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[Continued on next page]

(54) Title: ARTICULATED LAMP ASSEMBLY WITH IMBEDDED COMPRESSION SPRINGS

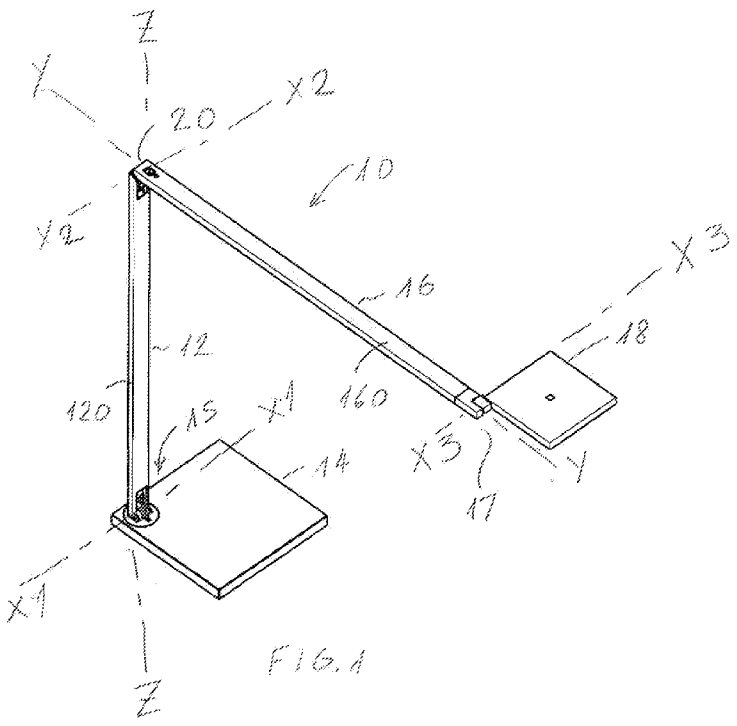

FIG. 1

(57) Abstract: A lamp suitable for desk tops and the like includes a leg or upright resting on a base or other stationary element. An arm is secured to the leg and has a light source at its end. The arm and upright can be pivoted about various axes to allow the light source to be positioned arbitrarily to various positions. A support mechanism is provided inside the upright and the arm. The mechanism includes coil springs that are selectively compressed as the arm and upright are moved to generate supporting forces. The arm and upright does maintain their position and do not fall over after the light source has been positioned to the desired location.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - F21L 27/00 (2013.01)
USPC - 362/413; 248/281.11
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)
IPC (8) - F21L 27/00 (2013.01)
USPC - 362/413; 362/410; 362/371; 248/281.11

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 (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); Google Scholar, Google Patent; Proquest; IEEE; Search Terms Upright member Rod Pole Attach Connect Jointed Light source Lamp Pivot Swivel Spring

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 4,770,384 A (KUWAZIMA, T et al.) September 13,1988; figures 1-5, 8-9, 11 and 17; columns 4, lines 62-68, column 5, lines 1-8, column 6, lines 34-58, column 7, lines 36-40, 60-64, column 8, lines 1-5, 21-26, 44-46	1-2, 4-9 --- 3, 10
Y	EP 1 985 911 A1 (RICHTER, V) October 29, 2008; see machine translation	3, 10
A	US 922,204 A (SMITH, T) May, 18, 1909; whole document	1-10
A	US 2,694,585 A (FIORI, I) November 16, 1954; whole document	1-10

☐ Further documents are listed in the continuation of Box C. ☐

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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