

WHAT IS CLAIMED IS:

1. A hanger for landing in a first direction in a bowl and latching in a second direction opposite the first direction in an internal groove of the bowl, the hanger comprising:
 - a hanger body for positioning in the bowl, the hanger body having an exterior surface; and
 - a latch supported on the exterior surface and having a split ring with a joint, the joint holding the split ring in a compressed state about the exterior surface and disjoining in response to engagement of the latch in the bowl, the split ring expanding outward into the internal groove in response to the disjoining,
 - the latch supporting the hanger body in the first direction in the bowl,
 - the split ring expanded into the internal groove constraining movement of the hanger body in the second direction from the bowl.
2. The hanger of claim 1, wherein the latch comprises a traveling ring supported on the exterior surface and supporting the split ring, the traveling ring engagable with the bowl in the first direction and moving the split ring in the second direction against a portion of the hanger body for disjoining the joint.
3. The hanger of claim 2, further comprising one or more temporary connections holding the traveling ring supported temporarily on the exterior surface.
4. The hanger of claim 2, wherein to support the hanger body in the first direction in the bowl, the traveling ring comprises a first shoulder facing in the first direction and engageable with a second shoulder of the bowl facing in the second direction, and wherein the hanger body comprises a third shoulder facing in the first direction and engageable with the split ring, the split ring supported by the traveling ring.

5. The hanger of claim 2, wherein to constrain movement of the hanger body in the second direction from the bowl, the hanger body comprises a first shoulder facing in the second direction and engageable with the traveling ring, the traveling abutting the split ring against a second shoulder in the groove facing in the first direction.
6. The hanger of claim 1, wherein to support the hanger body in the first direction in the bowl, the split ring comprises a first shoulder facing in the first direction and engageable with a second shoulder of the groove facing in the second direction, and wherein the hanger body comprises a third shoulder facing in the first direction and engageable with the split ring.
7. The hanger of claim 6, wherein to constrain movement of the hanger body in the second direction from the bowl, the hanger body comprises a fourth shoulder facing in the second direction and engageable with the spit ring, the split ring abutting against a fifth shoulder in the groove facing in the first direction.
8. The hanger of claim 1, wherein the joint in the split ring comprises a weld formed at a split in the split ring.
9. The hanger of claim 1, wherein the joint in the split ring comprises a fixture disposed at a split in the split ring.
10. The hanger of claim 1, further comprising one or more temporary connections holding the latch supported temporarily on the exterior surface.
11. The hanger of claim 1, wherein the exterior surface of the hanger body defines a shoulder expanding the split ring radially outward when moved in the second direction thereagainst and disjoining the joint.
12. The hanger of claim 11, wherein the exterior surface of the hanger body defines a protrusion protruding from the shoulder.

13. The hanger of claim 1, wherein the exterior surface of the hanger body defines a protrusion expanding the split ring radially outward when moved in the second direction thereagainst and disjoining the joint.

14. A hanger for landing in a first direction on a first shoulder in a bowl of a well component having an internal groove in the bowl, the first shoulder facing in a second direction opposite the first direction, the hanger comprising:

- a hanger body for positioning in the first direction in the bowl, the hanger body having an exterior surface and having a second shoulder extending from the exterior surface in the first direction;

- a traveling ring supported on the exterior surface and engagable with the first shoulder in the bowl; and

- a latch ring supported on the exterior surface and having a joint at a split in the latch ring, the joint holding the latch ring in a compressed state about the exterior surface, the latch ring movable in the second direction with the engagement of the traveling ring against the first shoulder, the joint disjoining with engagement of the latch ring against the second shoulder, the latch ring expanding outward into the internal groove in response to the disjoining,

- the traveling ring and the latch ring supporting the hanger body in the first direction in the bowl,

- the latch ring expanded into the internal groove constraining movement of the hanger body in the second direction from the bowl.

15. A wellhead, comprising:

- a well component having a bowl with a first shoulder and an internal groove defined therein, the first shoulder facing in a second direction opposite a first direction;

a hanger for positioning in the first direction in the bowl, the hanger having an exterior surface and having a second shoulder extending from the exterior surface in the first direction;

a traveling ring supported on the exterior surface and engagable with the first shoulder in the bowl; and

a latch ring supported on the exterior surface and having a joint at a split in the latch ring, the joint holding the latch ring in a compressed state about the exterior surface, the latch ring movable in the second direction with the engagement of the traveling ring against the first shoulder, the joint disjoining with engagement of the latch ring against the second shoulder, the latch ring expanding outward into the internal groove in response to the disjoining,

the traveling ring and the latch ring supporting the hanger body in the first direction in the bowl,

the latch ring expanded into the internal groove constraining movement of the hanger body in the second direction from the bowl.

16. A method of landing a hanger in a first direction in a bowl of a well component having an internal groove and a first shoulder, the first shoulder facing in a second direction opposite the first direction, the method comprising:

joining a split ring in a compressed state on an exterior surface of the hanger;

positioning the hanger in the first direction in the bowl;

disjoining the split ring in response to engagement against the first shoulder; and

latching the hanger in the well component by expanding the split ring outward into the internal groove in response to the disjoining, supporting the hanger body in the first direction in the bowl with the split ring, and constraining movement of the hanger body in the second direction from the bowl with the split ring.

17. The method of claim 16, wherein disjoining the split ring in response to the engagement against the first shoulder comprises moving the split ring in the second

direction on the exterior surface in response to the engagement against the first shoulder.

18. The method of claim 17, wherein moving the split ring in the second direction on the exterior surface in response to the engagement against the first shoulder comprises:
engaging a traveling ring on the hanger against the first shoulder;
moving the traveling ring in the second direction with the engagement; and
moving the split ring in the second direction with the traveling ring.

19. The method of claim 18, wherein disjoining the split ring in response to the engagement against the first shoulder comprises breaking the jointing of the split ring, moved in the second direction on the exterior surface, with a portion of the hanger.

20. The method of claim 19, wherein breaking the jointing of the split ring, moved in the second direction on the exterior surface, with the portion of the hanger comprises breaking the jointing of the split ring by wedging the split ring against a second shoulder on the hanger, the second shoulder facing in the first direction.

21. The method of claim 19, wherein breaking the jointing of the split ring, moved on the exterior surface, with the portion of the hanger comprises breaking the jointing of the split ring by wedging the split ring against a protrusion on the hanger.