

[54] **METHOD OF AND DEVICE FOR LOOSENING AGRICULTURALLY USED SOIL**

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Related U.S. Application Data

[63] Continuation of Ser. No. 179,164, Aug. 18, 1980, abandoned, which is a continuation of Ser. No. 944,370, Sep. 28, 1978, abandoned.

[51] Int. Cl.³ **A01C 23/02**

[52] U.S. Cl. **111/6; 47/58; 111/7.1**

[58] Field of Search **47/58; 111/7.1-7.4**

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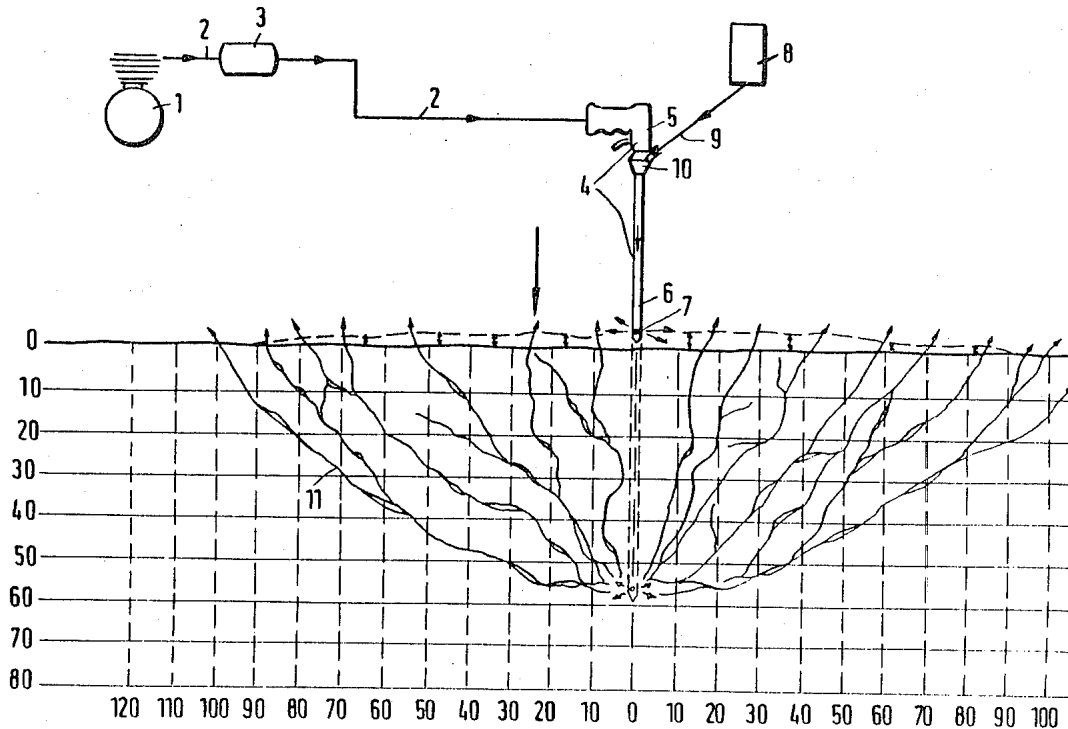
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[57] **ABSTRACT**

A method of and device for loosening agriculturally used soil, especially for loosening in depth compacted agriculturally used soil, according to which a current of compressed air is introduced into the soil to be loosened and is released in or below a minimum depth of loosening thereby breaking-up the soil by the freed and following compressed air. The device for practicing the above outlined method includes primarily a probe adapted into the soil to be loosened. This probe has associated therewith a compressed air conveying conduit. The probe is within the region of its end provided with at least one air outlet.

