**CLAIMS**

I claim:

1. A personalized surgical positioning system, comprising:

> a personalized patient engaging base constructed from a 3D model that is reconstructed from CT, MR or similar images and that is conformed to and engages part of the rim of the acetabulum of a specific pelvis; and one or more positioning stabilizers; said stabilizers each consisting of a pillar and a clamp that attach to said personalized engaging base to engage surgical instruments and align them in the correct position and at the correct angle for surgery.

2. The personalized surgical positioning system of claim 1 wherein, said personalized patient engaging base possesses a flat top surface possessing holes for the insertion of attachment devices and possessing positioning slots for the insertion of said positioning stabilizers.

3. The personalized surgical positioning system of claim 2, wherein said attachment devices are bone nails.

4. The personalized surgical positioning system of claim 2, wherein said positioning slots are designed to allow for said positioning stabilizer to be inserted and removed without any additional attachment mechanisms.

5. The personalized surgical positioning system of claim 2, wherein said positioning slots are positioned to locate said positioning stabilizer in a position determined by a surgeon where it does not interfere with or obstruct the use of a surgical instrument during an operation.

6. The personalized surgical positioning system of claim 2, wherein said pillar can be inserted into said positioning slots of said personalized patient engaging base.

7. The personalized surgical positioning system of claim 2, further comprising a means for controlling the depth of a surgical instalments used in conjunction with said surgical positioning system.

8. The personalized surgical positioning system of claim 7, wherein said means for controlling the depth of surgical instruments is a visible indicator that is applied to said surgical instruments.

9. The personalized surgical positioning system of claim 7, wherein said means for controlling the depth of surgical instruments is a physical block attached to said surgical instruments.