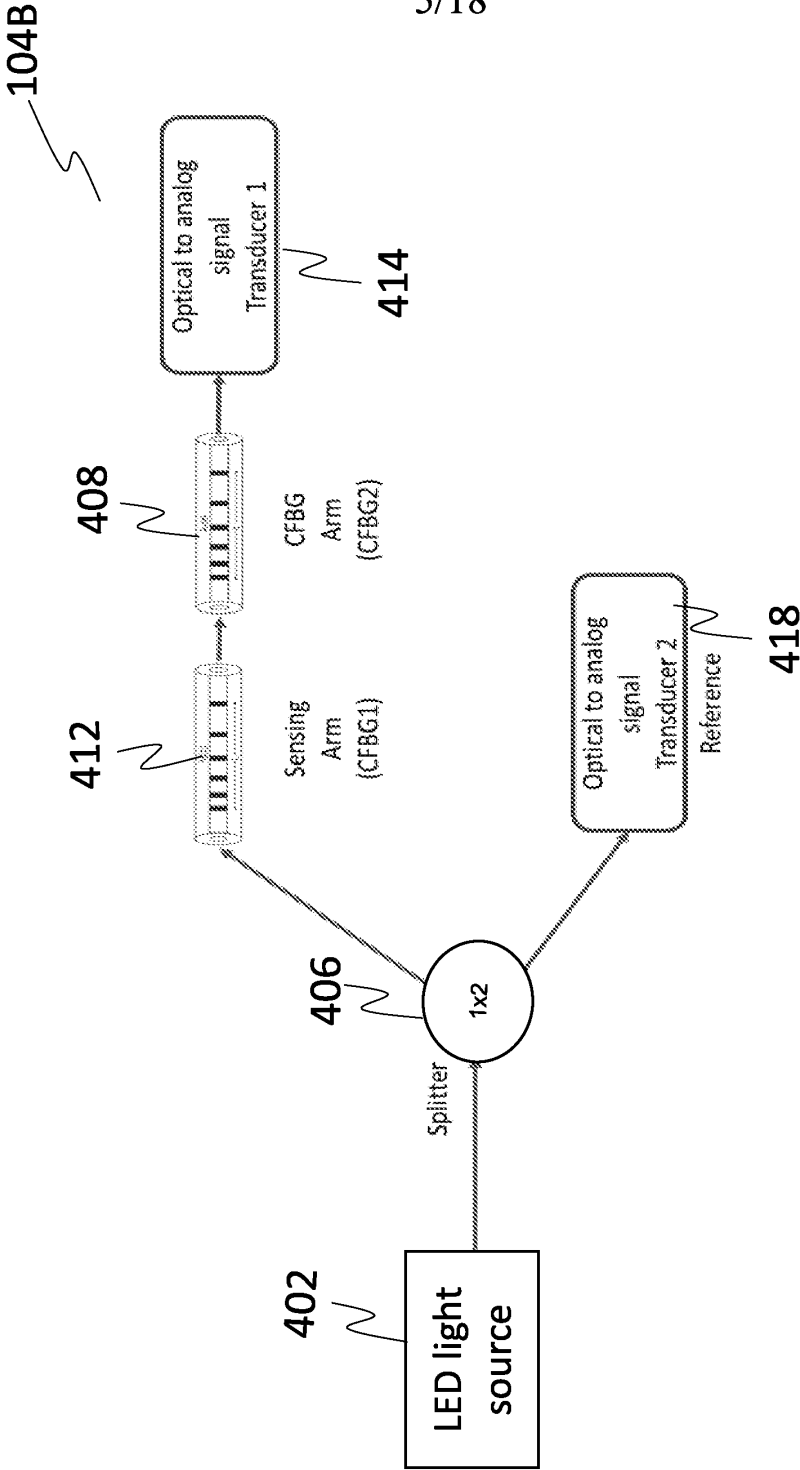


FIG. 4B

