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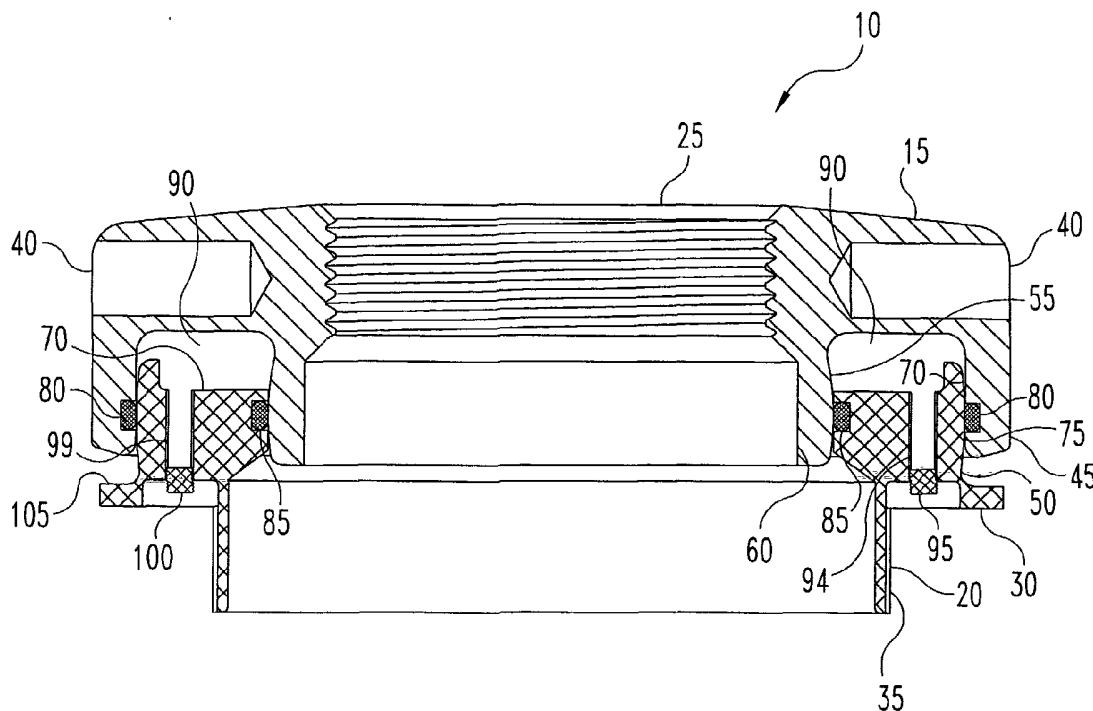
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(54) Title: LOAD CENTERING SPRING PERCH



(57) Abstract: A spring perch assembly (10) for automatically centering a load applied to a spring (450) is provided. The assembly (10) includes a body portion (15) and a base portion (20) which form a hollow cavity (90) when engaged and may tilt relative to one another. When disposed between a spring (450) and an applied load, the assembly (10) automatically centers the load along the spring's centerline.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F16F 1/06
US CL : 267/166, 286

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. : 267/166-180, 221-226, 286-291; 280/124.151, 124.168, 124.179, 124.142, 124.141; 267/218

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	US 6,217,289 B1 (SMITH) 17 APRIL 2001 (17.04.01) SEE ENTIRE DOCUMENT.	1-24
X	US 5,803,442 B1 (DESPRES ET AL) 08 SEPTEMBER 1998 (08.09.98) SEE ENTIRE DOCUMENT.	1-24
A	US 3,573,880 B1 (SAKAI) 06 APRIL 1971 (06.04.71) SEE ENTIRE DOCUMENT.	
A	US 5,636,561 B1 (PECORARI) 10 JUNE 1997 (10.06.97) SEE ENTIRE DOCUMENT.	

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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