



US00D459246S

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

(10) **Patent No.: US D459,246 S**
(45) **Date of Patent: ** Jun. 25, 2002**

(54) **HAND-HELD METAL DETECTOR**

(75) Inventors: **John Michael Power; Gerald Lee Johnson**, both of Garland, TX (US)

(73) Assignee: **Garrett Electronics, Inc.**, Garland, TX (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/150,625**

(22) Filed: **Nov. 26, 2001**

(51) **LOC (7) Cl. 10-04**

(52) **U.S. Cl. D10/47**

(58) **Field of Search D10/47; 324/328, 324/233, 329; 340/368**

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,423,377 A 12/1983 Podhrasky 324/329
D374,829 S * 10/1996 Yue D10/47

OTHER PUBLICATIONS

“METALFRISK Model 6040–AB and Model 6041”, by Federal Labs Systems L.P. as disclosed in Marketplace Section 628, p. 48A, Jun., 1992 (1p.).

(a) “Model Pros–I (Prospector I)”, (b) “Mode MD–89N (Prospector II)”, (c) “Model Pros–III (Prospector III Metal Detector)”, and (d) “Model MD–328 Security Wand”, as disclosed in Transtronics, Inc., “Metal Detectors” online brochure pages dated Feb. 4, 2002, copyright 1994–2001, (3 pp.)

“Vallon Model MH 1604B”, as disclosed in Airports international, “German Technology” Section, May 1990 (1 p.).

“Security Plus Personal Metal Detector”, Cat #D615, as disclosed on www.to-be-safe.com/metal_detectors.htm, online brochure pages downloaded Apr. 19, 2001, copyright 1998 to-be-safe.com, (1 p.).

(a) “Little Wizard Security Detector”, (b) “Lumber Wizard”, (c) “Wood Scan Wizard”, (d) “Wall Wizard Stud Finder”, (e) “Sprinkler Head Detector”, (f) “Experiment Wizard”, (g) “Wizard Vib–Probe Pinpointers”, (h) “Wizard Walk N Seek”, (i) “Security Wizard”, (j) “Wizard Mail and Package Scan”, and (k) “Wizard SHOTfinder”, as disclosed on <http://wizarddetectors.com/flyers.cfm>, Wizard Industries online brochure pages downloaded Feb. 4, 2002, Jul., 1998, copyright 1998–2001 (3 pp.).

“Xtreme M–7 Handheld Metal Detector”, Model #M7MD, Bryan Global Services online brochure pages downloaded from www.bryanglobalservices.com/handheld.html on Feb. 4, 2002, copyright 1998–2002 (2 pp.).

“MI55 Search Baton”, Law Enforcement Equipment Company online brochure pages downloaded on Feb. 4, 2002 from <http://www.leeco.com/page201.htm>, copyright 2001 (2 pp.).

“GARRETT SUPER SCANNER™”, Model #1165170, Garrett Metal Detectors, brochure pages, copyright 2001, (2 pp.).

(List continued on next page.)

