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(71) Applicant: **TECHNIGRO AUSTRALIA PTY LTD**
[AU/AU]; 1/3 Eden Court, Nerang, QLD 4211 (AU).

(72) Inventor: **KAST, George**; 54 Elevation Drive, Wongawallan, QLD 4210 (AU).

(74) Agent: **ROBIN, Thomas Kelly**; 39 Taree Street, Burleigh, Heads Qld 4220 (AU).

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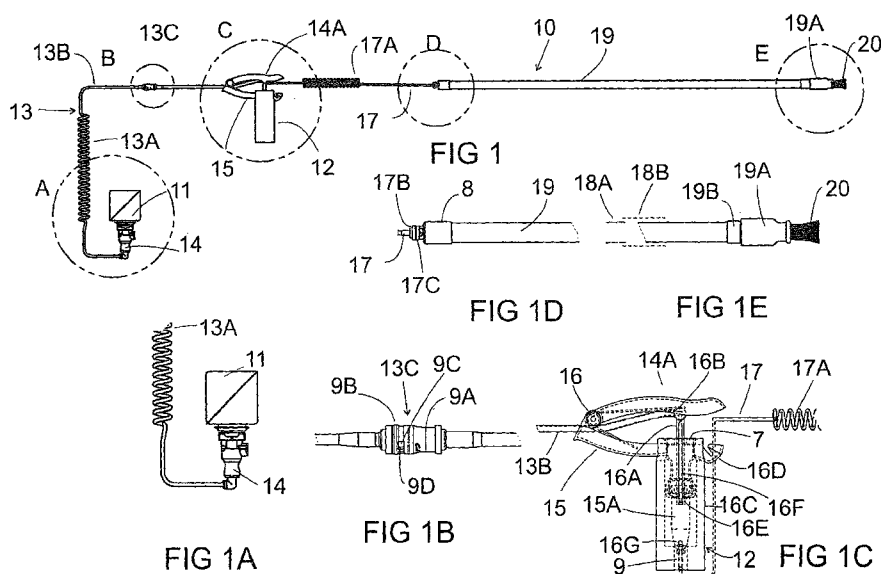
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(54) Title: A LIQUID APPLICATOR DEVICE



(57) Abstract: A liquid applicator (10, 10A, 10B, 10C, 10D, 10E, 10F) having (i) a container in the form of a collapsible bladder (11, 11A, 11B, 11C) for containing a supply of liquid in use; (ii) a positive displacement pump (12, 12A) in flow communication with the container (11, 11A, 11B, 11C) which has a variable capacity chamber for delivering a metered or measured quantity of liquid; and (iii) a contact device (20, 46A, 46A, 60) in flow communication with the positive displacement pump (12, 12A) wherein the metered or measured dosage of liquid is delivered to a plant or other substrate.