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19. The method of claim 16, wherein the step of attaching a gate further comprises: engaging a retractable pin between said bit breaker and the gate end.

20. A method for disconnecting a drill bit from a drill string member on a drilling rig comprising the steps of: 5
placing a bit breaker having an open end and a pair of inwardly directed chocks onto a drill bit having three slots;
attaching a gate having an inwardly directed chock across the open end of the bit breaker; and 10
applying opposing torque between the bit breaker and the drill string member to disconnect the drill string member from the drill bit.

21. The method of claim 20, wherein the attaching step also engages said chock of said gate into one of said slots of said bit. 15

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22. The method of claim 20, wherein the step of attaching a gate further comprises: pivoting the gate about a hinged connection between one end of the gate and one end of the bit breaker.

23. The method of claim 20, wherein the step of attaching a gate further comprises: engaging a retractable pin between said bit breaker and the gate end.

24. A method of drill rig operation, comprising the step of using, during a makeup/breakup operation, a first bit breaker which has at least three chocks, including a torque-transmitting chock mounted on an openable gate, to connect and disconnect a bit to a drill string, said bit having slots complementary to said chocks.

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