5 Claims, 8 Drawing Figures



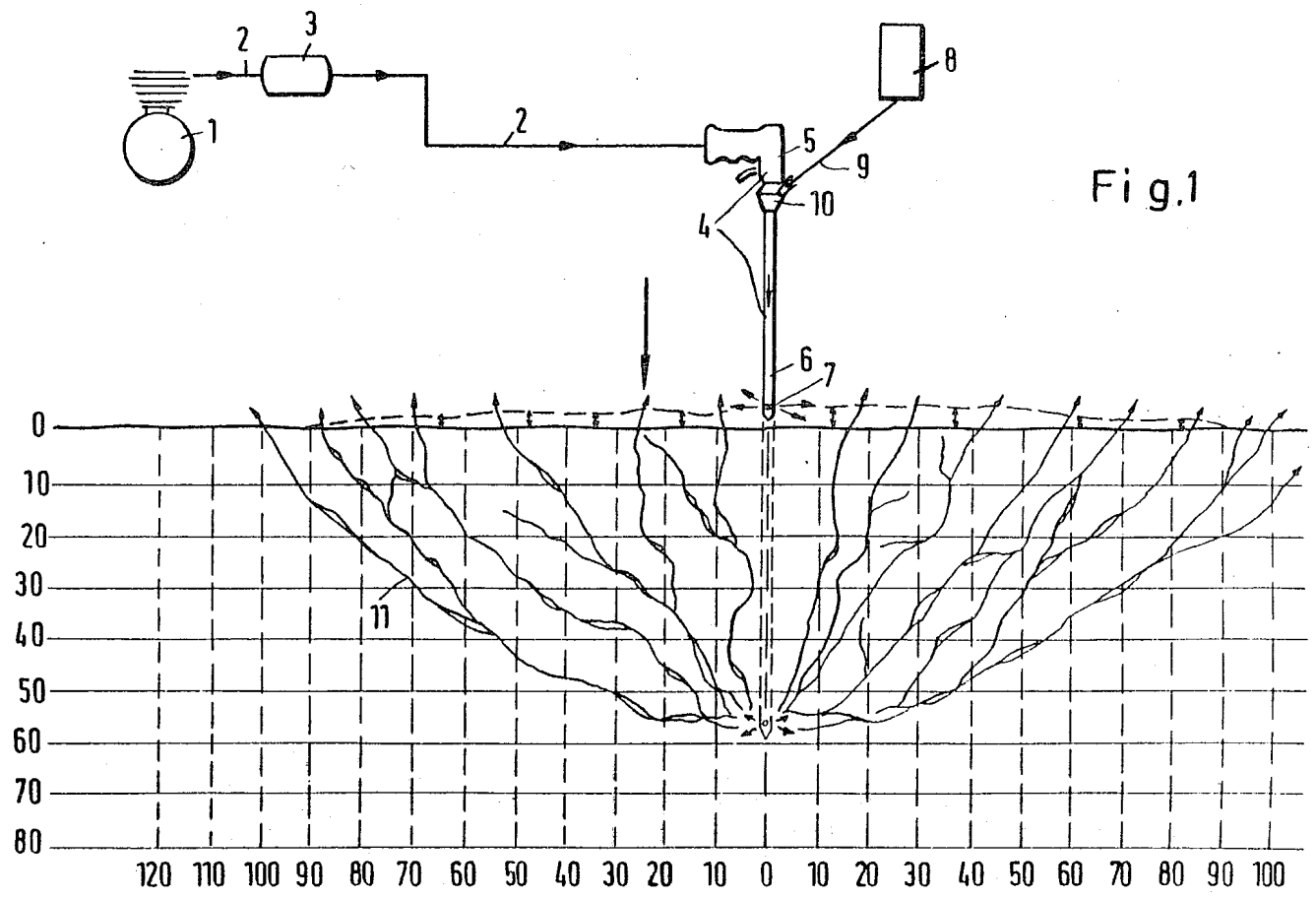