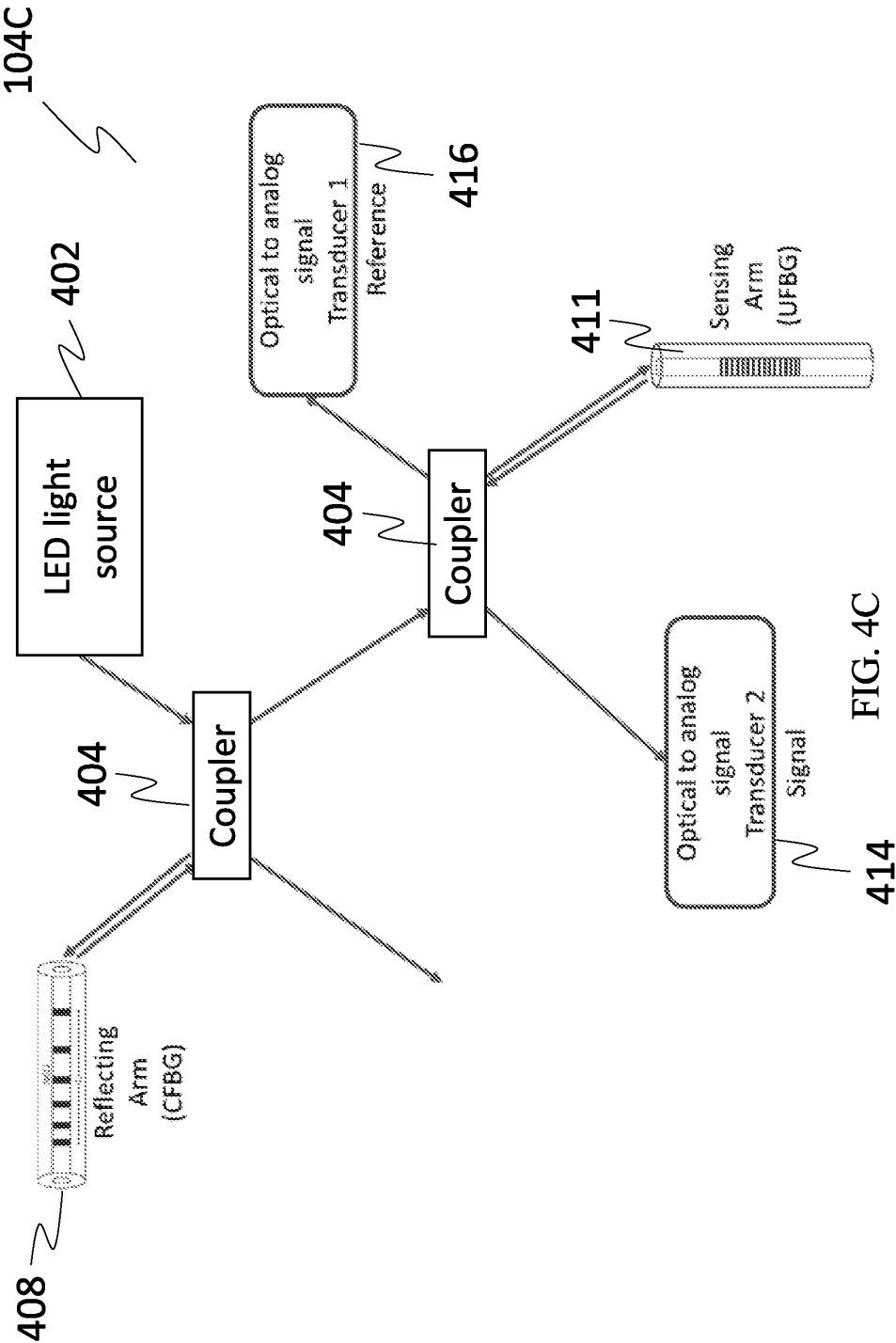
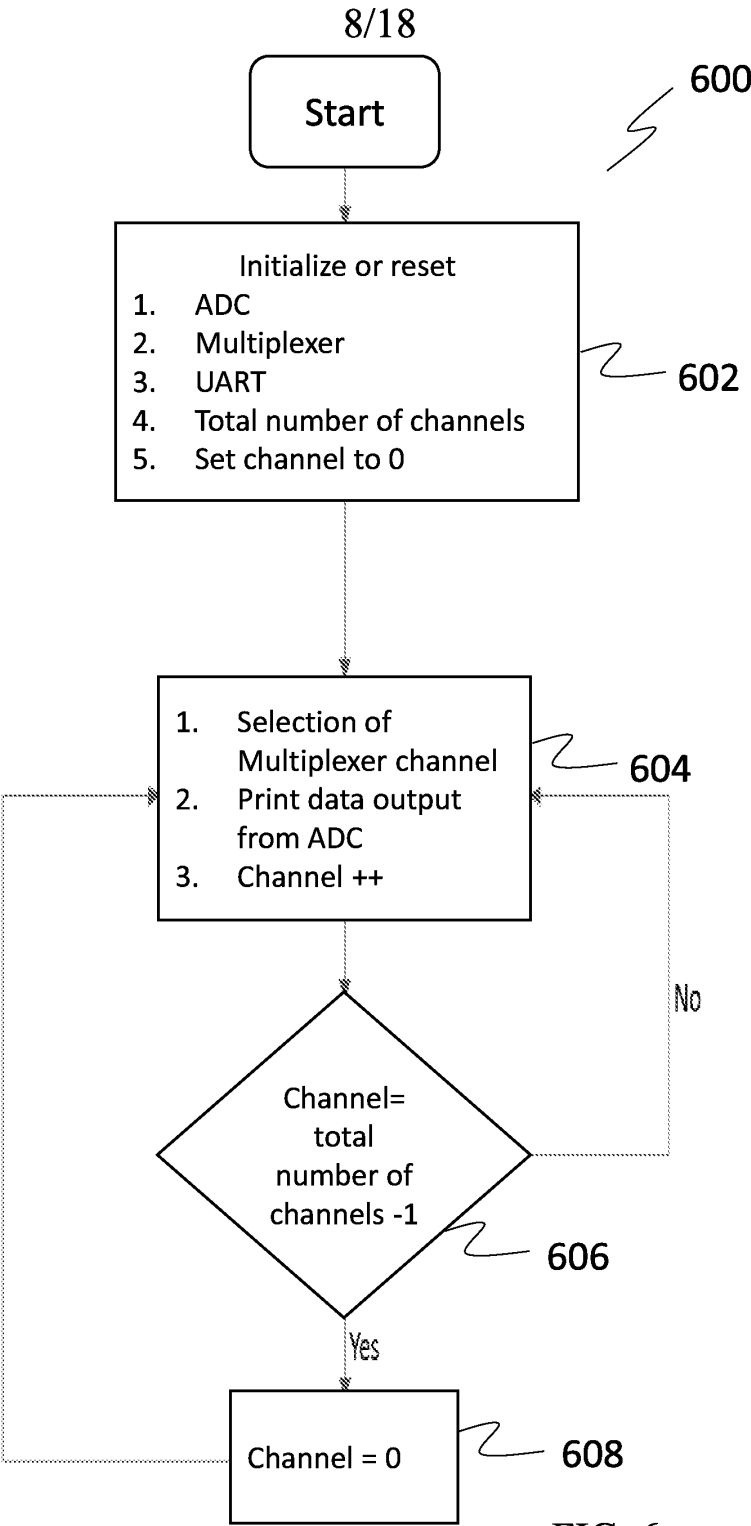


