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(54) Title: HIGHLY COMPACT MULTI-OPTICAL-JUNCTION OPTICAL FLOWCELL AND FLEXIBLY DEPLOYABLE OPTICAL SENSING ASSEMBLIES AND SYSTEMS FOR IN-SITU REAL-TIME SPECTROSCOPIC MEASUREMENTS

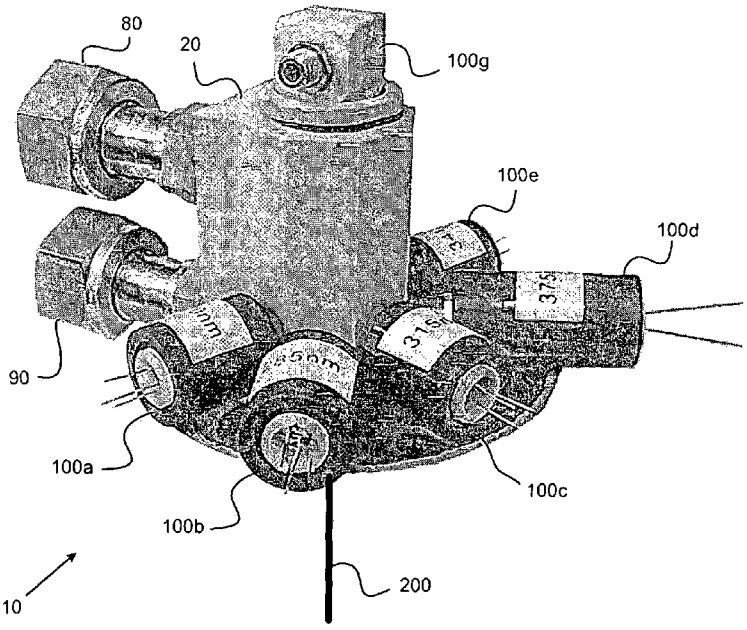


FIG. 1A

(57) Abstract: A compact optical flowcell assembly with a cylindrical housing (20) for internal fluid channel flowing in through ports (80,90) and having a plurality of transverse optical junctions (100) connected off the cylinder which directs light of different frequencies to travel parallel to the fluid channel in the cylinder to detector (200) and the parallel light propagating light exiting through another optical junction (100g) to further optical diagnostic equipment.

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