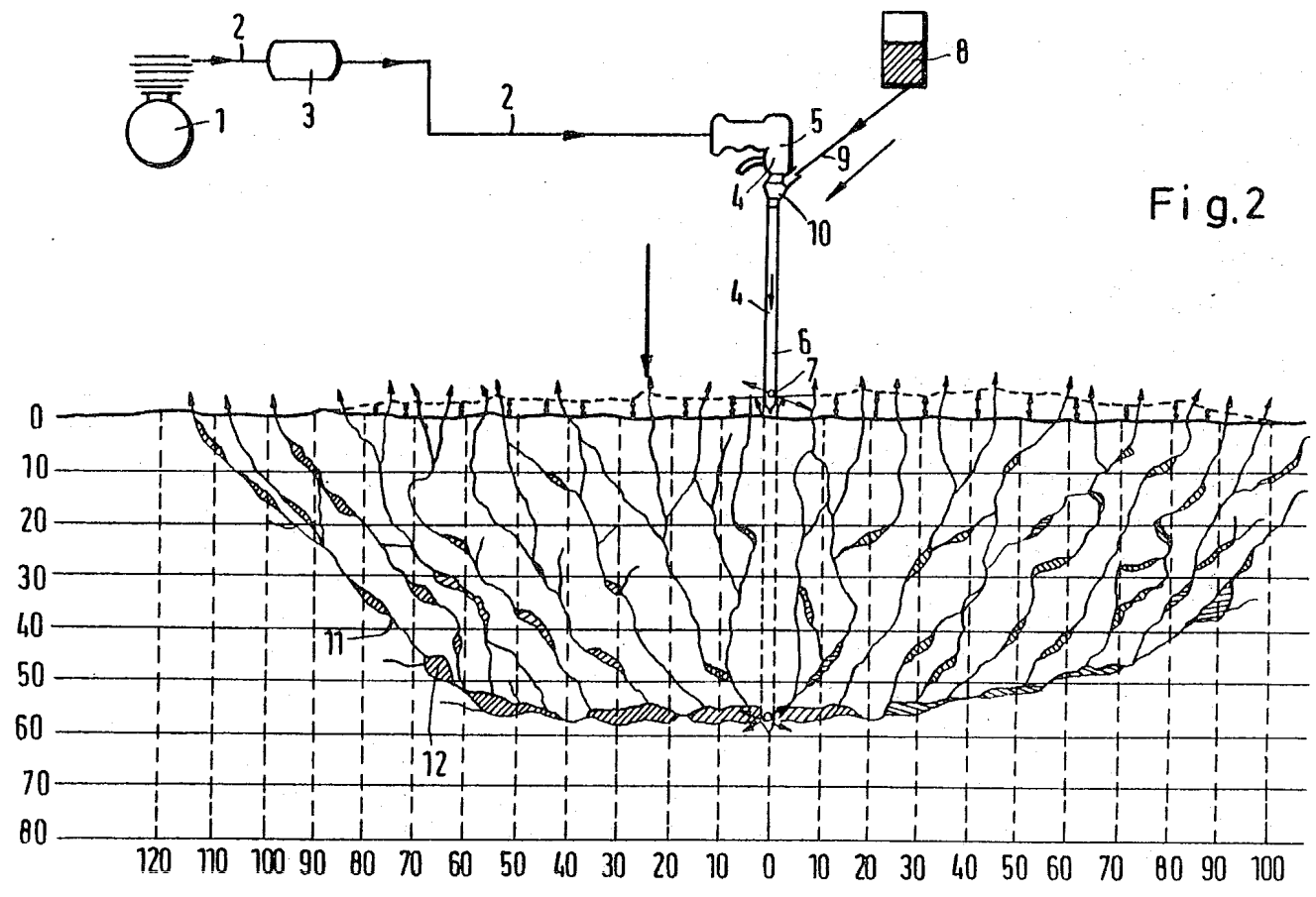
