

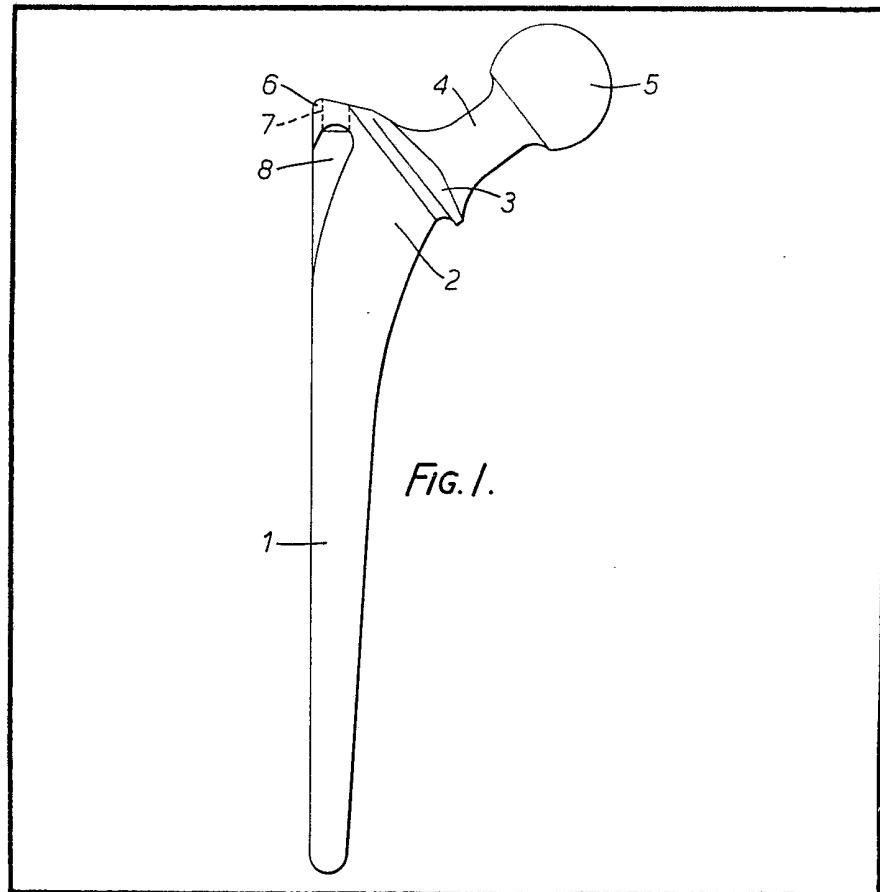
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(54) **Femoral prosthesis**

(57) A femoral prosthetic component comprises an intramedullary stem 1, a part-spherical head 5 on the proximal end of the stem 1, a distally turned

hook 6 for hooking over a portion of cement which fixes the stem 1 in the femur, a vertical fin 8 between the hook 6 and the stem 1, and a vertical bore 7 through the hook 6 for receiving a rod-form introducer with a slotted end for embracing the fin 8.



