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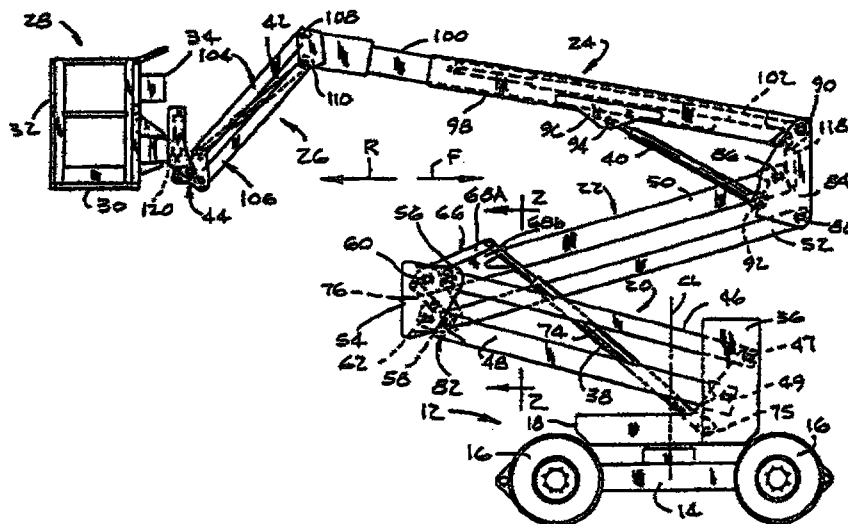


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(54) Title: **ARTICULATED AERIAL WORK PLATFORM SYSTEM**

(57) Abstract

An articulated aerial platform system (10) having a lift assembly including an upper parallelogram riser (22) and a lower parallelogram riser (20). The upper and lower risers (22, 20) are raised and lowered by a single riser cylinder (38) mounted between a base of the system (10) and the upper riser (22). Relative pivoting motion of the upper and lower risers (22, 20) is controlled by a timing link (76) interconnecting the upper and lower risers (22, 20). A work platform (28) mounted at the end of a jib (26) pivotally connected to a telescoping boom (24) pivotally connected to the upper riser (22) is leveled for boom motion by operation of a master cylinder (118) and slave cylinder (120) arrangement. The slave cylinder (120) is disposed in a generally vertical position. A jib cylinder (42) actuating motion of the jib (26) is connected across the diagonal of the jib (26).