FIG. 4C



9/18

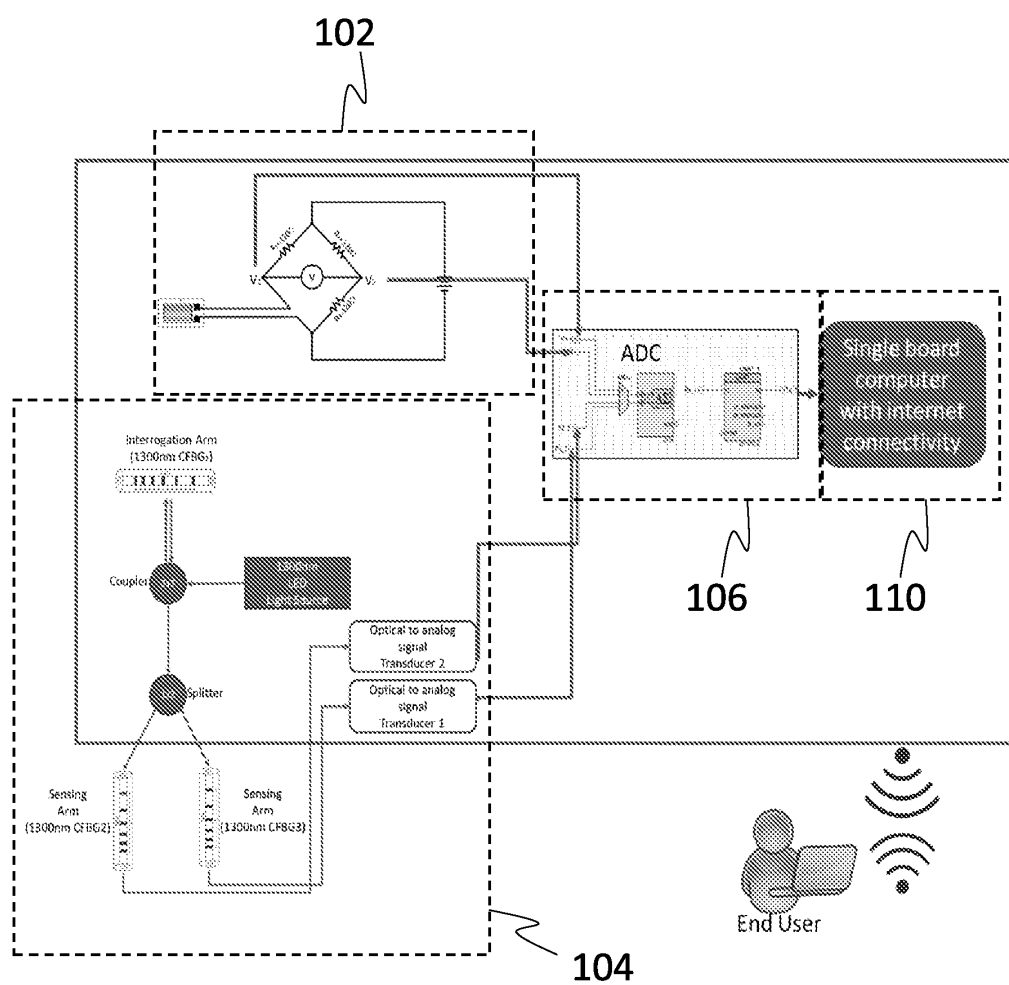


FIG. 7

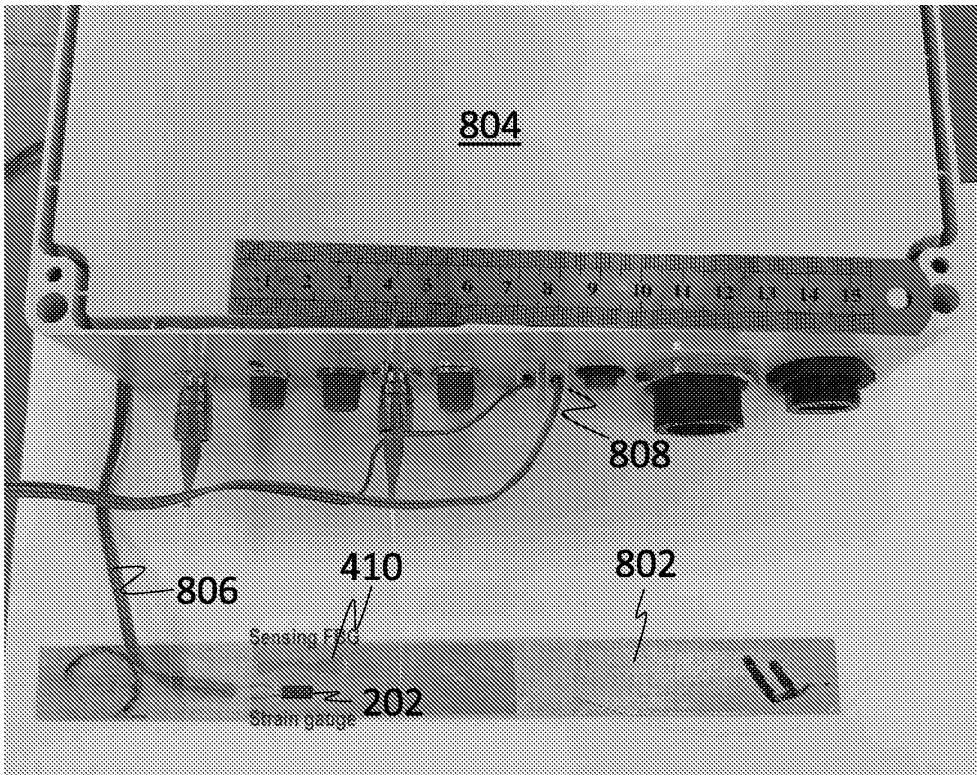


FIG. 8A

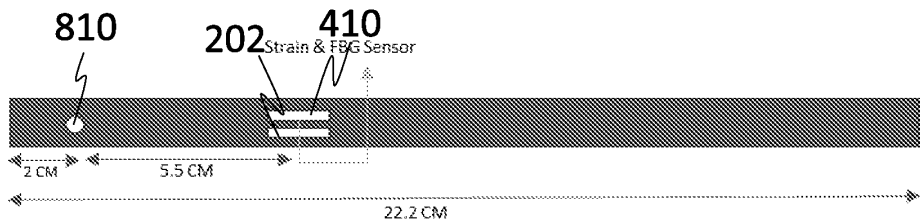


FIG. 8B

11/18

