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(54) Title: SYSTEM AND METHOD FOR REAL TIME COLLECTION OF FLIGHT DATA

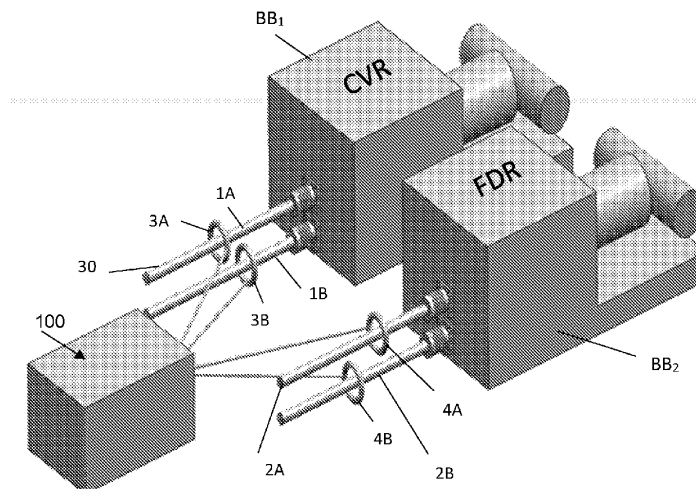


Fig. 2

(57) Abstract: A wireless flight recordation system is disclosed for collecting black-box data of an aerial platform. The wireless flight recordation system includes one or more black-box data collectors for collecting black-box data that is recorded by one or more flight recorders of the aerial platform. The wireless flight recordation system also includes at least one data transmission interface connectable to the black-box data collectors for receiving the black-box data and establishing a wireless communication link with a wireless data communication network which is capable of providing data communication services to the aerial platform during flight. The data transmission interface transmits the black-box data or at least a parts thereof, via the wireless data communication network, to a receiver remote from the aerial platform. In some implementations the black-box data collectors are adapted to interface (e.g. sniff) one or more black-box cables, which provide data feed to the one or more flight recorders, to thereby indirectly receive the black-box data.

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