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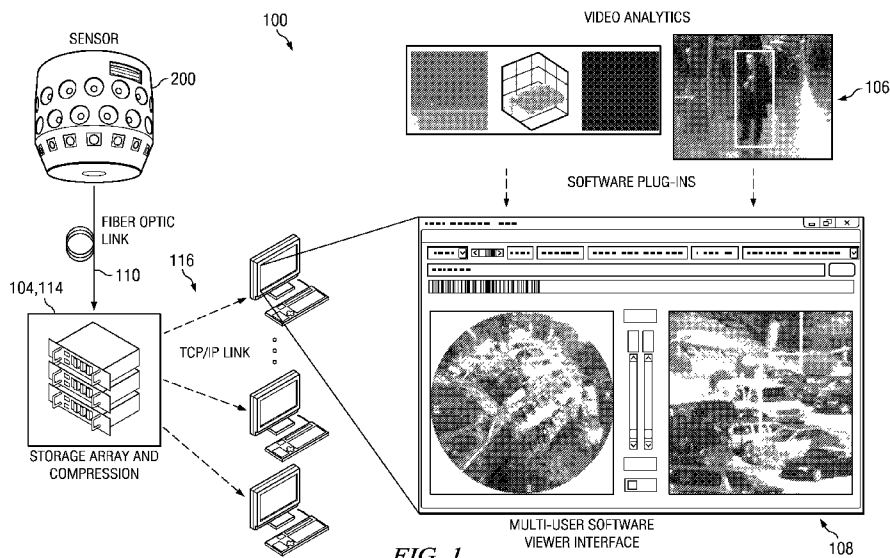
(54) **Title:** IMAGING SYSTEM FOR IMMERSIVE SURVEILLANCE

FIG. 1

(57) **Abstract:** Security guards at big facilities, such as airports, monitor multiple screens that display images from individual surveillance cameras dispersed throughout the facility. If a guard zooms with a particular camera, he will lose image resolution, along with perspective on the surrounding area. Embodiments of the inventive Imaging System for Immersive Surveillance (ISIS) solve these problems by combining multiple cameras in one device. When properly mounted, example ISIS systems offer 360-degree, 100-megapixel views on a single screen. (Other resolutions may also be employed.) Image-stitching software merges multiple video feeds into one scene. The system also allows operators to tag and follow targets, and can monitor restricted areas and sound an alert when intruders breach them.



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