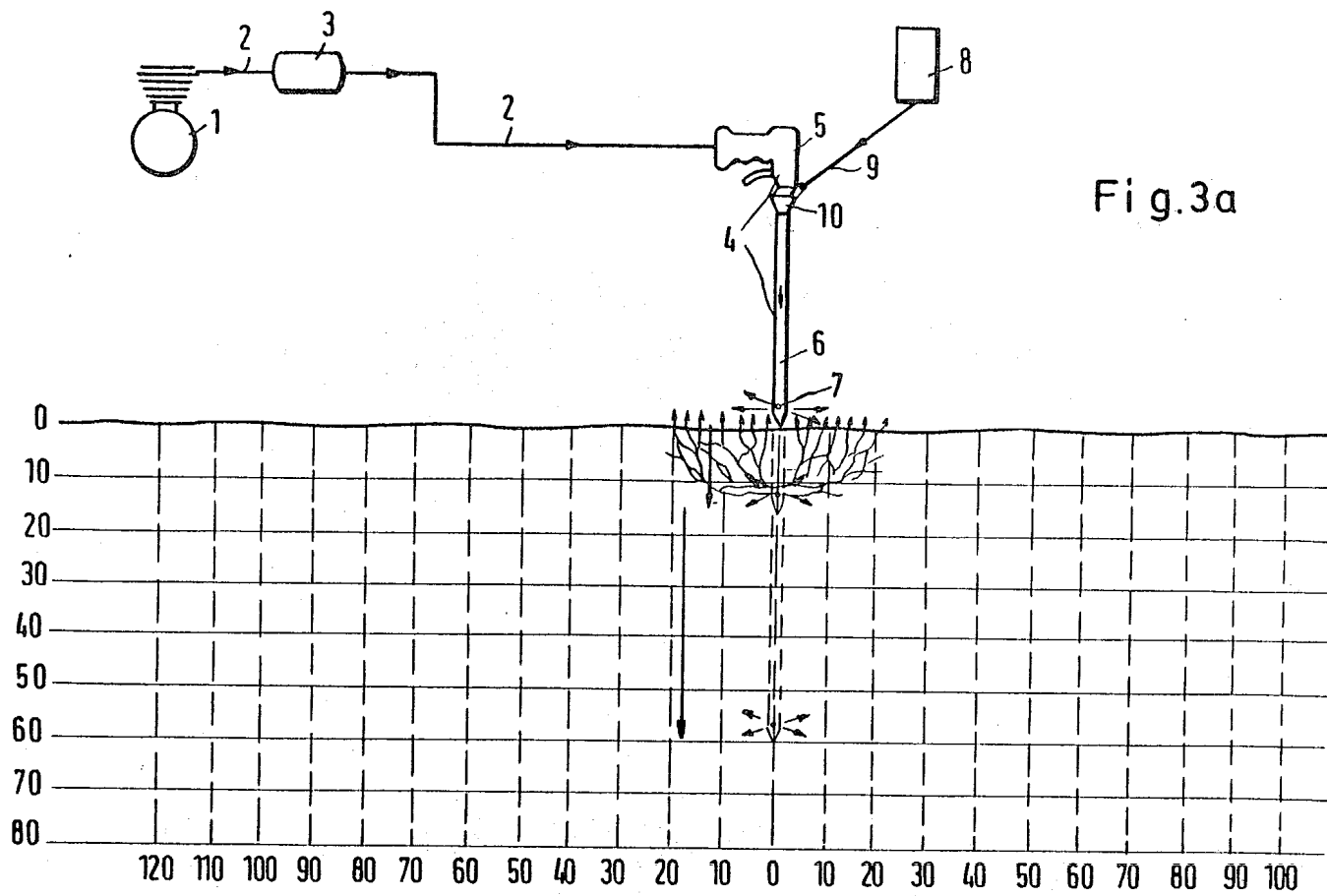


