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United States Patent [19]

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Ahearn et al.

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[54] **HAND-HELD OPTICAL SCANNER**
[75] Inventors: **Kevin J. Ahearn; Stephen Charles Allen**, both of Matthews, N.C.; **James M. DeArras**, Richmond, Va.

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[73] Assignee: **Hand Held Products, Inc.**, Charlotte, N.C.

[**] Term: **14 Years**

[21] Appl. No.: **60,856**

[22] Filed: **Oct. 9, 1996**

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Symbol LS 8120II/8125II Solid State Laser Scanner with Integrated RS 232C interface, Publication No. 877 VA, ©1987 Symbol Technologies, Inc.
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Primary Examiner—Freda Nunn
Attorney, Agent, or Firm—Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 40,170, Jun. 12, 1995, abandoned.

[51] **LOC (6) CL** **14-02**

[52] **U.S. CL** **D14/116**

[58] **Field of Search** D14/100, 105, D14/106, 114, 116; 25/556, 563; 235/375, 377, 472, 470, 380, 382, 382.5, 463, 476, 482; 379/96

CLAIM

[57] The ornamental design for a hand-held optical scanner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hand-held optical scanner showing our new design;

FIG. 2 is a front elevational view;

FIG. 3 is a left side view, the right side being a mirror image thereof;

FIG. 4 is a rear view;

FIG. 5 is a top plan view;

FIG. 6 is a bottom plan view;

FIG. 7 is a front elevational view of a second embodiment of our hand-held optical scanner;

FIG. 8 is a left side view of FIG. 7, the right side being a mirror image thereof;

FIG. 9 is a top plan view of FIG. 7;

FIG. 10 is a perspective view of a third embodiment of our hand-held optical scanner; and

FIG. 11 is a rear elevational view of FIG. 10.

The broken lines shown herein are for illustrative purposes only and form no part of the claimed design.

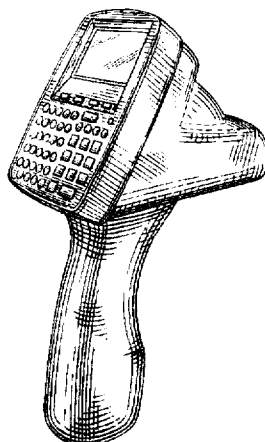
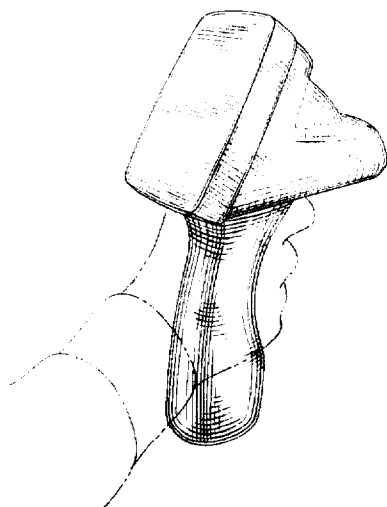
The left and right elevational views, the front elevational view and the bottom plan view of the third embodiment are substantially like the embodiment illustrated in FIG. 1.

