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(12) **United States Design Patent**
Carr

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(54) **ELECTRONIC SENSOR DEVICE**

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(**) Term: **15 Years**

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(51) **LOC (11) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/78**

(58) **Field of Classification Search**
USPC D10/78, 80
CPC G01V 3/30; G01R 27/02; G01R 27/267; G01R 27/2664; G01N 27/72; G01N 1/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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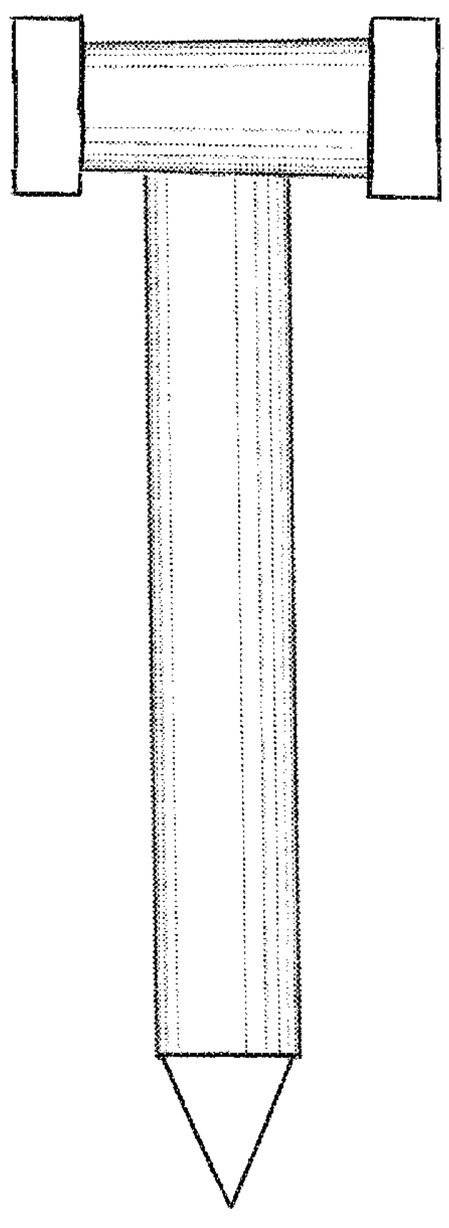
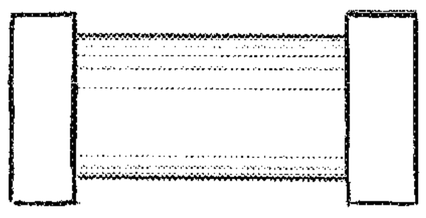
* cited by examiner

Primary Examiner — Antoine Duval Davis

(57) **CLAIM**

The ornamental design for electronic sensor device, as shown and described.





DESCRIPTION

FIG. **1**A is the frontal elevational view thereof showing both the first and second ends

FIG. **1**B is a top view thereof showing the second end; and,

FIG. **2** is a side elevational view thereof showing both the first and second ends.

The broken line showing of structural features is included for the purpose of illustrating non-claimed subject matter and forms no part of the claimed design.

The sensor device is comprised of a hollow tube having an electromagnetic coupler at a second end. The other end of the sensor, we refer to as the first end, is fitted with a pointed tip to facilitate partial insertion into a material of interest such as agricultural product, processed food, and bulk chemical material. In some applications the electronic sensor provides a means to sense an electromagnetic property including dielectric permittivity of media including grains, forage, peanuts, and soils. The figures depict the ornamental design based on a material such as a PVC plastic pipe cylinder having an attached pointed tip. The pointed tip enables insertion of the electronic sensor into the material of interest.

The intended use of the article, wherein the ornamental design of the present invention is embodied, is to provide a sensor for monitoring the electromagnetic properties of a media.

