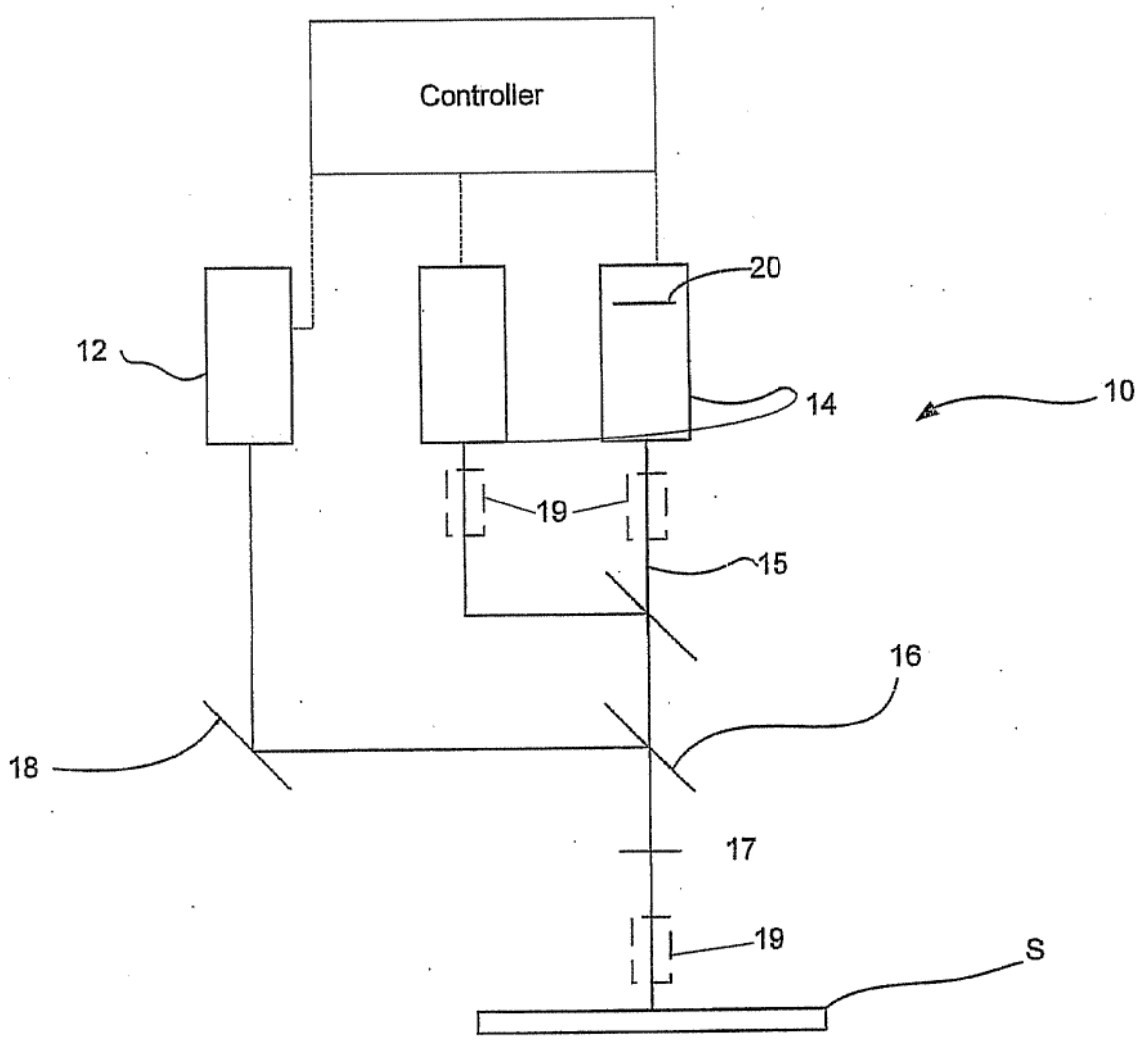



Fig. 1

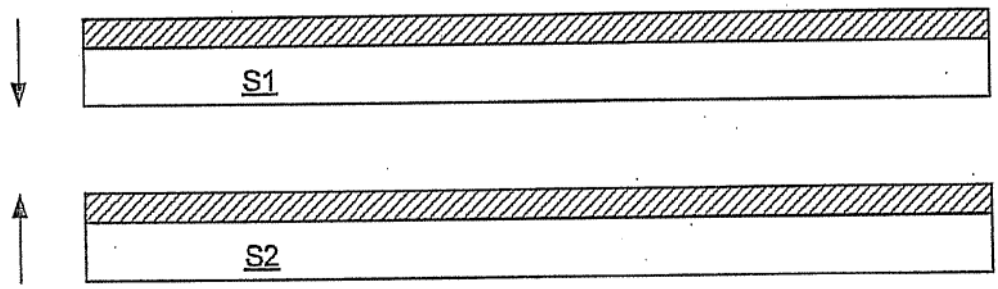



Fig. 2

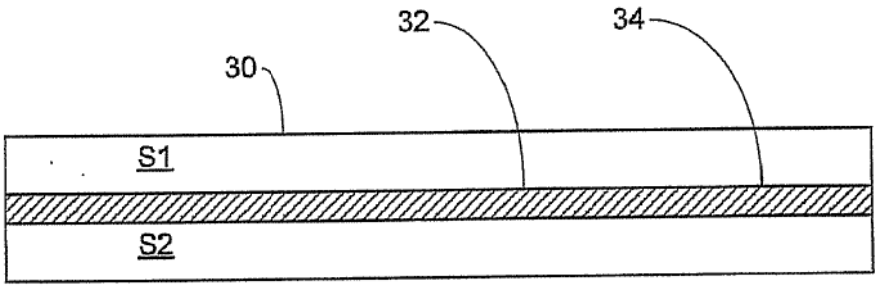



Fig. 3

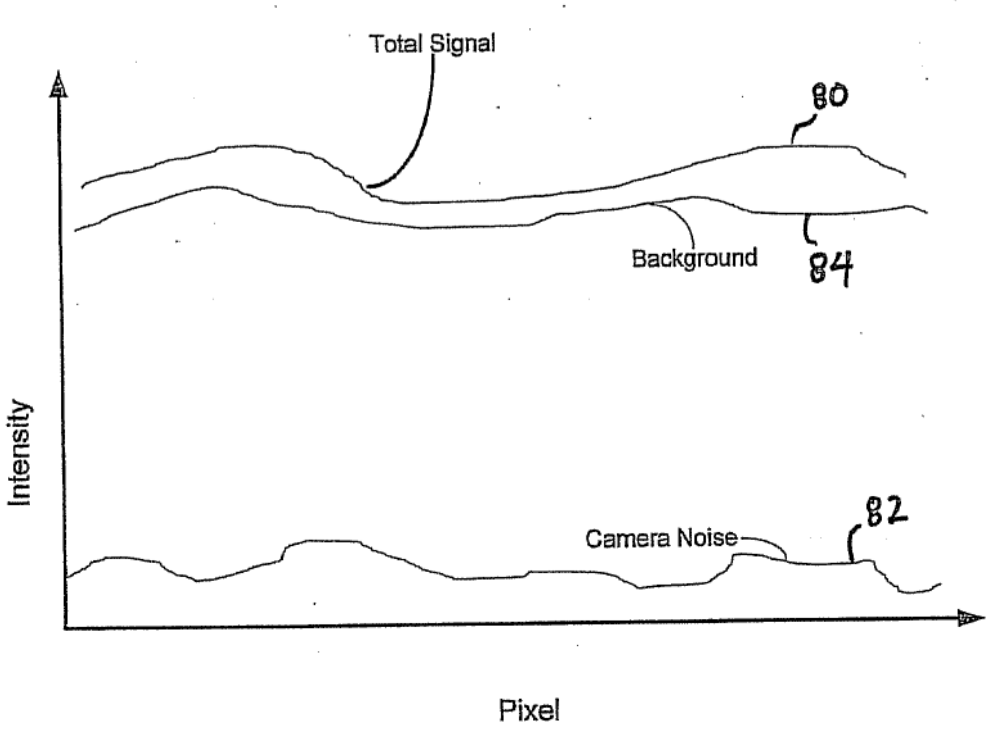

Total Signal
80
Background
84
Intensity
82
Camera Noise
Pixel

Fig. 4

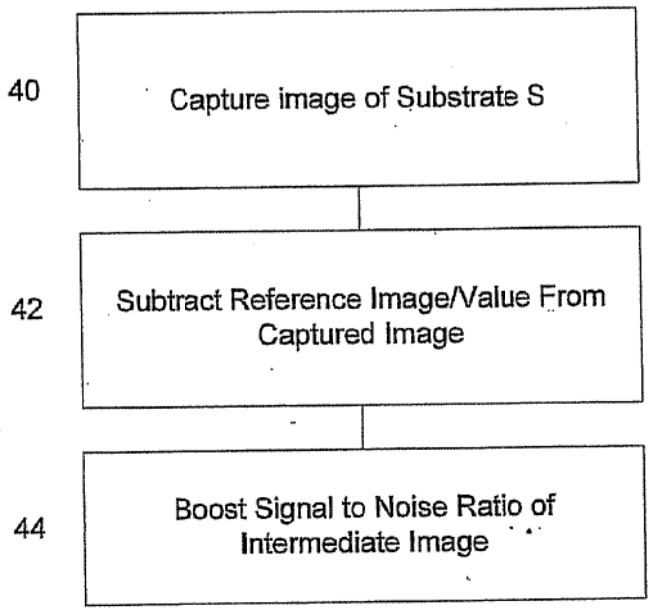