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1 Claim, 5 Drawing Sheets



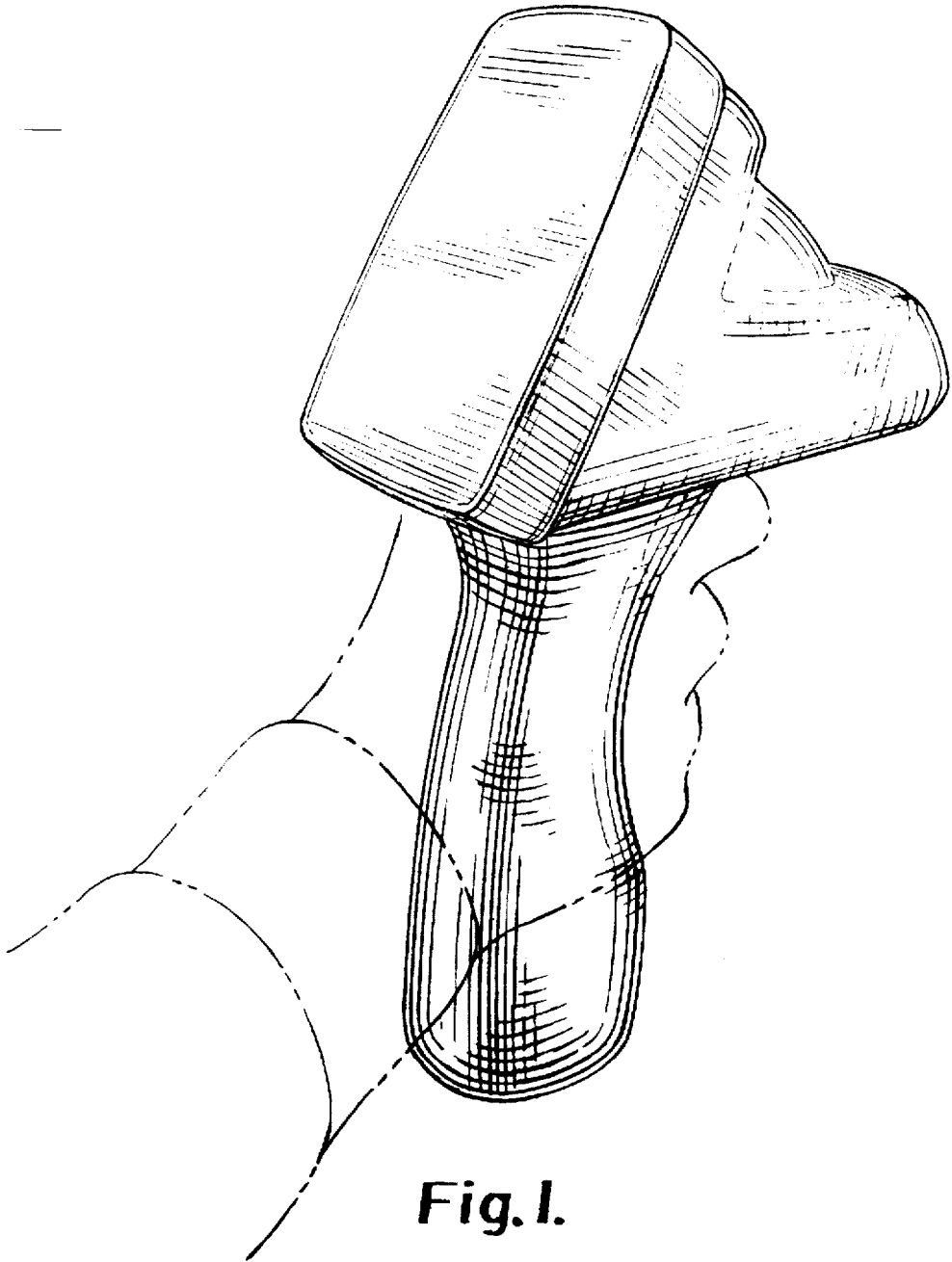


Fig. 1.

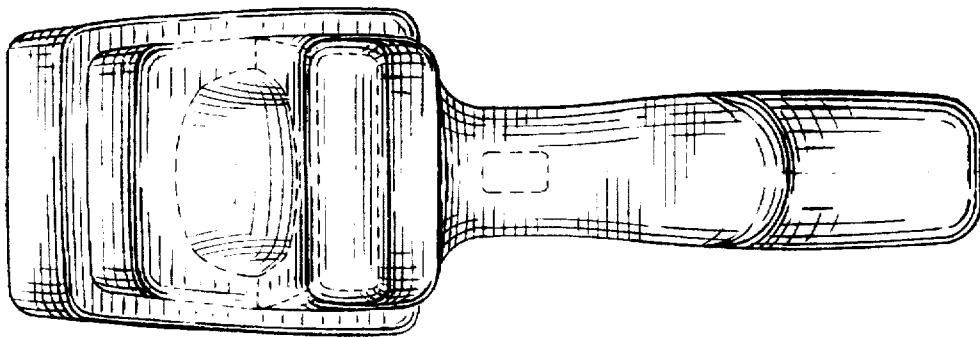


Fig. 2.