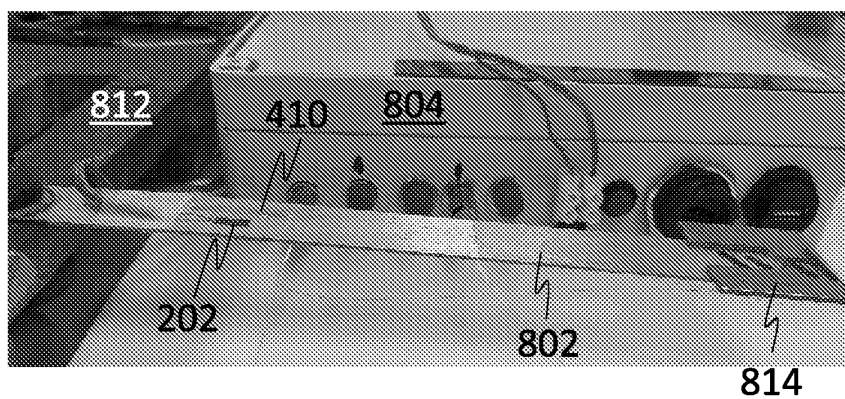


FIG. 8C

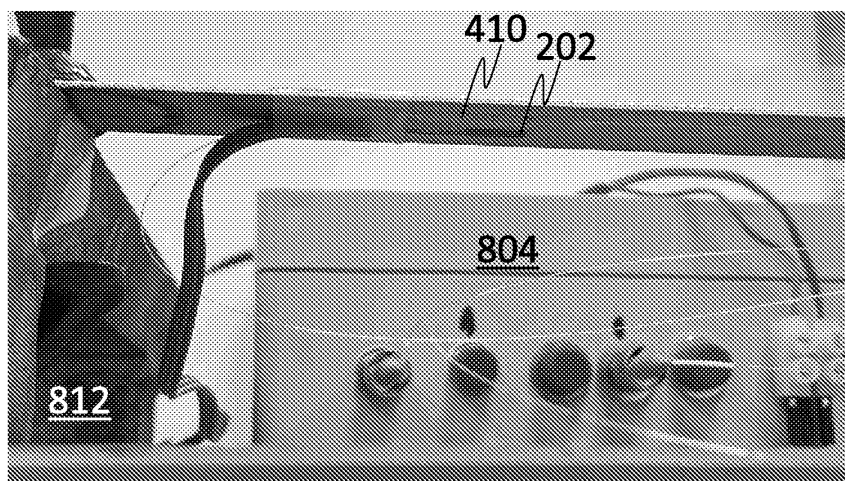


FIG. 8D

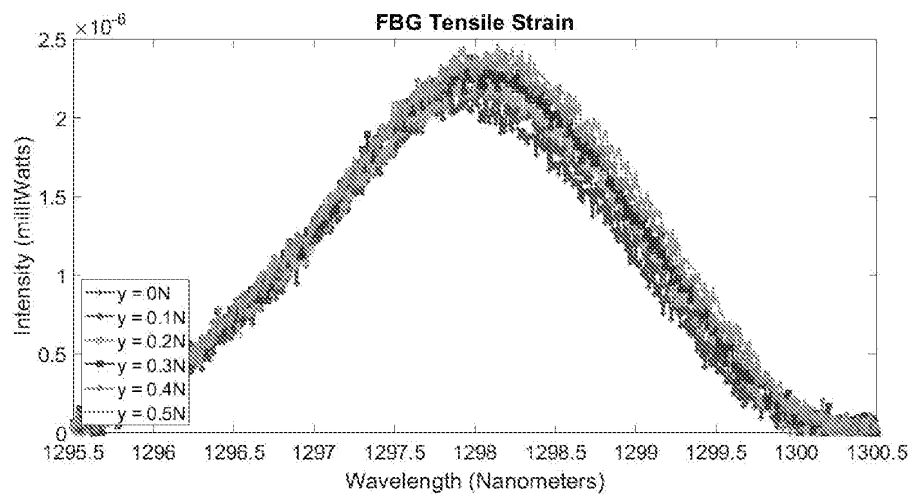


FIG. 9A

