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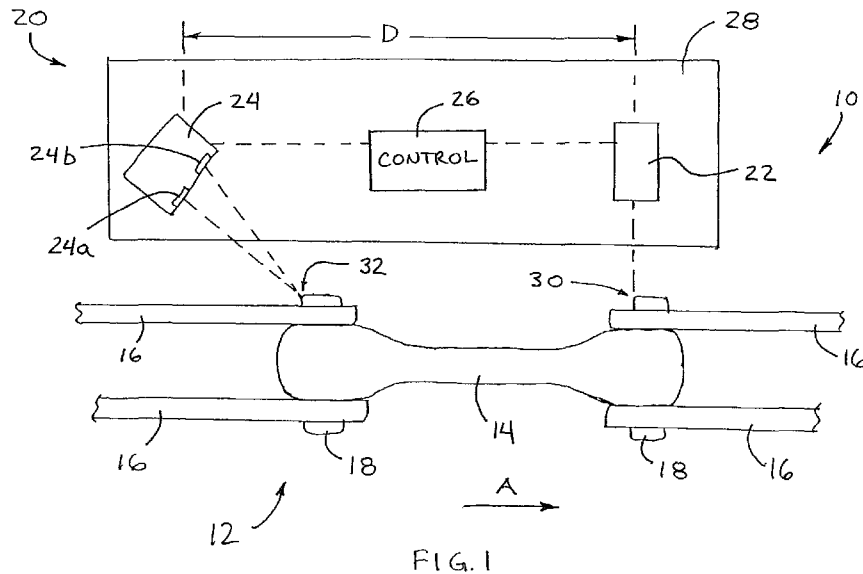
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[Continued on nextpage]

(54) **Title:** CHAIN WEAR MONITORING DEVICE



(57) **Abstract:** A conveyor system (10) and method of measuring chain wear includes first and second sensign devices (22, 24) positioned at a conveyor line or path and directed toward a conveyor chain (12) that is movable along the conveyor path. The first sensing device (22) senses the presence of a first chain portion of the conveyor chain (12) at a predetermined location as the conveyor chain moves along the conveyor line. The second sensing device (24) is operable to sense a location of or distance to the second chain portion or may capture an image of the second portion. A controller (26) is operable to determine a degree of wear of a section of chain extending between the first and second chain portions in response to the second sensing device.



WO 2008/024685 A8



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