CLAIMS

1. A tool for a mineral extraction system, comprising:

an inner tubular member comprising a plurality of receptacles;

an outer tubular member disposed about the inner tubular member, wherein the outer tubular member comprises a plurality of recesses;

~~a frustoconical member disposed over the outer tubular member;~~ and

a plurality of jaws disposed in the plurality of receptacles in the inner tubular member and the plurality of recesses in the outer tubular member, wherein each jaw of the plurality of jaws is configured to slide along an angled surface of a respective recess of the plurality of recesses in response to a relative axial movement between the inner and outer tubular members to cause a radial movement of the respective jaw to engage a first component disposed in a second component of the mineral extraction system.

2. The tool of claim 1, wherein each jaw of the plurality of jaws comprises a plurality of teeth disposed on a radially inner surface of each of the jaws.

3. The tool of claim 1, wherein ~~the inner tubular member comprises a plurality of receptacles configured to receive the plurality of jaws~~ each jaw of the plurality of jaws has a mating angled surface that slides along the angled surface of the respective recess of the plurality of recesses.

4. The tool of claim 1, wherein ~~the outer tubular member comprises a plurality of recesses configured to retain the plurality of jaws~~ the plurality of jaws is friction fit into the plurality of receptacles.

5. The tool of claim 1, wherein each recess of the plurality of recesses comprises an angled upper surface and an angled lower surface, the angled surface comprises the angled lower surface, and ~~wherein~~ the angled lower

surface exerts a radially inward force on a respective ~~one~~ jaw of the plurality of jaws when the outer tubular member moves in an axial direction.

6. The tool of claim ~~5, wherein each of the plurality of jaws moves radially inward in response to axial movement of the angled lower surface~~ 1, comprising a frustoconical member disposed over the outer tubular member.

7. The tool of claim ~~1~~ 6, wherein the frustoconical member comprises a tubular protrusion extending from a first end of the frustoconical member.

8. The tool of claim ~~1~~ 6, comprising a hydraulic chamber formed at an intersection of the frustoconical member and the outer tubular member.

9. The tool of claim ~~8~~ 6, comprising one or more ~~hydraulic lines in fluid communication with the hydraulic chamber~~ holes in the frustoconical member, wherein the one or more holes are configured to release fluid pressure.

10. The tool of claim ~~8~~ 1, ~~wherein the~~ comprising a hydraulic chamber ~~is configured to expand to move the outer tubular member in an axial direction relative to the frustoconical member and in an axial direction~~ responsive to a fluid pressure to cause the relative axial movement between the inner and outer tubular members and to cause the radial movement of the plurality of jaws.

11. The tool of claim 1, wherein the outer tubular member comprises a first plurality of holes, and the inner tubular member comprises a second plurality of holes, wherein the first and second plurality of holes are configured to release fluid pressure ~~and the frustoconical member comprises a third plurality of holes~~.

12. The tool of claim 1, wherein the first component comprises a drill pipe.

13. A mineral extraction system, comprising:

a fishing tool configured to retrieve a drill pipe, wherein the fishing tool comprises:

an inner tubular member;

a plurality of jaws disposed in the inner tubular member; ~~and configured to engage the drill pipe~~

an outer sleeve disposed over the inner tubular member, wherein one or more angled surfaces of the outer sleeve engage one or more mating angled surfaces of the plurality of jaws to define angled paths of movement of the plurality of jaws, wherein the plurality of jaws are configured to move linearly along the angled paths of movement; and ~~and configured to exert a radial inward force on the plurality of jaws when the sleeve is hydraulically actuated in an axial direction~~

a hydraulic chamber responsive to a fluid pressure to cause a relative axial movement between the inner tubular member and the outer sleeve that drives the plurality of jaws to slide along the angled paths of movement and move in radial inward direction to engage the plurality of jaws with the drill pipe.

14. The mineral extraction system of claim 13, wherein the plurality of jaws is configured to slide along the angled paths of movement between locked and unlocked positions relative to the component ~~first component comprises a blowout preventer~~.

15. The mineral extraction system of claim ~~14~~ 13, comprising a frustoconical member disposed over a portion of the outer sleeve and configured to enable manipulation of the fishing tool.

16. A method, comprising:

inserting a fishing tool into a first component of a mineral extraction system;

positioning a plurality of jaws disposed in a first tubular member of the fishing tool around a second component disposed in the mineral extraction system;

hydraulically actuating a second tubular member of the fishing tool to move the plurality of jaws along one or more angled surfaces of the second tubular member to cause the plurality of jaws to move radially inward without pivoting; and

engaging the jaws with the second component such that the fishing tool is secured to the second component.

17. The method of claim 16, comprising removing the fishing tool and the second component from the mineral extraction system.

18. The method of claim 16, wherein hydraulically actuating the second tubular member comprises driving the plurality of jaws to move linearly along angled paths of movement defined by the one or more angled surfaces of the second tubular member to cause the plurality of jaws to move radially inward ~~positioning the plurality of jaws comprises rotating the fishing tool, translating the fishing tool, or a combination thereof~~.

~~19. The method of claim 16, wherein inserting the fishing tool comprising lowering the fishing tool from a rig into a blowout preventer of a mineral extraction system.~~

19~~20~~. The method of claim 16, wherein hydraulically actuating the second tubular member comprises moving the second tubular member in an axial direction.