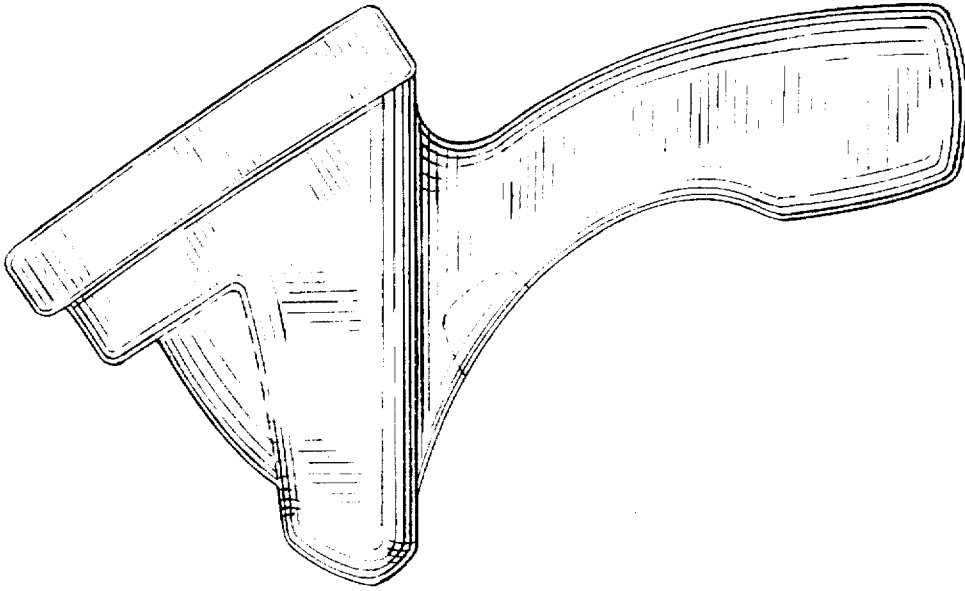


Fig. 3.

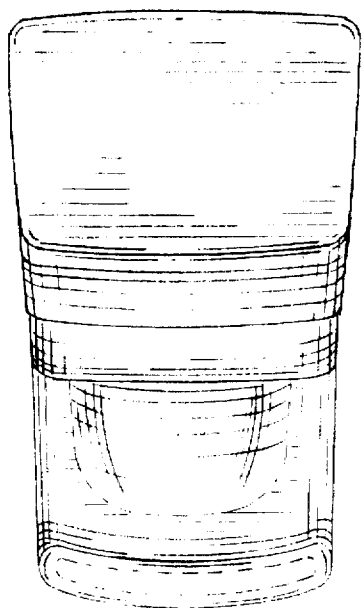


Fig. 5.

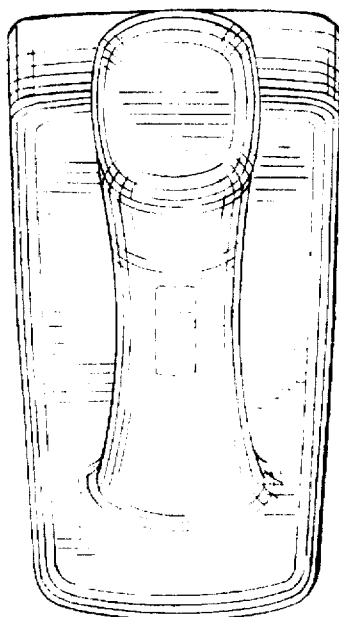


Fig. 6.

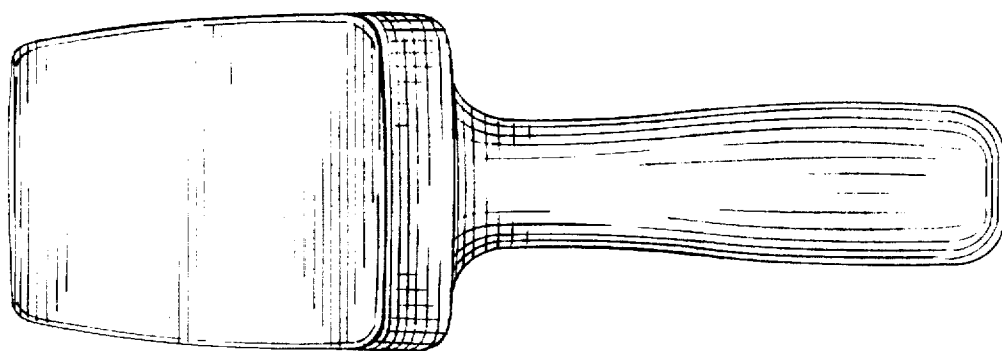


Fig. 4.

