



(12) **United States Patent**
Liljevik

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(54) **MOUNTING BRACKET**

0643247 3/1995 (EP) .

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(73) Assignee: **Allgon AB**, Åkersberga (SE)

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Mounting Instructions 70690A1, Allgon Systems AB.

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

* cited by examiner

(21) Appl. No.: **09/260,016**

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(57) **ABSTRACT**

(30) **Foreign Application Priority Data**

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A mounting bracket useful for securing a base, such as an antenna to a pole, a tube or a post, or a similar anchor support, and including a first clamp part, being a base clamp, to be secured to the base (the antenna) adapted to be locked against the pole, and a second clamp part, being tightening clamp, adapted to partly embrace the pole and to be tightened to the base clamp with the pole clamped therebetween, preferably by a screw-nut connection on each side of the pole. The tightening clamp, is formed with two elongated slots extending in the longitudinal direction of the clamp, a first slot of which may be closed and the second slot of which is open at the end of the clamp. The slots having a width matching the diameter of the clamp screws, a length which is at least twice the diameter of the clamp screws and arranged such that the open slot of the tightening clamp can be rotated freely past the corresponding bolt thereby engaging the corresponding clamp screw through the open end of the slot after the pole has been placed in contact with the base clamp. A tightening clamp and a base clamp can be joined in a rotational joint. Thereby an object, which is mounted, e.g. an antenna, can be panned.

(51) **Int. Cl.**⁷ **A47B 96/06**; E04G 3/00;
F16B 1/00; G09F 7/18

(52) **U.S. Cl.** **248/230.4**; 248/228.4;
248/229.23; 248/229.13; 248/218.4; 248/231.51;
248/316.5; 403/385; 403/399; 343/892

(58) **Field of Search** 248/230.4, 228.4,
248/229.23, 229.13, 218.4, 219.4, 231.51,
316.1, 316.5; 403/385, 398, 399; 24/522,
525, 514; 343/892

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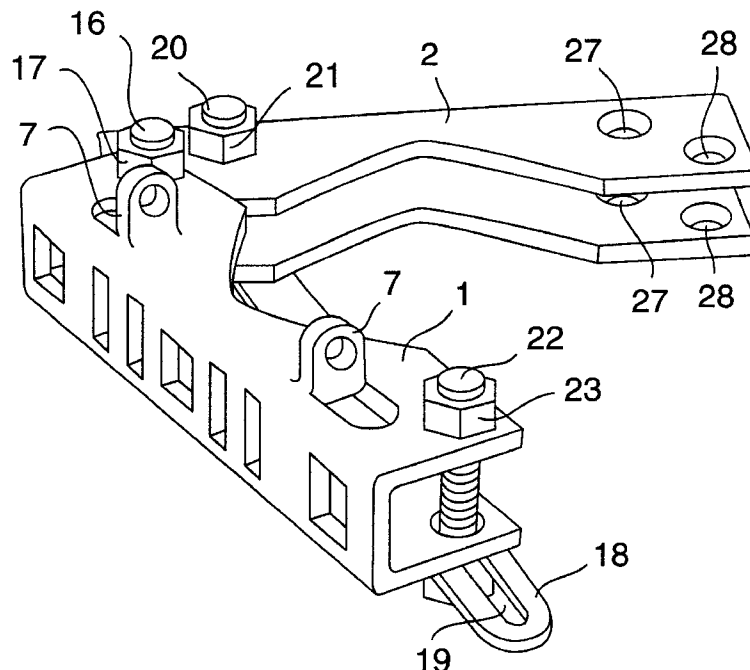
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14 Claims, 6 Drawing Sheets