Primary Examiner—Antoine Duval Davis

(74) *Attorney, Agent, or Firm*—Sidley Austin Brown & Wood LLP

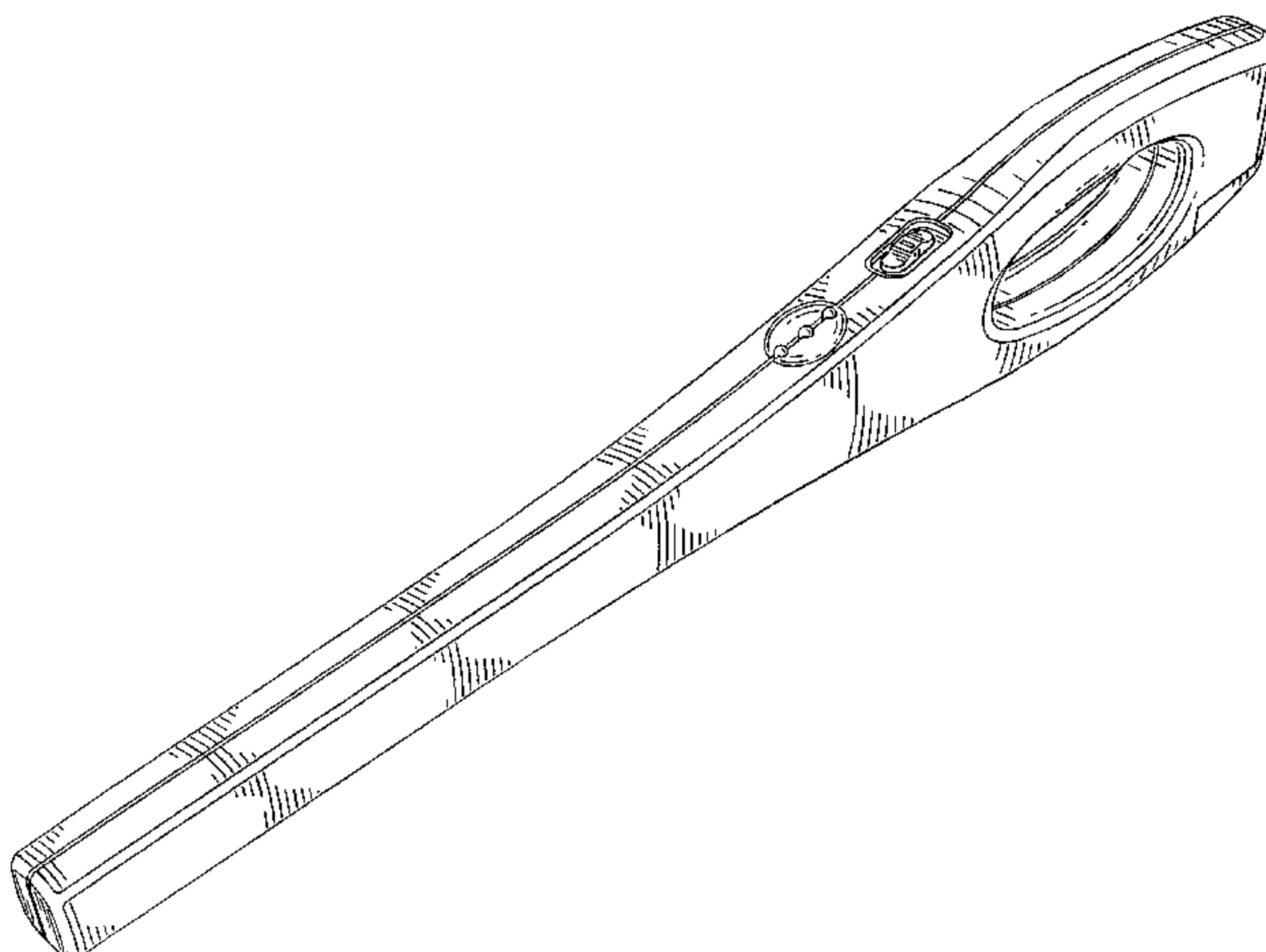
(57) **CLAIM**

The ornamental design for a hand-held metal detector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hand-held metal detector; FIG. 2 is a side view thereof; FIG. 3 is a top view thereof; FIG. 4 is a side view thereof; FIG. 5 is a bottom view thereof; FIG. 6 is a front view thereof; and, FIG. 7 is a rear view thereof.

1 Claim, 2 Drawing Sheets



OTHER PUBLICATIONS

“METALTEC 1400”, as disclosed in Spy Exchange And Security Center online brochure pages downloaded Feb. 4, 2002 www.pimall.com/nais/e.metal.html, copyright 2001, TIPI (2 pp.).

“White’s Auto Scan”, by Whites Products, as disclosed in Henderson Metal Detector online Sales brochure page downloaded Feb. 4, 2002 from www.buyametaldetector.com/whites/auto-scan.html, copyright 2001 (1 p.).

“Automax Electronic Precision Pinpointer”, as disclosed in online brochure downloaded Jan. 31, 2002 from Kellyco Metal Detector Super Store website, www.kellycodetectors.com/compass/compas.htm, copyright 1998–2002 (3 pp.).

(a) “Hand Held Metal Detector” Item #801, (unknown source), (b) “The Pinpoint Metal Detector” Item #40, unknown source, online catalog downloaded Feb. 4, 2002, from www.sitebuys.com/hhmetal.html, (2 pp.).

“HANDWAND™—Models 20 & 21 Handheld Metal Detector”, *Control Screening*, brochure pages, copyright 2001–2003 (2 pp.).

“Security Max Personal Metal Detector”, Item #D615, Security Max online brochure downloaded Jun. 20, 2001 from <http://www.buysecurity.com/other.htm>, (1 p.).

(a) “Inspector G–100”, and (b) Investigator G–500, GARRETT METAL DETECTORS, “Security Metal Detectors”, online brochure page downloaded Feb. 4, 2002 from www.securitydetectors.com; (1 p.).

