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(54) **APPARATUS AND METHOD FOR ATTACHING A GRAFT LIGAMENT TO A BONE**

(57)

ABSTRACT

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A novel fixation system for fixing a graft ligament in a bone tunnel. The fixation system comprises an interference screw comprising a body having a distal end and a proximal end, screw threads extending longitudinally along the body, and a transversely-extending region formed in the body for receiving a transverse pin therein, whereby to securely lock the interference screw, and hence the graft ligament, to the bone. In accordance with a further feature of the present invention, there is provided a method for attaching a graft ligament to a bone, the method comprising the steps of: (i) drilling a tunnel in the bone; (ii) positioning the graft ligament in the bone tunnel; (iii) placing an interference screw in the bone tunnel so as to force the graft ligament laterally against the opposite side of the bone tunnel; and (iv) advancing a transverse pin transversely through the bone and through the interference screw so as to securely lock the interference screw, and hence the graft ligament, to the bone. The present invention can also be applied to attach other objects to bone, e.g., a bone fragment to bone.