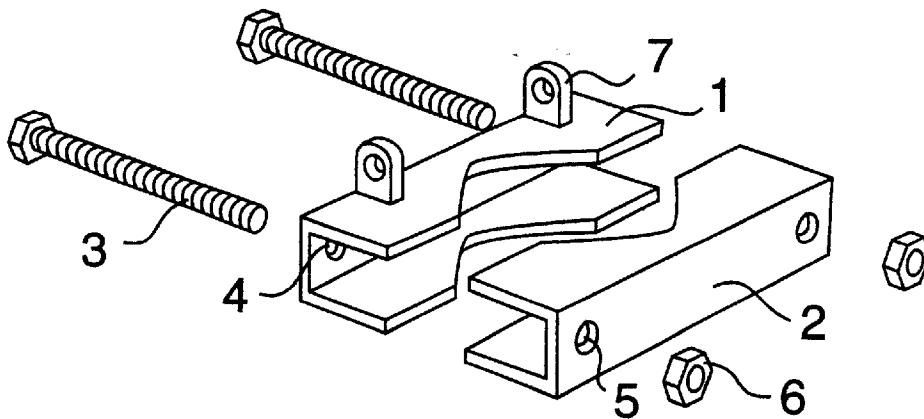


Fig. 1 (Prior art)