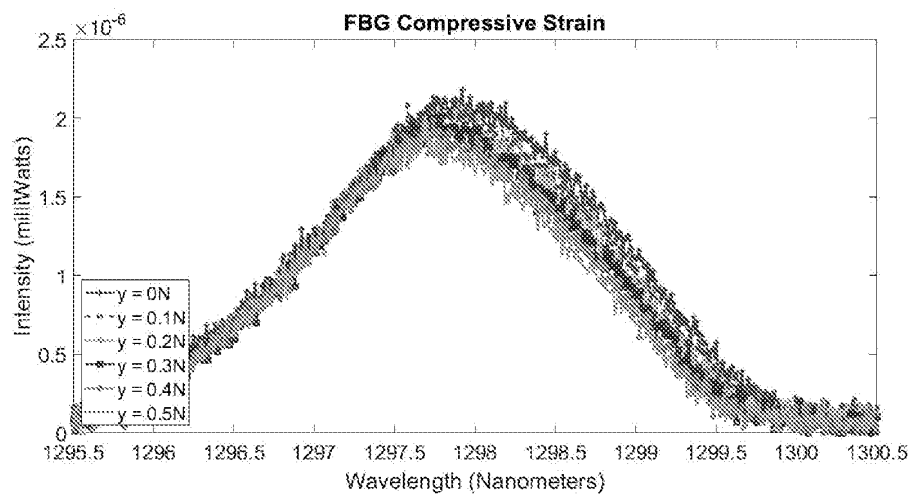


FIG. 9B

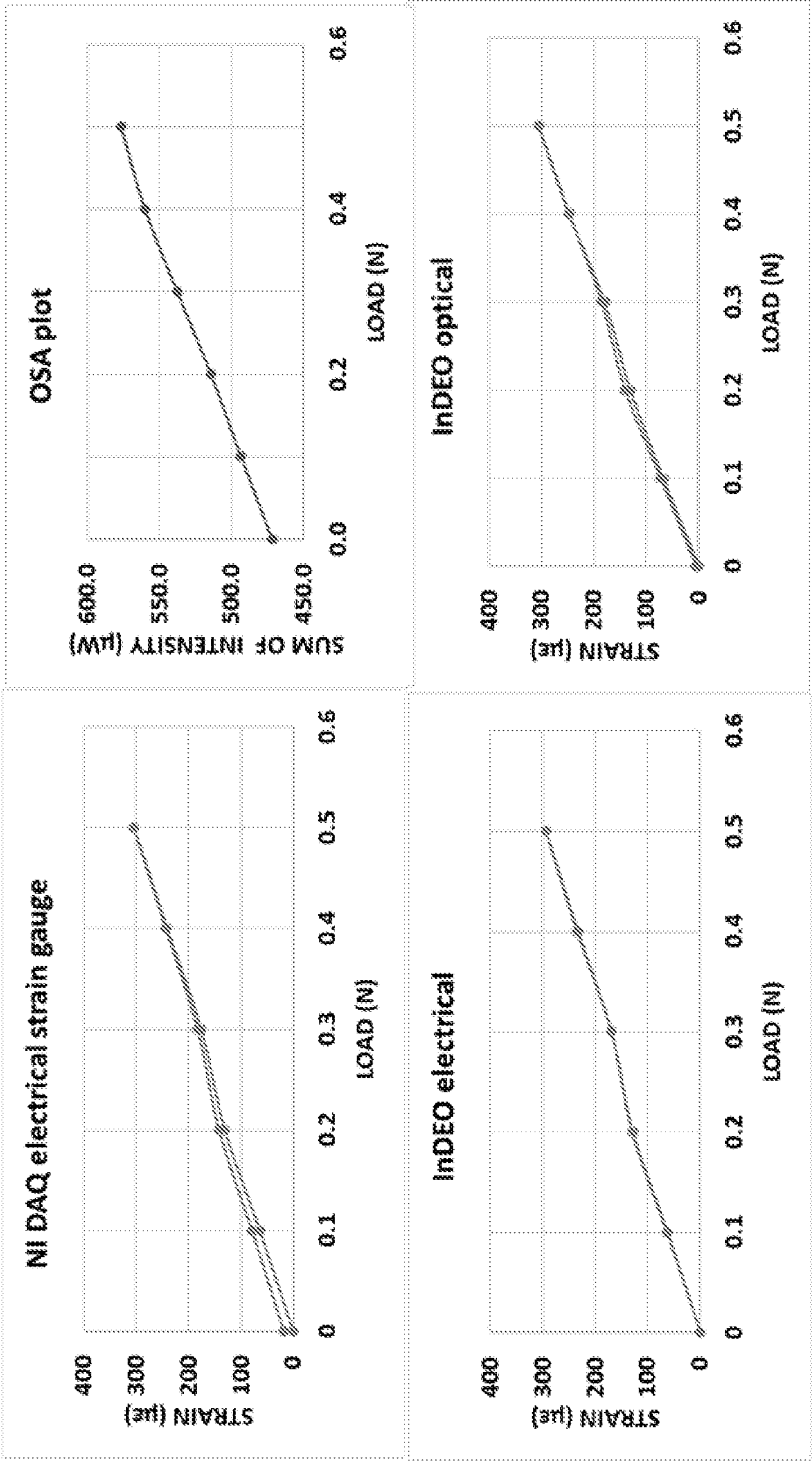


FIG. 10B

FIG. 10A

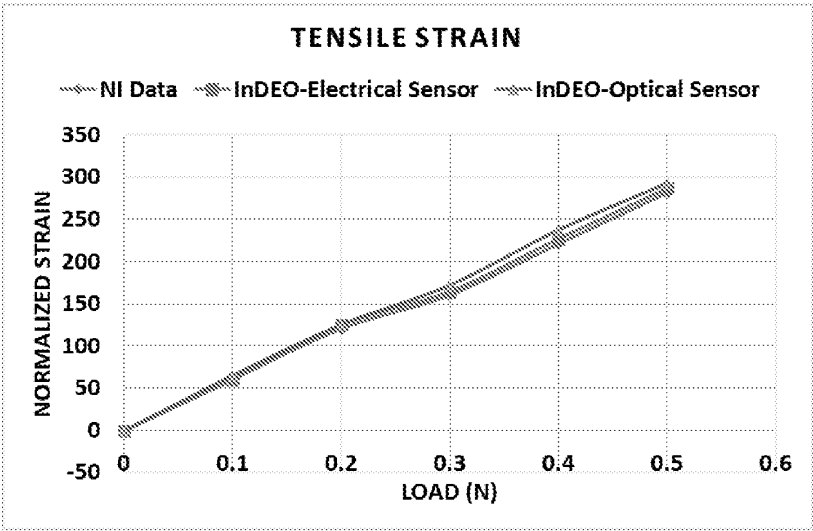


FIG. 11A

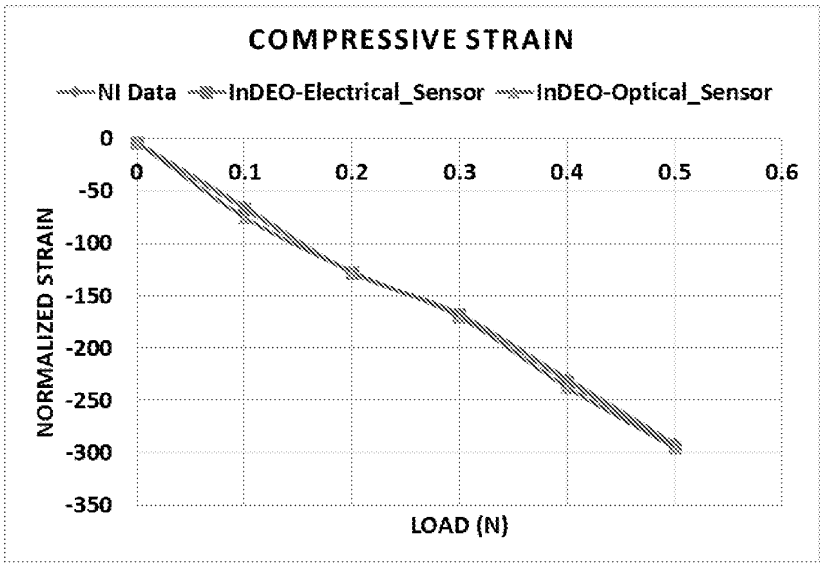