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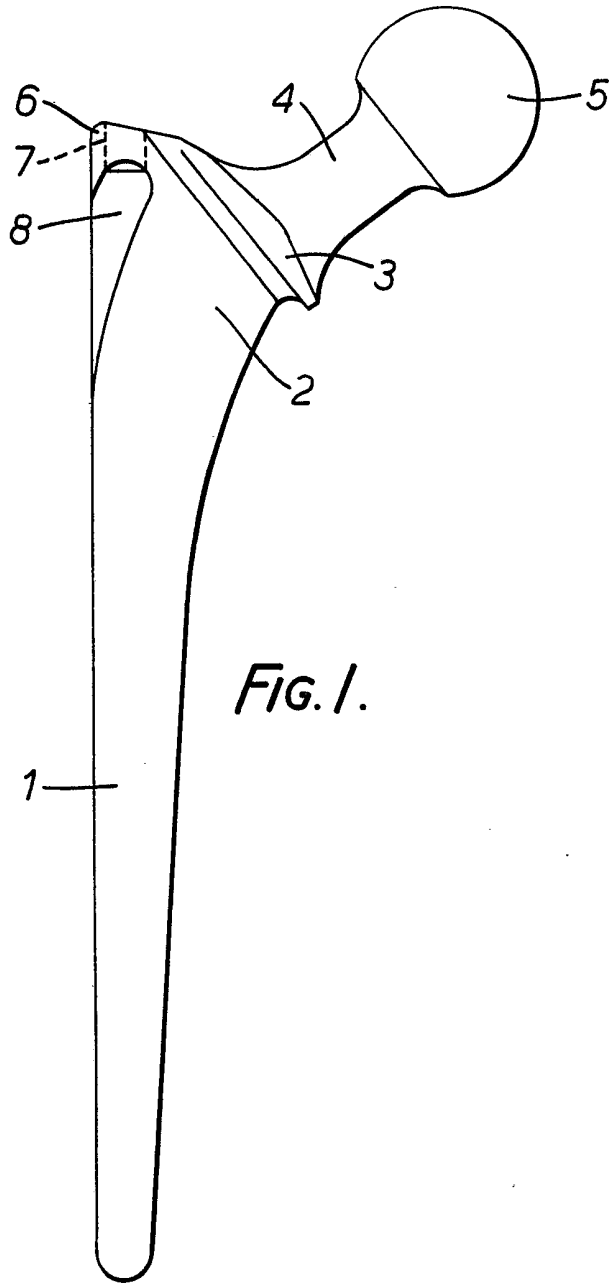


FIG. 1.

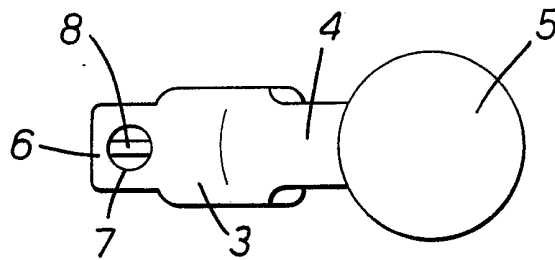


FIG. 2.

SPECIFICATION

A femoral prosthetic component

According to the present invention, there is provided a femoral prosthetic component, comprising an intramedullar stem, a part-spherical head fixed to the proximal end of the stem, and a hook fixed to said stem and for hooking over a portion of cement which fixes the stem in the femur.

In order that the invention may be clearly understood and readily carried into effect, reference will now be made, by way of example to the accompanying drawings, in which:—

Figure 1 shows an anterior elevation of a femoral prosthetic component, and

Figure 2 shows a top plan view thereof.

Referring to the drawings, the component comprises an intramedullar stem 1 which curves inwardly at an upper zone 2 thereof formed with a shoulder 3 followed by a neck 4 carrying a part-spherical femoral head 5. Projecting laterally from the portion 2 adjacent the shoulder 3 is a distally turned hook 6 formed with a vertical through bore 7. Between the distally turned end of the hook 6 and the portion 2 is formed a vertical fin 8. All of the items 1 to 8 have been forged as one piece. The fin 8 serves to strengthen the hook 6 and, moreover, by engagement by the slotted end of a rod-form introducer inserted into the bore 7,

enables the surgeon to control insertion of the stem into the femur. The hook 6 serves to hook over the wedge-shaped portion of cement which, following cementing of the stem 1 into the femur, exists in the intramedullary canal between the lateral side of the portion 2 and the femur.

Claims (Filed on 8/4/83).

1. A femoral prosthetic component, comprising an intramedullar stem, a part-spherical head fixed to the proximal end of the stem, and a hook fixed to said stem and for hooking over a portion of cement which fixes the stem in the femur.

2. A component as claimed in claim 1, and further comprising a substantially vertical fin extending distally from said hook to said stem.

3. A component as claimed in claim 2, and further comprising a substantially vertical hole through said hook said hole being of a width greater than the thickness of said fin, and said hole overlapping said fin as viewed in plan.

4. In combination, a component as claimed in claim 3 and an elongate introducer formed in one end thereof with a slot for engaging an edge of said fin on insertion of the region of said one end into said hole.

5. A femoral prosthetic component, substantially as hereinbefore described with reference to the accompanying drawing.