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(12) **United States Design Patent**  
**Zhou et al.**

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(54) **HANDHELD RAMAN SPECTROMETER**

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

(52) **U.S. Cl.**  
USPC ..... **D10/81; D10/78**

(58) **Field of Classification Search**

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CPC ..... G01J 1/44; G01J 3/02; G01J 3/0229;  
G01J 3/0232; G01J 3/0256; G01J 3/0264;  
G01J 3/0286; G01J 3/0297; G01J 3/1895;  
G01J 3/4338; G01J 3/44; G01J 3/0272;  
G01J 3/0208; G01J 3/0291; G01J 3/443;  
G01J 3/463; G01J 3/502

See application file for complete search history.

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*Primary Examiner* — Antoine D Davis

(57) **CLAIM**

The ornamental design for a handheld Raman spectrometer, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a handheld Raman spectrometer in accordance with the present design;

FIG. 2 is a front view for the handheld Raman spectrometer shown in FIG. 1;

FIG. 3 is a rear view for the handheld Raman spectrometer shown in FIG. 1;

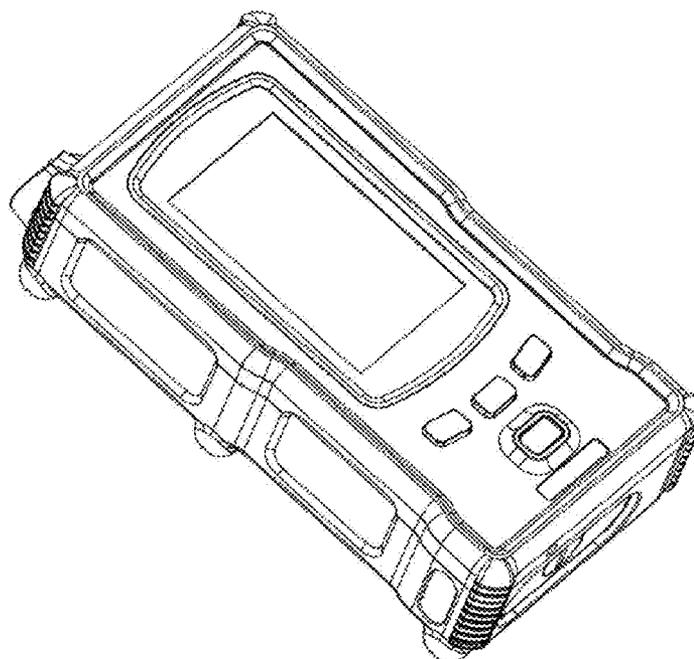
FIG. 4 is a left side view for the handheld Raman spectrometer shown in FIG. 1;

FIG. 5 is a right side view for the handheld Raman spectrometer shown in FIG. 1;

FIG. 6 is a bottom view for the handheld Raman spectrometer shown in FIG. 1; and,

FIG. 7 is a top view for the handheld Raman spectrometer shown in FIG. 1.

**1 Claim, 2 Drawing Sheets**



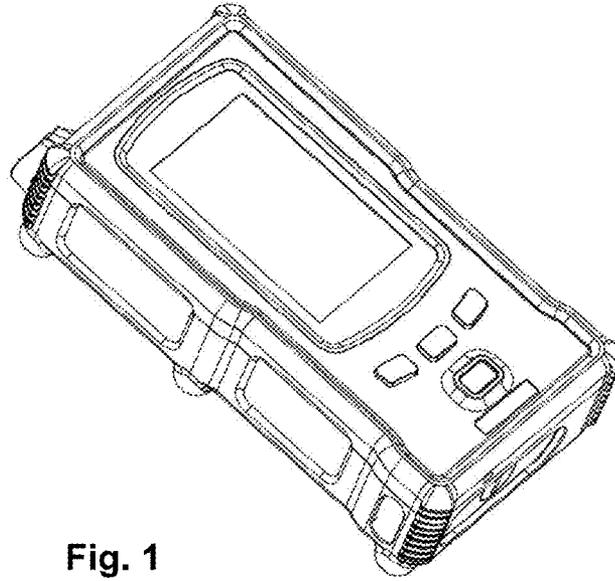


Fig. 1

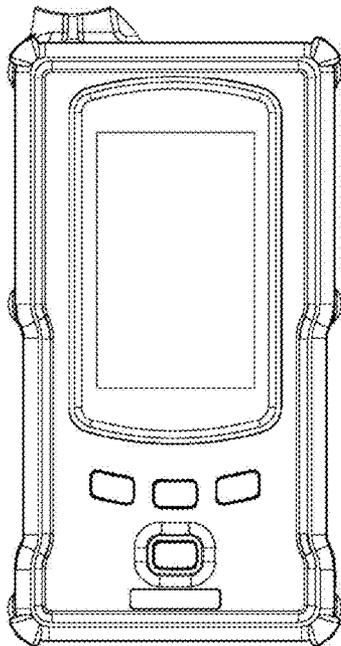


Fig. 2

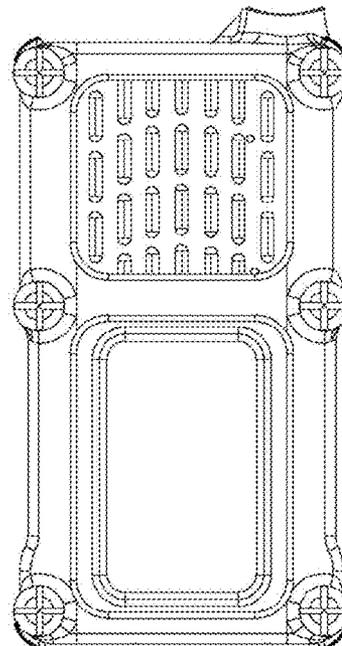


Fig. 3

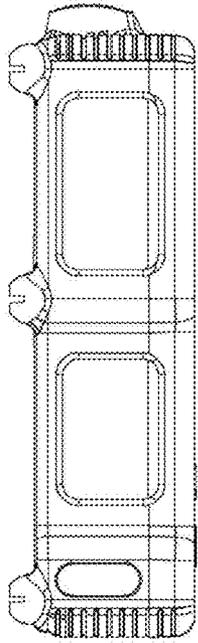


Fig. 4

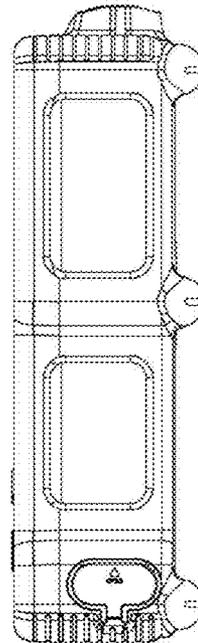


Fig. 5

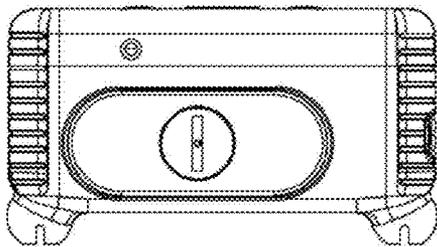


Fig. 6

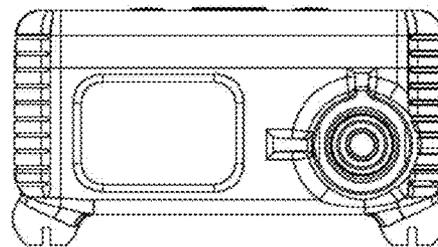


Fig. 7