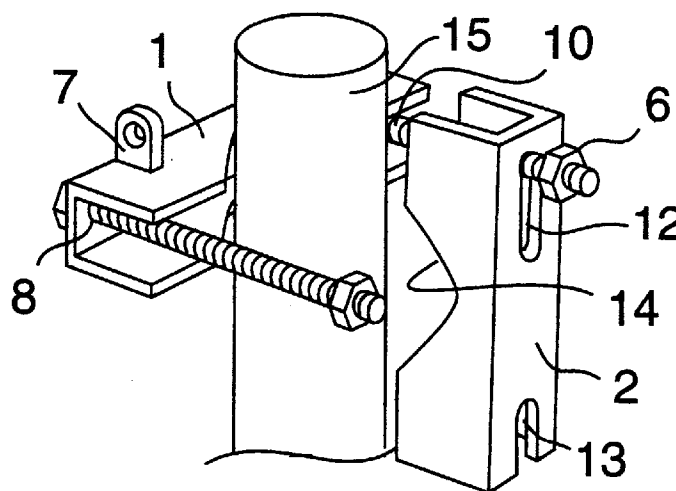


Fig. 4

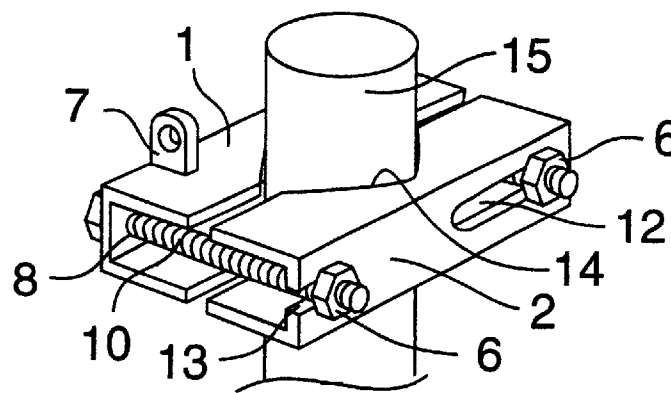


Fig. 5

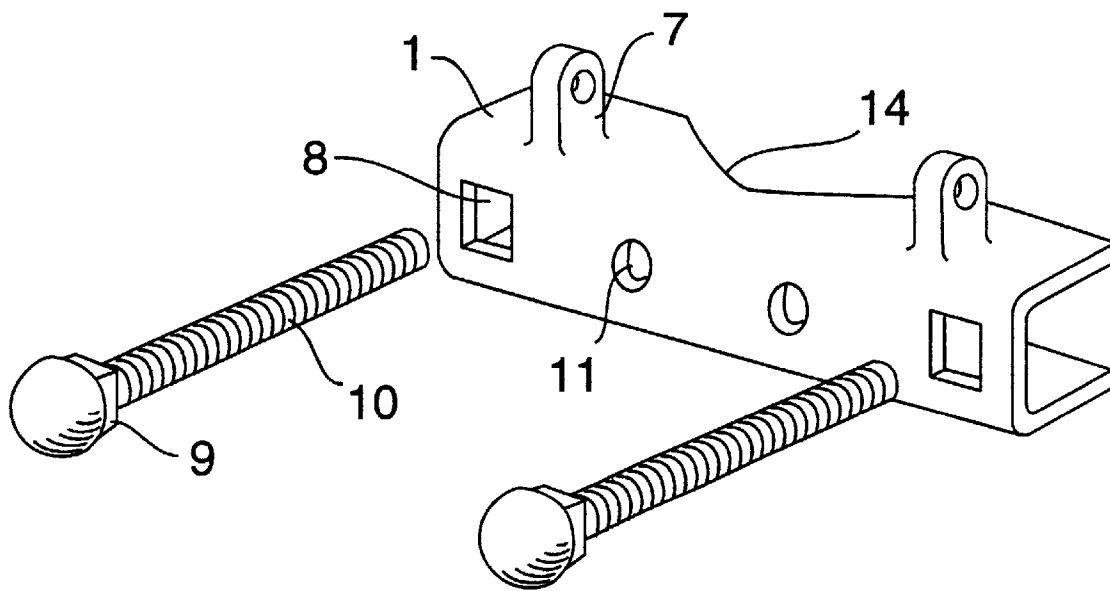


Fig. 2

