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(72) Inventor; and

(71) Applicant: VO, Thanh Minh [VN/VN]; 19B, Lane 2, Le Van Huu Str, Hai Ba Trun Dist, Hanoi City (VN).

(74) Agent: DUONG, Thi Thanh Tu; Pademark Intellectual Property Co., Ltd, No.355, Group 17A, Dinh Cong Ward, Hoang Mai Dist, Hanoi City (VN).

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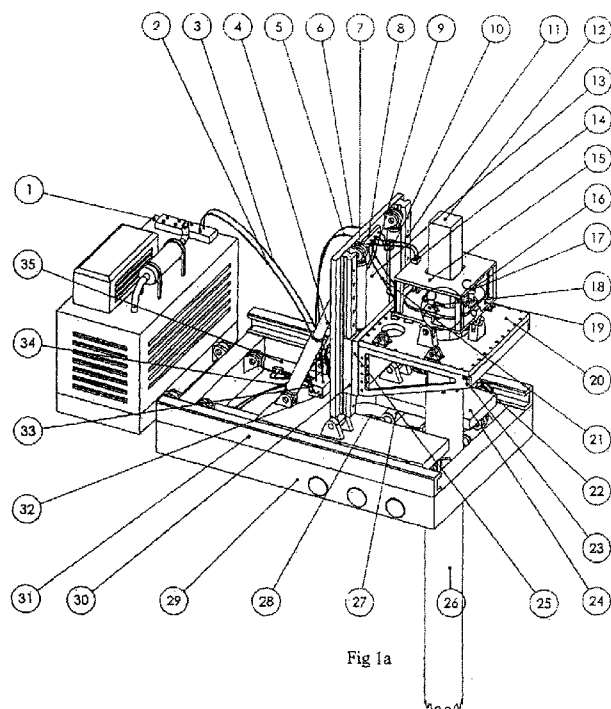
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(54) Title: PILING APPARATUS AND PROCESS FOR INSTALLATION OF PILE ASSEMBLY



(57) Abstract: The invention relates to a piling apparatus for pile assembly comprises at least one walled pipe (26), a clamping frame (29) having a clamping mechanism to link to a walled pipe (26) which has been inserted into the earth, a pressing stand (24) linked to the clamping frame (29), pressing cylinders (35) having one end linked to the base of pressing stand (24), another end linked to a holding clamp (18). The holding clamp (18) is used to clamp over the material, so as to force at least one material to travel throughout the interior of the walled pipe (26) by using the friction between the walled pipe (26) which has been inserted into the ground with the ground served as a counterpoise components of the apparatus are constructed to press a pressing force against material, formed by pressing cylinders (35) applied to material by means of the holding clamp (18), and a reactive force transferred via the pressing stand (24), the clamping mechanism, the clamping frame (29) to the walled pipe (26) and balanced by the friction between the walled pipe (26) and the ground. The invention further relates to an installation process for pile assembly.