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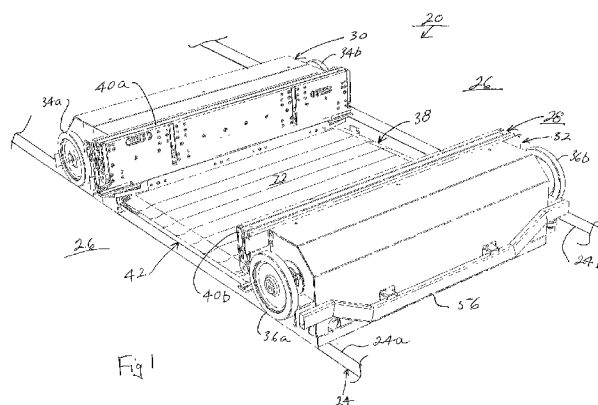
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(54) Title: SHUTTLE FOR AUTOMATED WAREHOUSE



(57) Abstract: A shuttle (20) is provided for a warehouse having a runway for the shuttle and a plurality of shelves extending along and adjacent to the runway. The shuttle (20) includes a chassis (28) made up of first and second chassis portions (30, 32) and an article - carrying area (38) between the chassis portions (30, 32). A pair of first running wheels (34) are provided on the first chassis portion (30) to travel along the runway. A pair of second running wheels (36) are provided on the chassis (28) spaced from said first running wheels (34) to travel along the runway. A pair of extendable arms (40) is mounted to the chassis (28) in order to transfer an article between one of said shelves and the article - carrying area (38). The arms (40) are extendable to transfer an article to or from one of the shelves and are retractable to transfer an article to or from the article - carrying area (38). A connector assembly (42) connects the first and second chassis portions (30, 32). One of the arms (40a) is mounted to the first chassis portion (30) and the other of said arms (40b) is mounted to the second chassis portion (32). The connector assembly (42) is able to vary the spacing between the first and second chassis portions (30, 32) thereby varying the spacing between the arms (40a, 40b) to engage articles of different widths.



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