“Fisher” Hand Held Concealed Weapons Detector, online brochure page downloaded Dec. 5, 2001 from www.detection.com/Security, (1 p.).

“PD 140 Hand–Held”, online brochure pages downloaded Feb. 4, 2002 from www.bombdetection.com/ceia/model/PD140.shtml, (2 pp.).

Photocopy of “MINELAB MF–1” metal detector (date unknown) (source unknown) (1 p.).

“Defenders Passport Hand–Held Metal and Weapons Detectors”, manufactured by Defenders Network, Inc., online brochure page downloaded Jul. 24, 2001 from www.defend-net.com/detection/index.html, (1 p.).

“RANGER™ Model 1000 Hand Held Body Scanner”, Ranger online brochure page downloaded Jul. 24, 2001 from www.rangersecurity.com/hand2/hand2.html, (1 p.).

Srimt Metaldetectors, online brochure downloaded Feb. 4, 2002 from www.srimt.com/choose.html, showing various unidentified hand–held metal detectors, (1 p.).

“NEWIN MODEL M–7 HAND HELD TYPE”, Newin Corporation, online brochure page downloaded Jul. 23, 2001 from www.newin.net/metal-1.htm, (1 p.).

“Handy Metal Detector”, Schiebel Security, Inc. brochure page, (date unknown), (1 p.).

“METOR® 20 Hand–Held Metal Detector”, PGT–OUTO-KUMPU, brochure page, (date unknown), (1 p.).

PERSONENSCHUTZ•SICHERHEITSTECHNIK, “MET-ALLDETEKTOREN ZUR” (German) brochure page (date unknown) (no English translation) (1 p.).

“RENS ACE™ METAL DETECTOR”, RENS Manufacturing Company, brochure page (date unknown), (1 p.).

“Model 302 WEAPON DETECTOR”, brochure page (source unknown) (date unknown), (1 p.).

“AF175 Hand–Held Metal Detector”, Ref:SE 102, EOD & SEARCH, brochure page (source unknown) (date unknown), (1 p.).

“Models AD10, AD11, and AD12”, ADAMS ELECTRONICS U.S.A., brochure page (date unknown), (1 p.).

(a) “Search Scan”, Cat. # 761–400, (b) “Pocket Probe”, Cat. # 14–173, (c) “Scan–Master”, Cat. # 792–100, catalog page (source unknown) (date unknown) (1 p.).

“HD6 Hand Held Metal Detector”, S & D SECURITY (EQUIPMENT) LTD, brochure page (date unknown) (1 p.).

“@FRISKEM pocket@REDEE Metal Detector”, FRISKEM INFINETICS, INC., brochure page (date unknown) (1 p.).

“TE–1200 Advanced Compact Metal/Weapons Detector” brochure page (source unknown) (Jul. 16, 1997) (1 p.).

“SUPER OMNI”, HENOTEX (1981) INC., online brochure page downloaded (Dec. 18, 2000) from www.henotex.com/detailed.html, (1 p.).

“METAL–TEC™ 1200”, TORFINO Enterprises, Inc., brochure page (date unknown) (1 p.).

“Portable Metal Detector (PMD)”, GARRETT ELECTRONICS, online brochure pages (Feb. 4, 2002) from www.members.cartmedia.com/basket/TextAndPicture.asp?Item=392&SCID=2049, (2 pp.).

(a) “MH–1”, (b) “MH–2”, and (c) “MH–3”, from iTiSecurity, brochure page (date unknown) (1 p.).

“PLUS 2”, Detecta, brochure page (date unknown) (in Spanish) (1 p.).

(a) “Depth Master Superprobe”, (b) MD–328B New Alert Metal Detector II, Cat. # 187–MD3288, online brochure page downloaded Nov. 3, 2000 from www.kellycodetectors.com/dynamic/templates/handhelds.htm, (1 p.).

(a) Compass Metal Detectors, (b) White’s Bullseye Pinpointer, Cat. # 960–8000285C, online brochure page downloaded Nov. 3, 2000 from www.kellycodetectors.com/dynamic/templates/handhelds.htm (1 p.).

“Vibra–Probe™ Model 460”, online brochure page downloaded Nov. 3, 2000 from www.kellycodetectors.com/dynamic/templates/handhelds.htm (1 p.).

“GA40 Security Plus Metal Detector”, online brochure page download Apr. 19, 2001 from www.ddsp.com/other.htm (1 p.).

“LYMPS Model HS Metal Detector”, Henotex(1981)Inc., brochure page (date unknown) (1 p.).

* cited by examiner