40
Capture image of Substrate S
42
Subtract Reference Image/Value From Captured Image
44
Boost Signal to Noise Ratio of Intermediate Image

Fig. 5

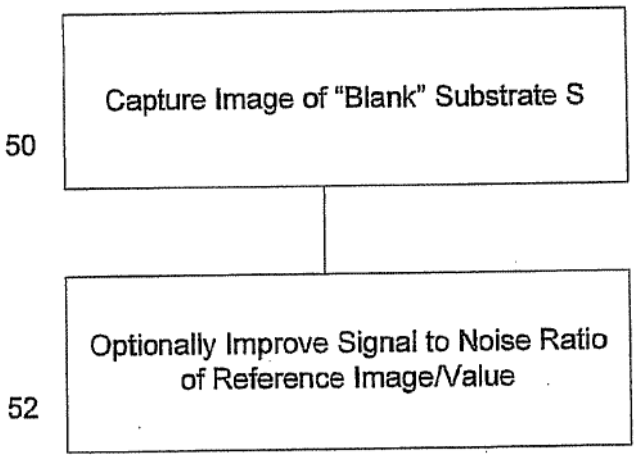

50
Capture Image of "Blank" Substrate S
52
Optionally Improve Signal to Noise Ratio of Reference Image/Value

Fig. 6