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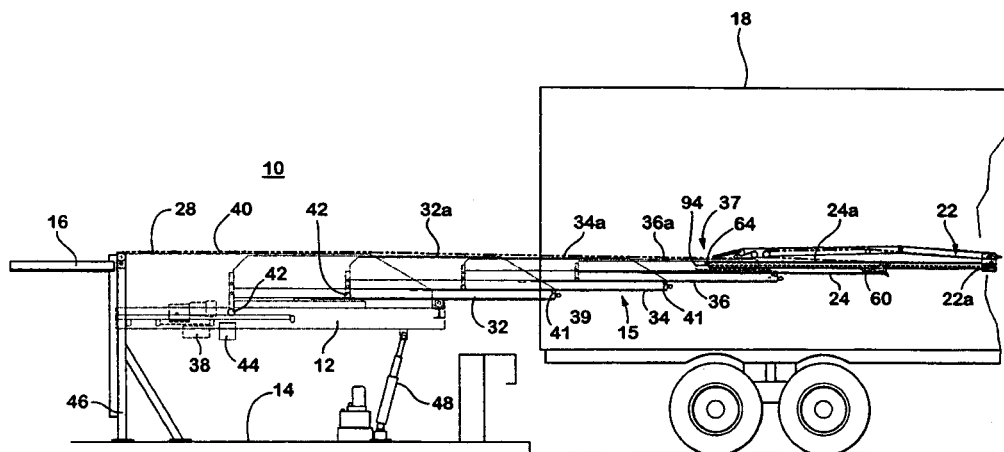
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(54) Title: EXTENDABLE CONVEYOR WITH ADDITIONAL BOOM SECTION



(57) Abstract: An outer extendable boom (22) or extension is implemented on an extendable conveyor (10) of conventional design, which includes at least two extendable units (15), each of which is nested within the next inwardly positioned unit and adjustably positioned between an extended position and a retracted position. The outer boom (22) includes a pair of opposite side members (50) which extend within an outer conventional extendable unit (24) and a conveying surface (26). A support system (37) is provided to support the outer boom (22) as it extends and retracts within the outer extendable unit (15). A forward support member (60) of the support system (37) is laterally aligned with the side members (50) and a cantilever support member (64) is vertically spaced from a rearward end of the side members (50), such that a reduced range in width and a reduced range in height of the extendable units (15) may be achieved. Accordingly, the outer boom (22) or extension provides a substantial increase in the extendable reach of the conveyor assembly, while avoiding any adverse affect on the width of the conveying surfaces and the height of the conveying surface associated with the base unit. The present invention also provides for an extendable attachment to be implemented within a pre-existing conventional extendable conveyor assembly.