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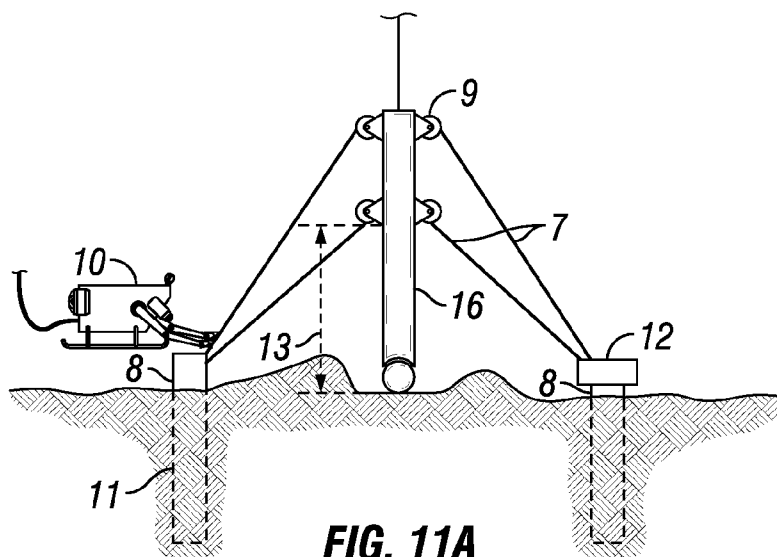
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(54) Title: SUBSEA EXCAVATION SYSTEMS AND METHODS



**FIG. 11A**

(57) Abstract: Novel subsea excavation apparatus and methods that exert force between a subsea anchor point and an excavator using a subsea actuator. In some examples the subsea actuator is attached to an anchor point on the seabed and the excavator directly. In other examples, a guide frame is anchored to the seabed to provide anchor points fixed relative to the seabed and the subsea actuators are attached to the guide frame and the excavator. In further examples, the subsea actuators can be attached to the excavator through a carrier frame or other excavator guides rather than directly to the excavator.