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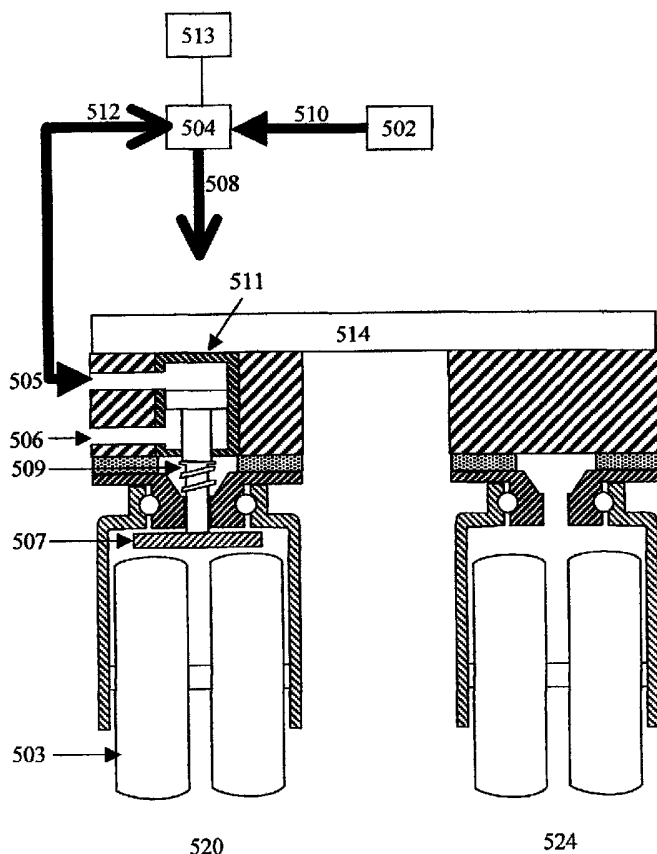
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- (71) Applicant and
(72) Inventor: **SILVERSTEIN, Harlan** [US/US]; Prism Production Services, LLC, 970 New Brunswick Ave, Building G, Rahway, NJ 07065 (US).
- (73) Inventor; and
(75) Inventor/Applicant (for US only): **SCHWARTZ, Gary** [US/US]; D12 Avon Drive, East Windsor, NJ 08520 (US).
- (74) Agent: **NOWOTARSKI, Mark**; Markets, Patents & Alliances LLC, 30 Glen Terrace, Stamford, CT 06906-1401 (US).
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(54) Title: PNEUMATIC LOCKING SWIVEL CASTER



(57) Abstract: A pneumatic locking swivel caster comprises a swivel caster (101) and a locking device (114) which may be activated by fluid pressure. The swivel caster may be a dual wheel swivel caster. An improved theatrical prop (310) or scenery element comprises a pneumatic locking swivel caster and a control system (500). The control system may comprise a tank filled with pressurized air and a control valve (504). A pneumatic locking swivel caster may be locked into position by activating the control valve and pressuring the caster with air. The pneumatic locking swivel caster may comprise a triple swivel caster adapted such that all three sets of wheels are locked by air pressure.



European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B60B 33/04

US CL : 16/18R

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)

U.S. : 16/18R, 35/R, 47

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 4998,320 A (LANGE) 12 March 1991 (12.03.1991), figures 1-4.	1-3, 5, 9, 10, 13, 14, 17, and 19-25 ----- 4, 6- 8, 11, 12, 15, 16, and 18
Y	US 5,184,373 A (LANGE) 9 February 1993 (09.02.1993), figure 1.	1-25
Y	US 5,774,936 A (VETTER) 7 July 1998 (07.07.1998), figures 1-4.	1-25
Y	US 4,722,114 A (NEUMANN) 2 February 1988 (02.02.1988), figures 1-4.	1-25
Y	US 3,730,307 A (MITCHELL) 1 May 1973 (01.05.1973), figure 1.	11



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Anthony Knight

Telephone No. (703) 306-1113