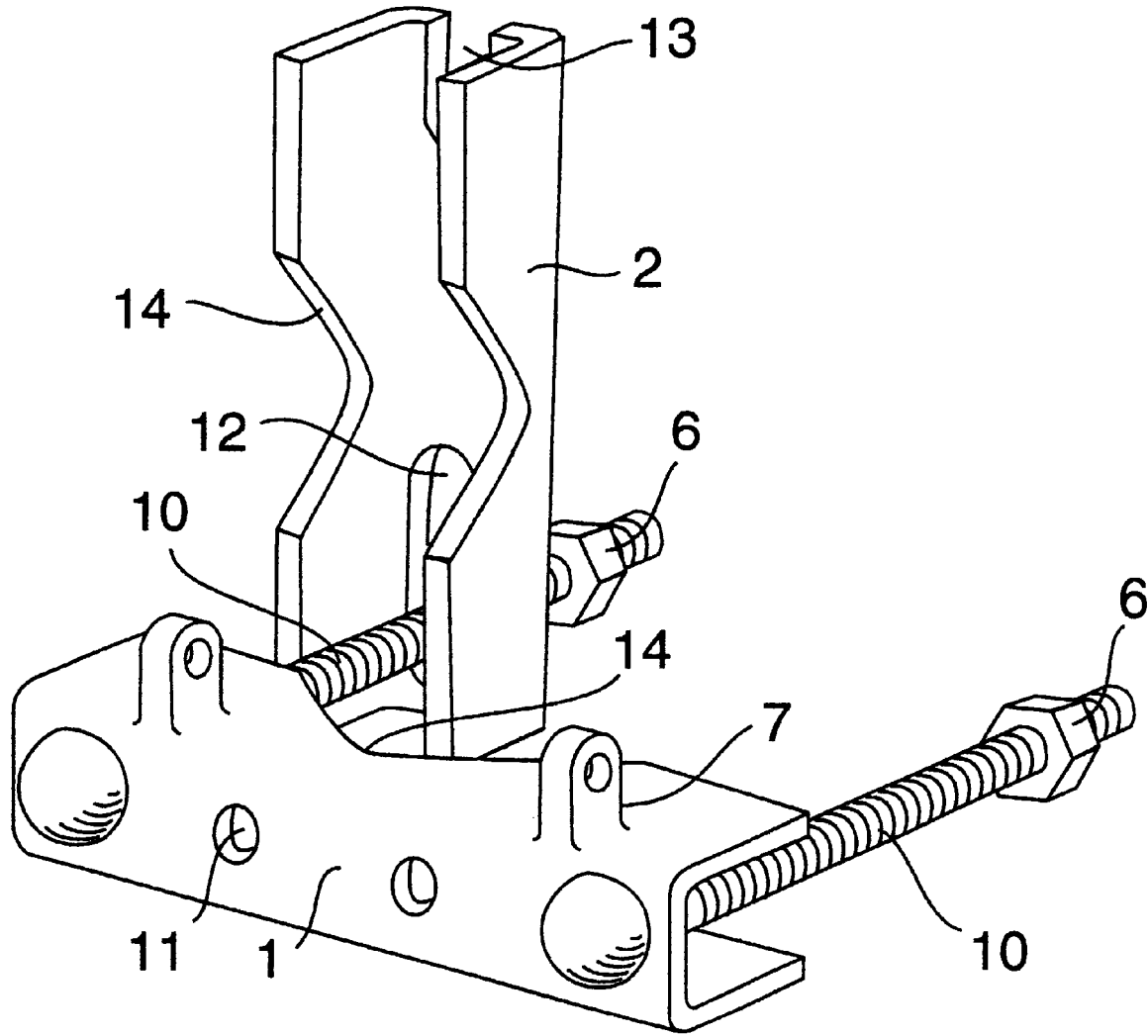


Fig. 3

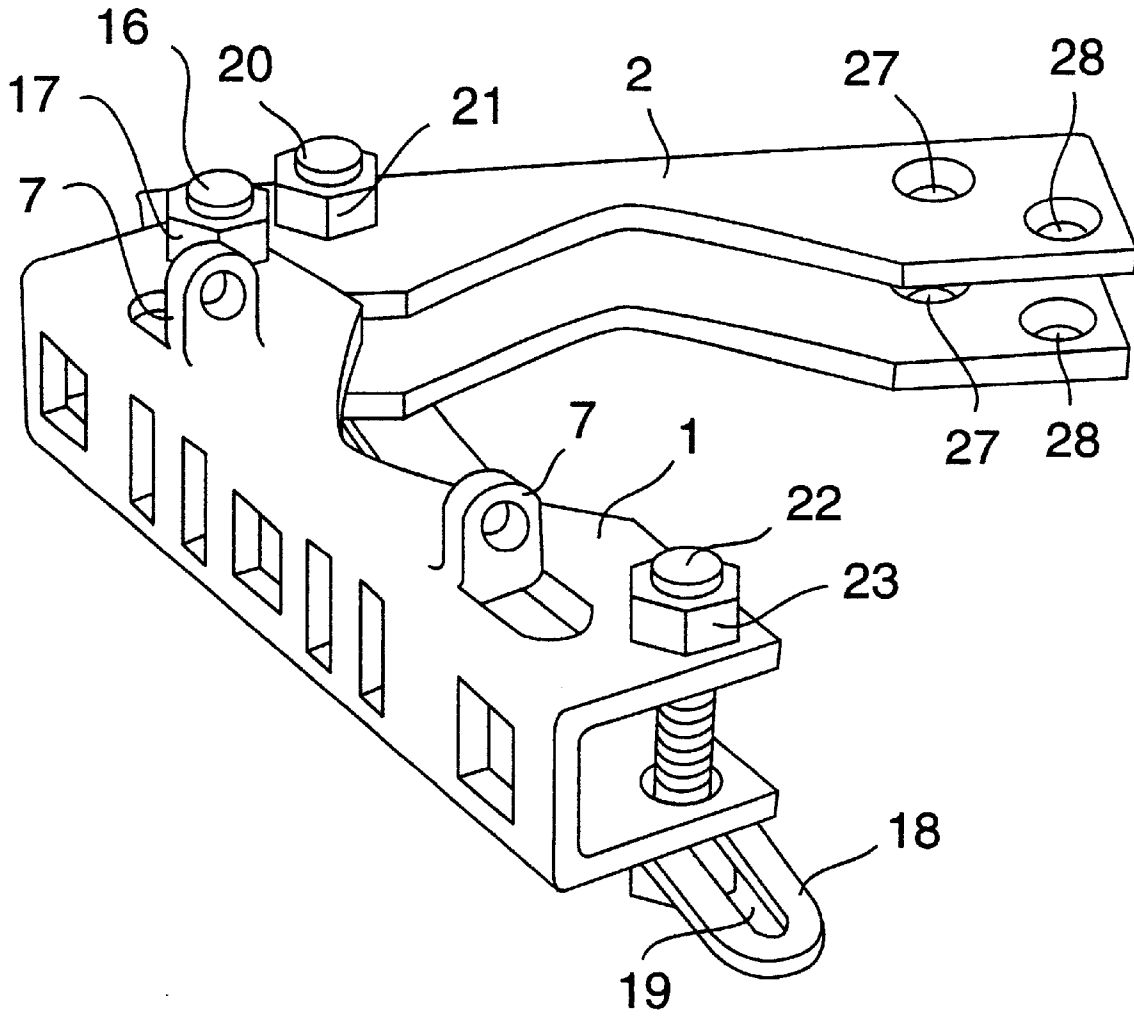


Fig. 6

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