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[54] DISPLAY MONITORING SYSTEM FOR DETECTING AND TRACKING AN INTRUDER IN A MONITOR AREAG330201

[75] Inventors: **Yoshinori Kuno**, Oomiya; **Kazuhiro Fukui**; **Hiroaki Nakai**, both of Yokohama, all of Japan

[73] Assignee: **Kabushiki Kaisha Toshiba**, Kawasaki, Japan

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[52] **U.S. Cl.** **358/108**; 358/126; 382/1

[58] **Field of Search** 358/126, 125, 105, 108; 382/1

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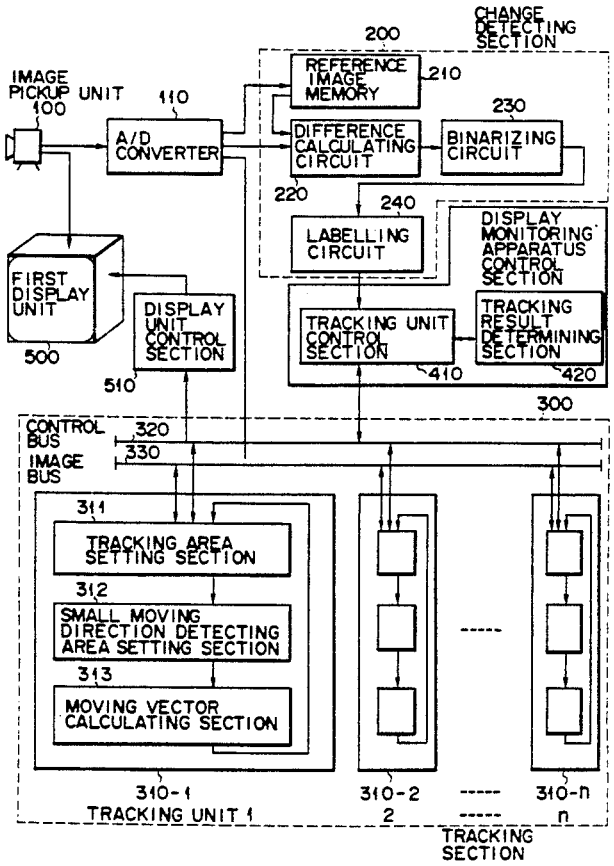
Primary Examiner—Victor R. Kostak
Attorney, Agent, or Firm—Oblon, Spivak, McClelland, Maier & Neustadt

[57] **ABSTRACT**

A display monitoring system of the invention comprises an image pickup section for picking up an image including at least one of an object to be picked up and a background, a change detecting section for detecting an image changing area in the picked-up image, a tracking section for tracking the changing area, and a display monitoring system control section for controlling the tracking section, determining a tracking result, and performing predetermined processing. In addition, the system includes a display unit control section for outputting the data of the tracking area as data of a rectangular frame, and a display section for displaying the image picked up by the image pickup means together with the tracking area.

13 Claims, 9 Drawing Sheets