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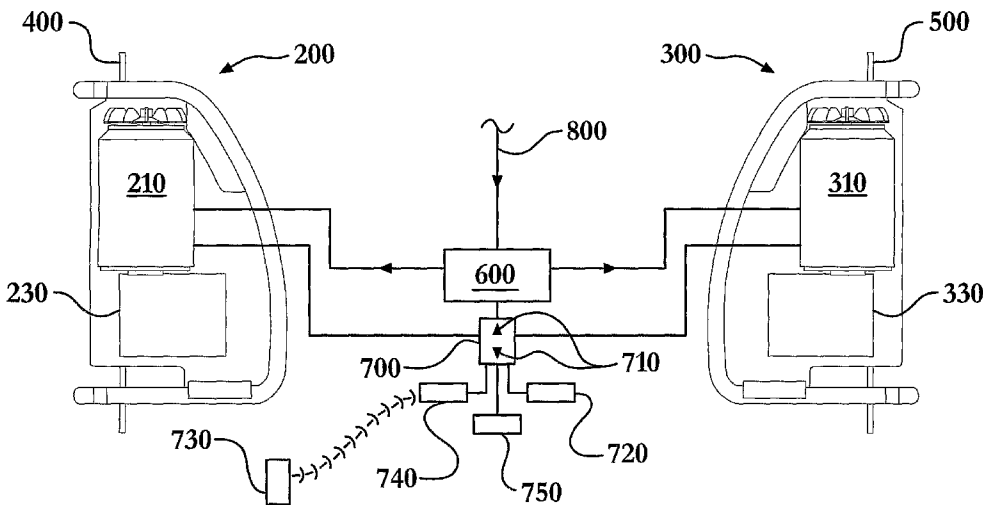
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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: POWERED CONTROLLED ACCELERATION SUSPENSION WORK PLATFORM HOIST SYSTEM



(57) Abstract: A powered controlled acceleration suspension work platform hoist system (10) for raising and lowering a work platform (100) at a predetermined acceleration. The system (10) incorporates several hoists (200, 300) attached to the work platform (100) and in electrical communication with the motor control system (600). The motor control system (600) is attached to the work platform (100) and is in electrical communication with a constant frequency input power source (800) and the hoist motors (210, 310). The motor control system (600) controls the acceleration of the work platform (100) as it is raised and lowered by controlling the hoist motors (210, 310). The controlled acceleration hoist system (10) also includes a platform control system (700) attached to the work platform (100) that is in electrical communication with the motor control system (600) and the hoist motors (210, 310).

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INTERNATIONAL SEARCH REPORT

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USPC - 182/148

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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USPC - 182/148

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MicroPatent, IP.com, DialogPro

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,821,842 A (CAVALIERI) 18 April 1989 (18.04.1989) entire document	1-15, 26
Y	US 6,247,680 B1 (COHEN) 19 June 2001 (19.06.2001) entire document	1-15, 26
Y	US 6,598,859 B1 (KURECK et al) 29 July 2003 (29.07.2003) entire document	2-15, 26
Y	US 4,462,484 A (CRUDELE) 31 July 1984 (31.07.1984) entire document	8
Y	US 5,167,401 A (JAMES et al) 01 December 1992 (01.12.1992) entire document	9
Y	US 6,405,114 B1 (PRIESTLEY et al) 11 June 2002 (11.06.2002) entire document	12-15, 26

Further documents are listed in the continuation of Box C.

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