1 Claim, 2 Drawing Sheets

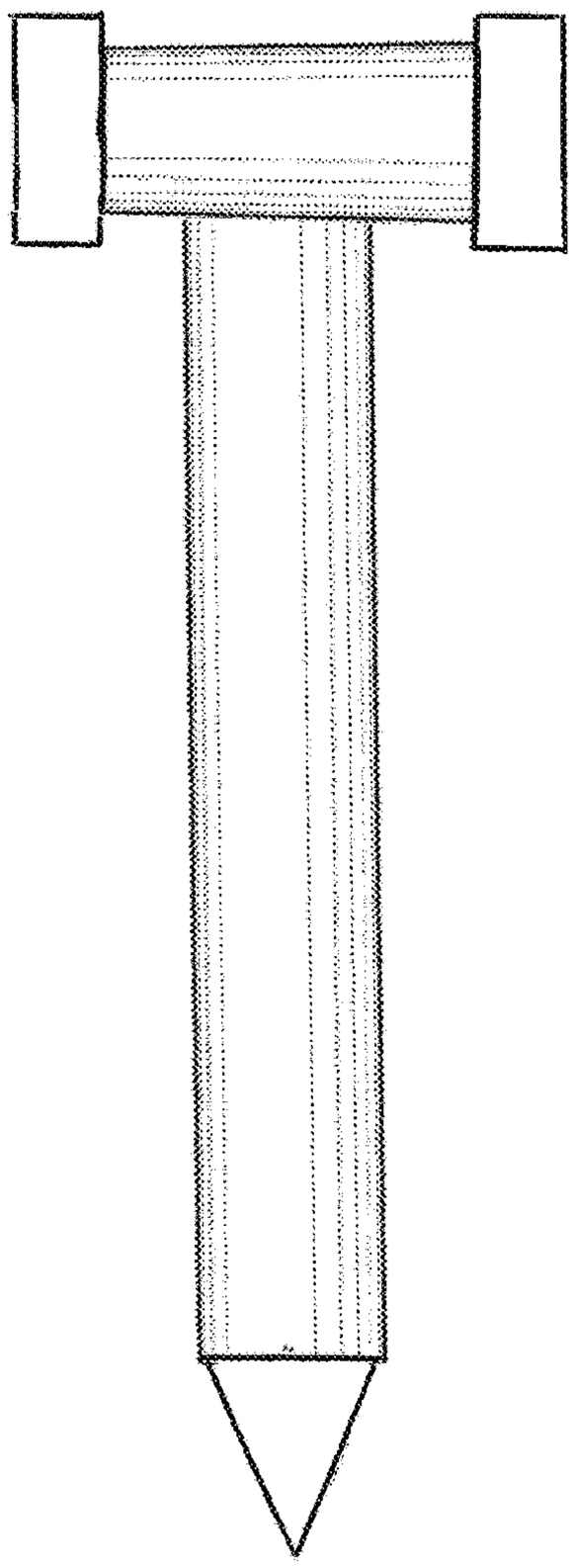


FIG. 1A

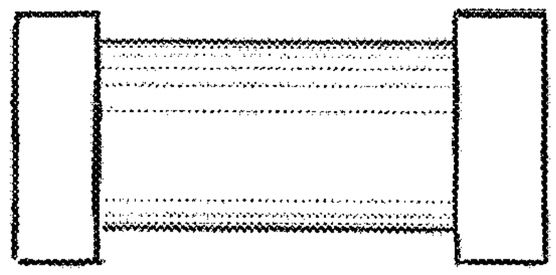


FIG. 1B

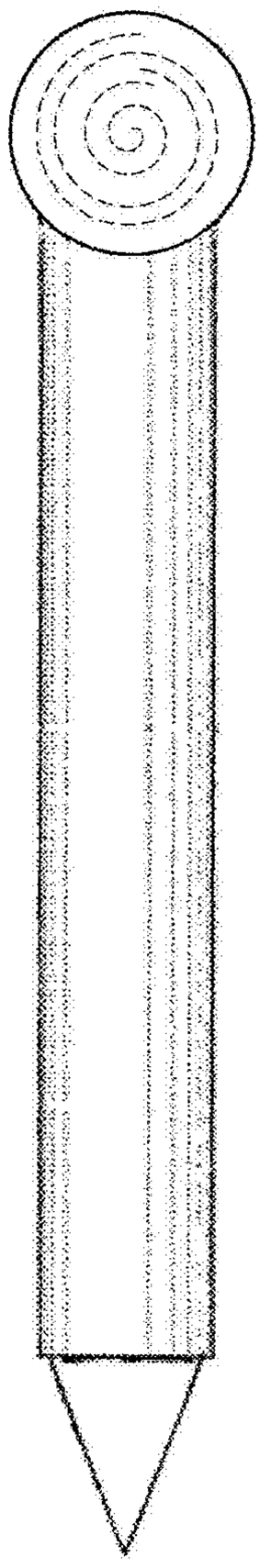


FIG. 2