FIG. 11B

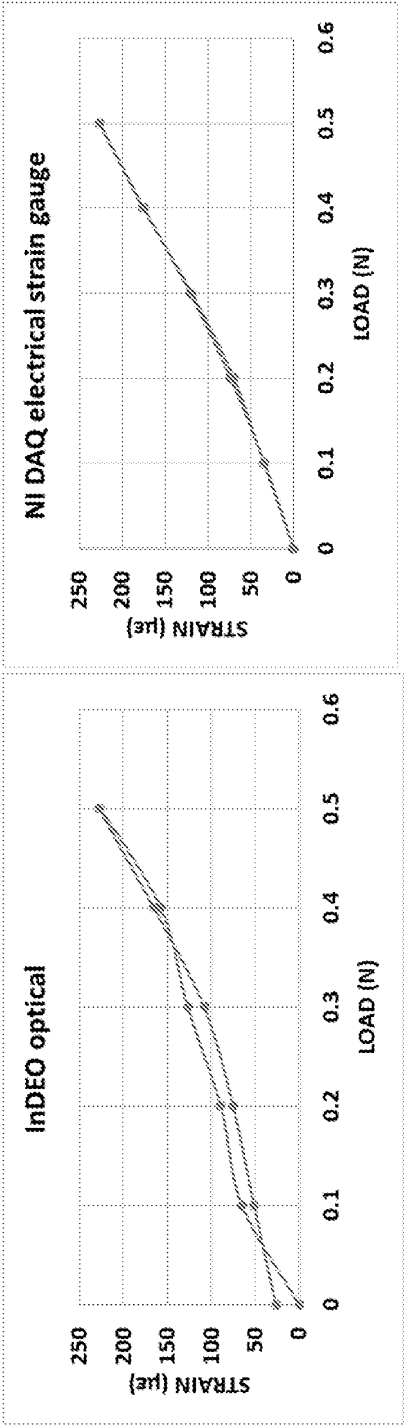


FIG. 12A

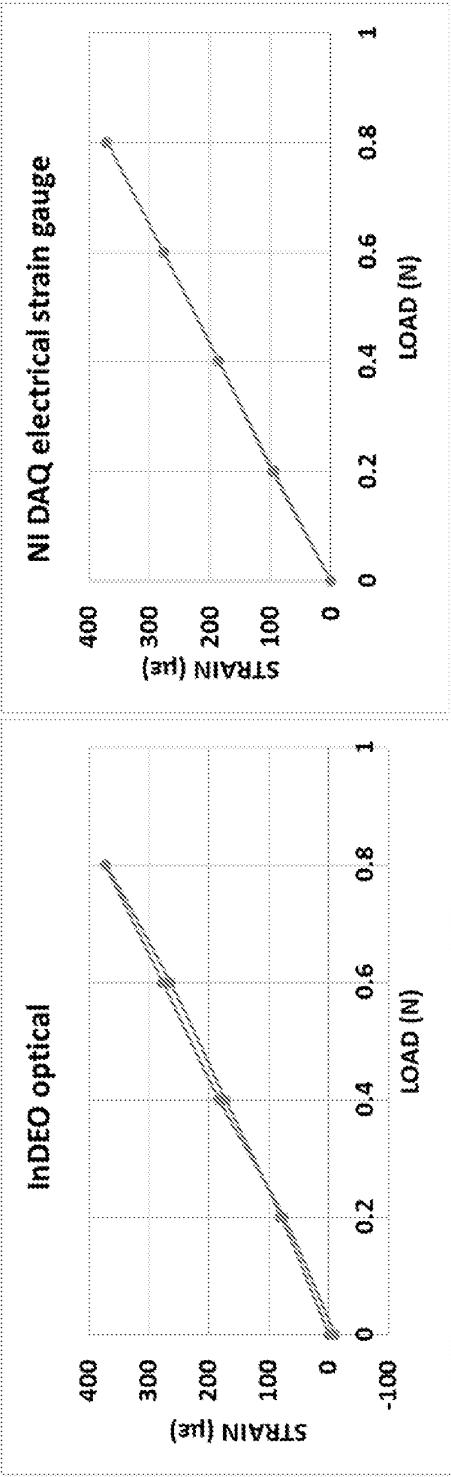


FIG. 12B

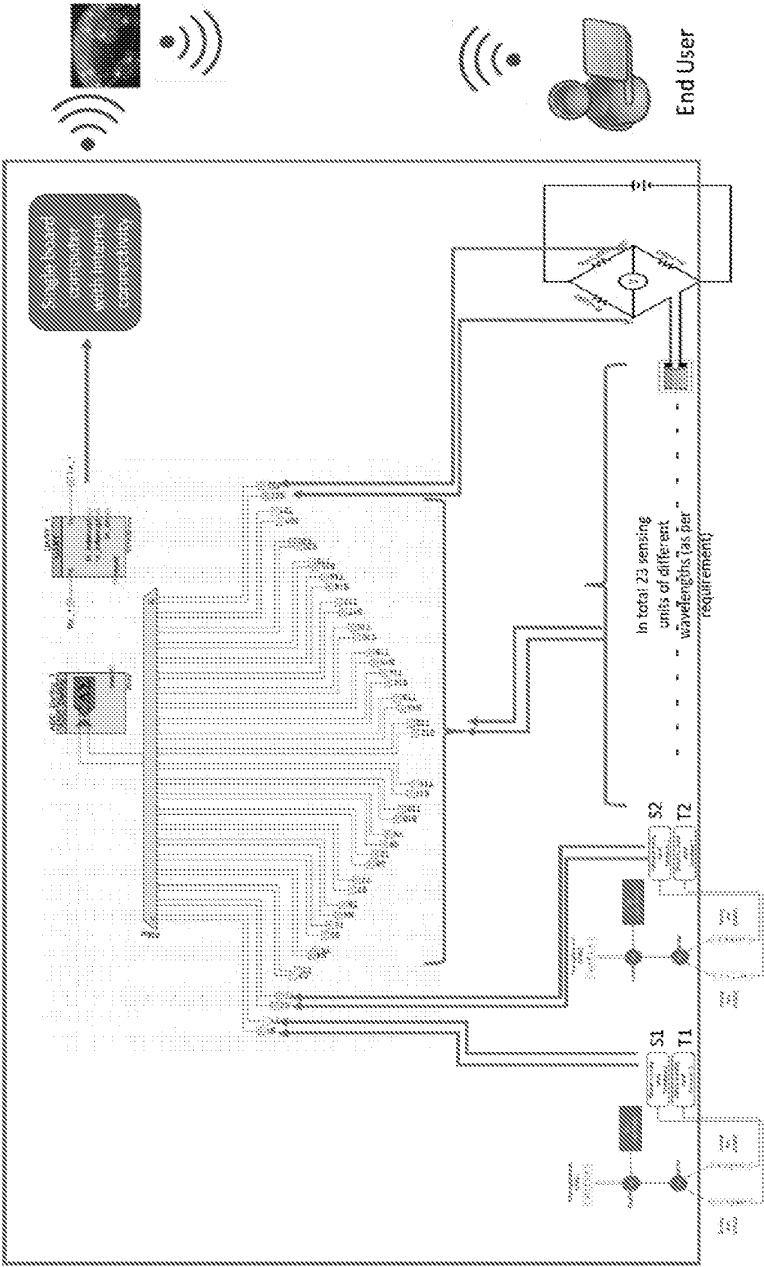


FIG. 13

18/18

	FBG data acquisition	ESG data acquisition	<u>InDEO</u>
Equipment required	Interrogator (SGD~40k)	DAQ or logger (SGD~2k)	Items in columns 2 and 3 replaced by <u>InDEO</u> (SGD~ 1k estimated)
Software	Proprietary/package with equipment	Proprietary/package with equipment	
Laptop at site	Needed	Needed	
Wireless router setup	Needed	Needed	

FIG. 14