

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011048866 A

(19) INDIA

(22) Date of filing of Application :09/11/2020

(43) Publication Date : 21/05/2021

(54) Title of the invention : BAG FILLING AND SUPPORTING DEVICE

(51) International classification	:B65B0067120000, B65B0043300000, B65F0001140000, B65B0067040000, E01C0009080000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)KANWAR, Varinder Singh
(33) Name of priority country	:NA	2)SHARMA, Ajay
(86) International Application No	:NA	3)SRIVASTAV, Arun Lal
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for filling and supporting a bag is disclosed. The disclosed apparatus comprises an outer frame coupled to an inner frame. The inner frame includes a flat planar base to hold a bag from underneath. A supporting means is provided in the inner frame and coupled to the outer frame to provide support for holding the bag from the mouth of the bag. A soil puller is coupled to the outer frame and the inner frame which enables digging a material and filling the bag with the dug material. A plurality of locking means are provided in the inner frame to hold the bag from the sides of the bag. An arc shaped rod is provided on the inner frame to open and close a mouth of the bag. A movable roller is provided to unmount the bag from the apparatus and a plurality of tires are provided at the bottom of the outer frame to move the apparatus.

No. of Pages : 14 No. of Claims : 10