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(54) Title: LASER ASSISTED SYSTEM FOR CONTROLLING DEEP WATER DRILLING EMERGENCY SITUATIONS

(57) Abstract: There is provided a high power laser riser blowout preventer system and controller for operation thereof. The system utilizes high power laser cutters that are associated with the riser and the blowout preventer to provided an integrated operation to quickly weaken or cut tubulars to address potential emergency and emergency situations that can arise during deep sea drilling.

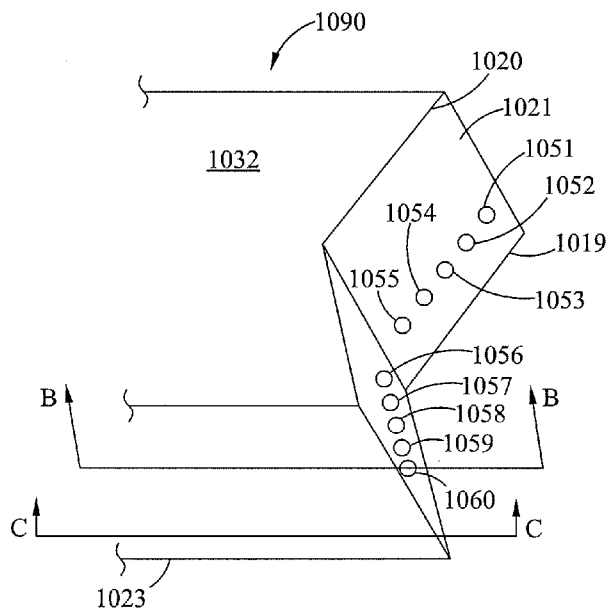


Fig. 10A