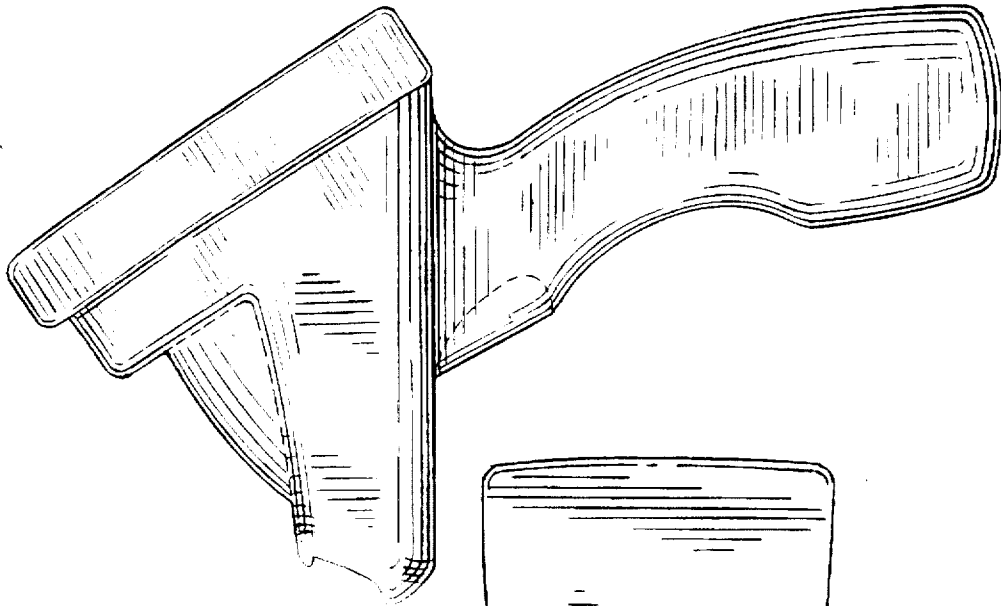


Fig. 8.

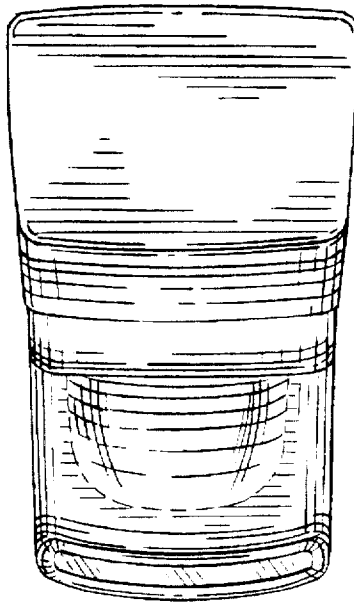


Fig. 9.

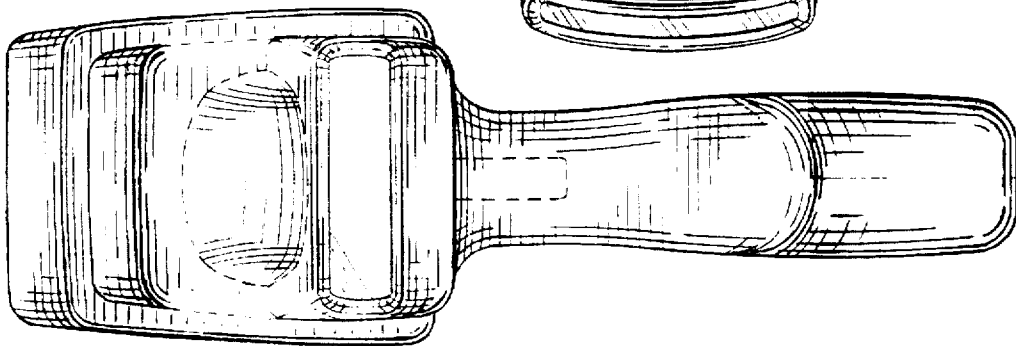


Fig. 7.

