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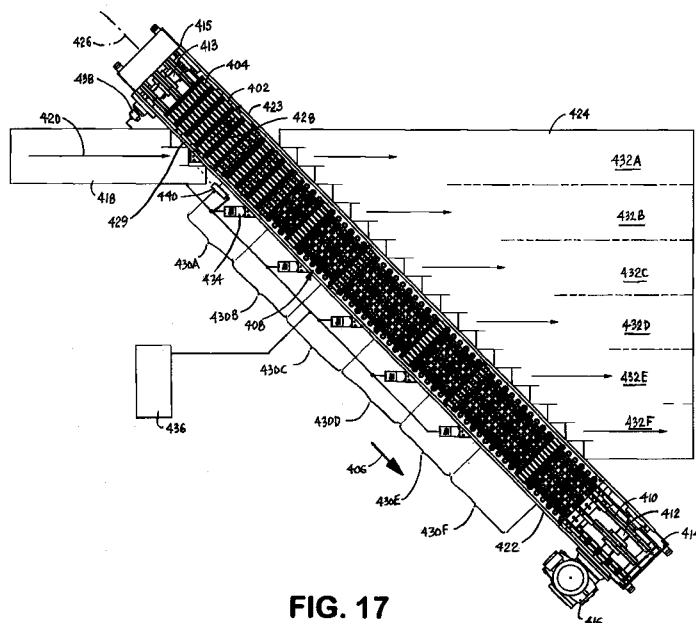


FIG. 17

(57) **Abstract:** A conveyor system (100) in-
cludes a conveyor belt (102) having belt
rollers (118) configured to divert articles on
the belt (102) and a drive mechanism that en-
gages the belt rollers (118). The drive mecha-
nism is configured to drive the belt rollers
(118) and is adjustable to selectively drive the
belt rollers (118) in a first angular direction
and, optionally, a second, opposite angular
direction so that articles can be selectively di-
verted to either side of the belt at a desired
angle. One version of the drive mechanism
has drive rollers (308) mounted in cartridges
(334) and rack gears (342) engaging pinion
gears on the cartridges to adjust the orienta-
tion of the drive rollers (308) relative to the
belt rollers. Such a conveyor system with a
series of sequential roller actuation zones
(430) driven by separately actuated drive
mechanisms is arranged diagonally to an in-
feed conveyor (418) and a multi-lane out-
bound conveyor (424) to realize a switch con-
veyor.