Fig. 1





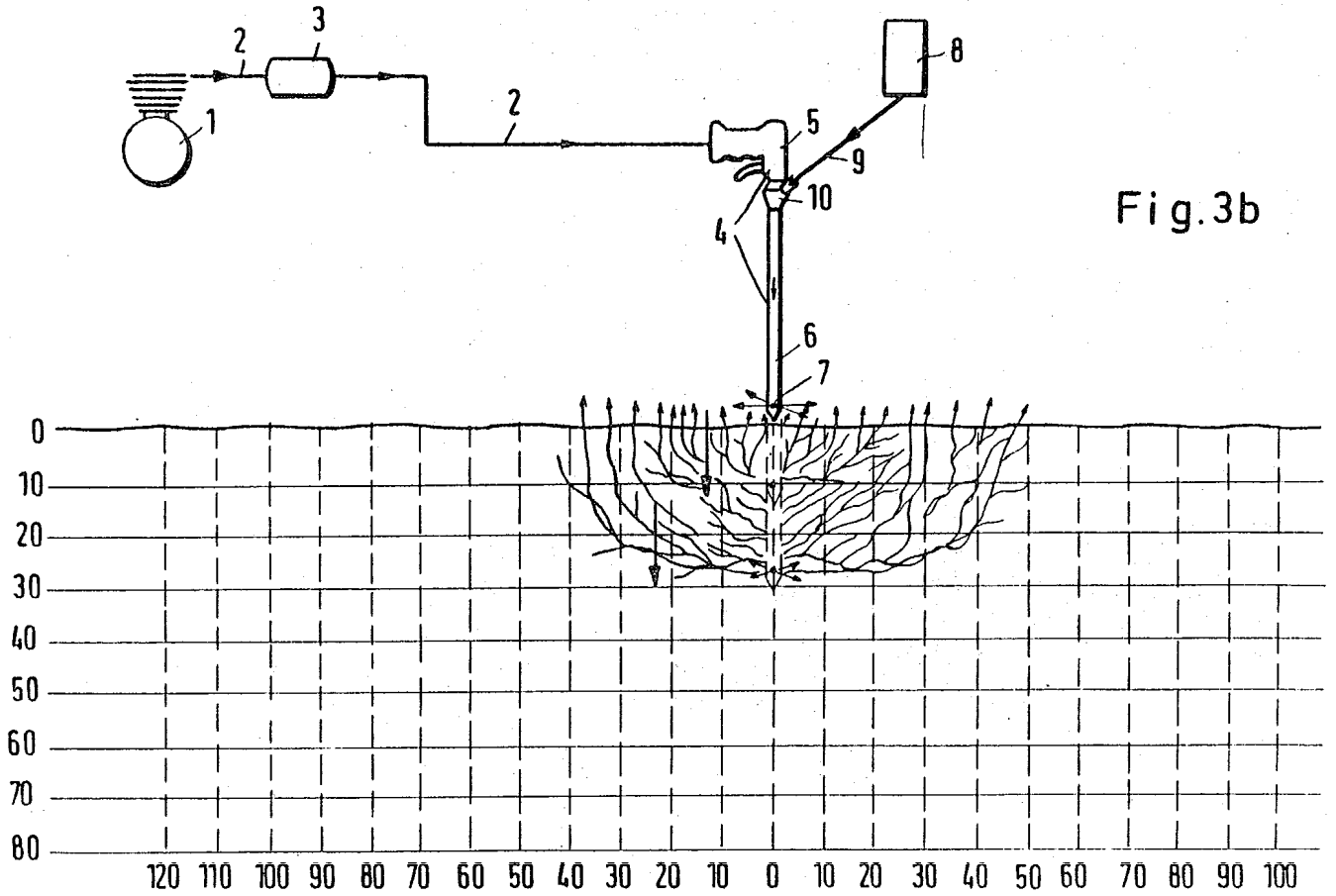


Fig. 3b