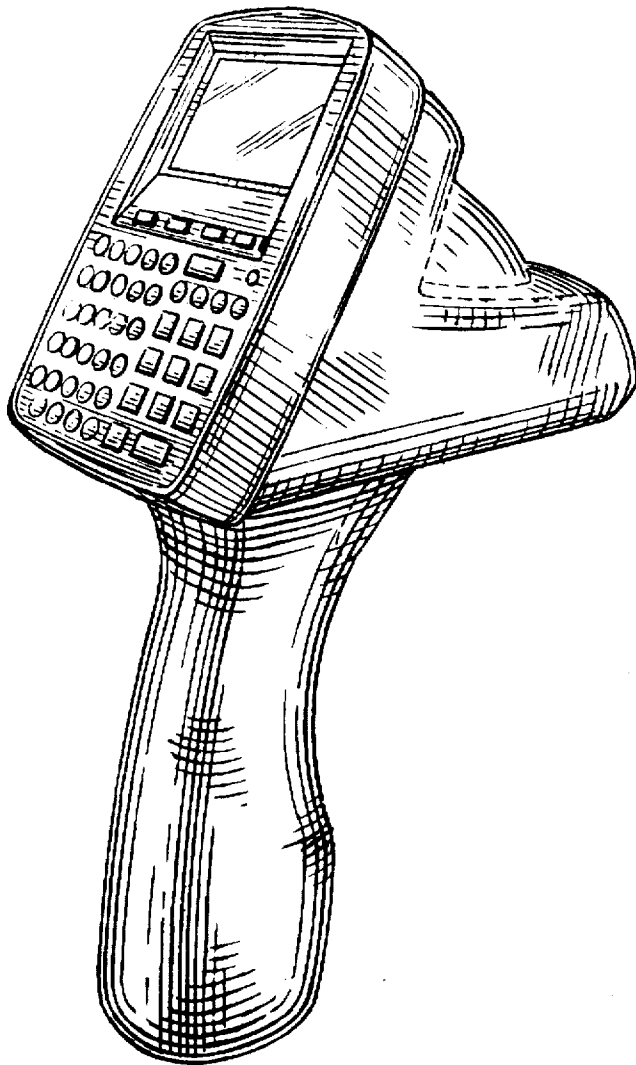


Fig. 10.

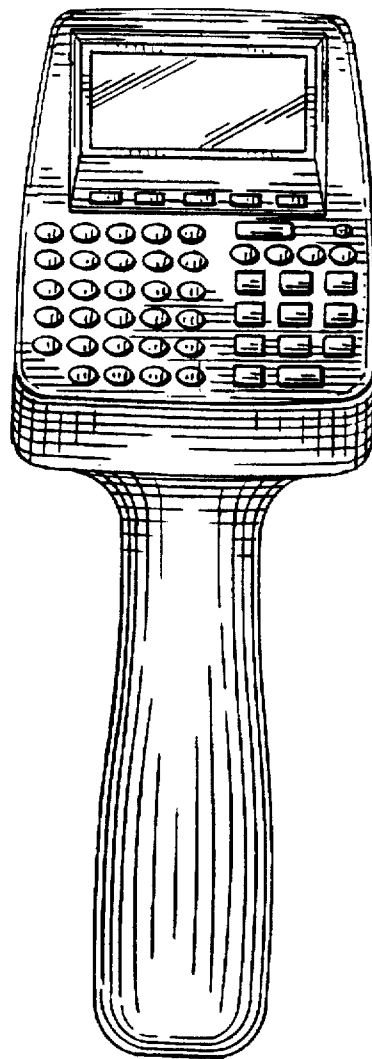


Fig. 11.