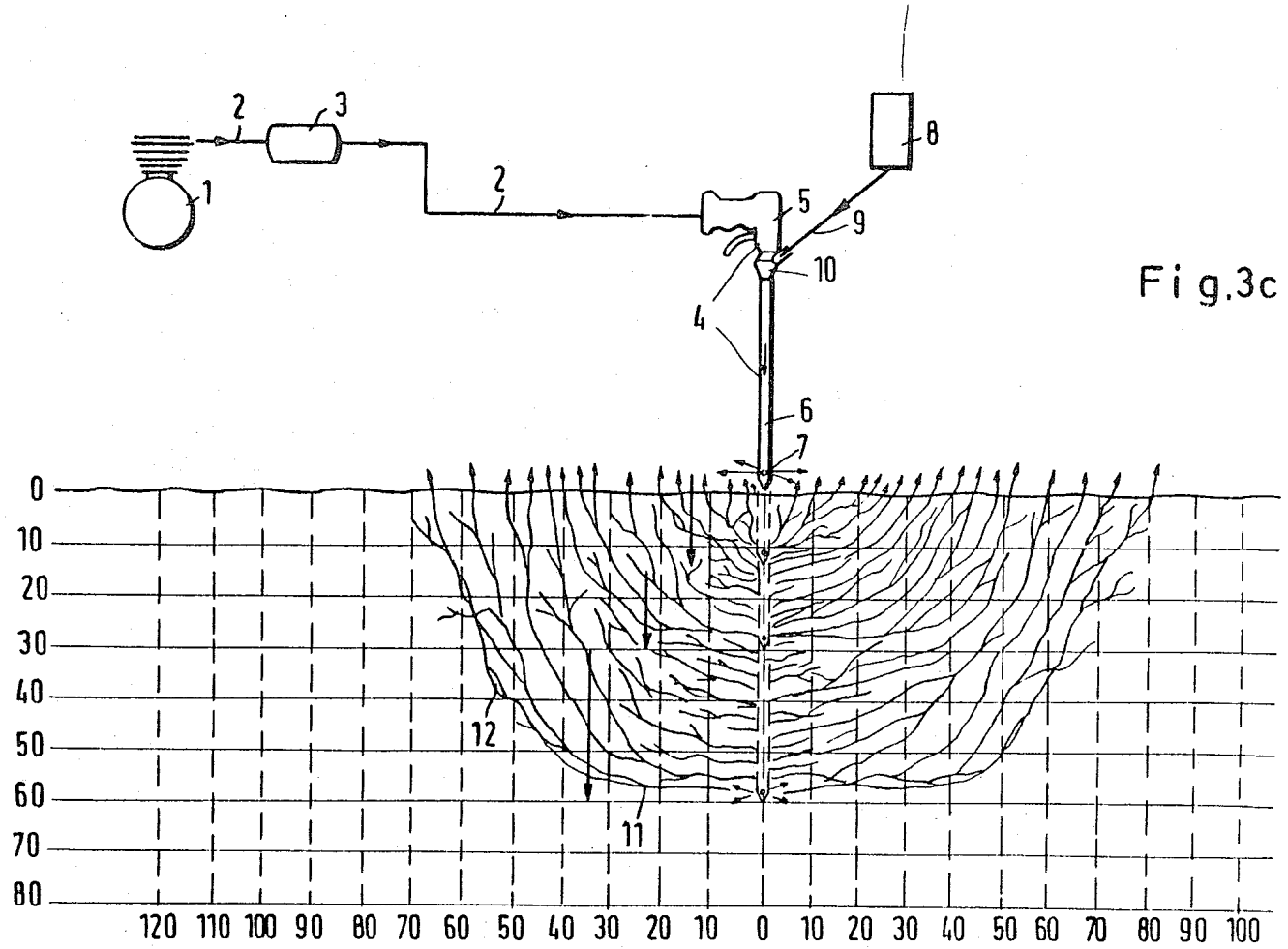


Fig. 3c

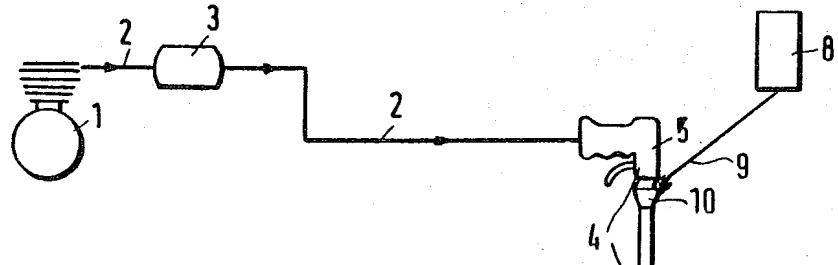


Fig. 4

