

“Modified Shoe Polisher” Prop Analysis 2.5 01/03

©2002-2003 Kenneth J. Huegel
Main Controls and Indicators

Dual Mode Display Screen
(Display 1 shown)

Display 1 Indicator LED

Power Indicator LED

Display 2 Indicator LED

Display Select Switch
(Display 1 Select shown)

Wings Half Up Indicator LED

Wings Full Up Indicator LED

Wings Full Up Selector
(Galvanic Skin Response)

Wings Half Up Selector
(Galvanic Skin Response)
Shown as active

Display Chase Speed Control
(on back of unit)

Wings Full Up Selector
(duplicate)

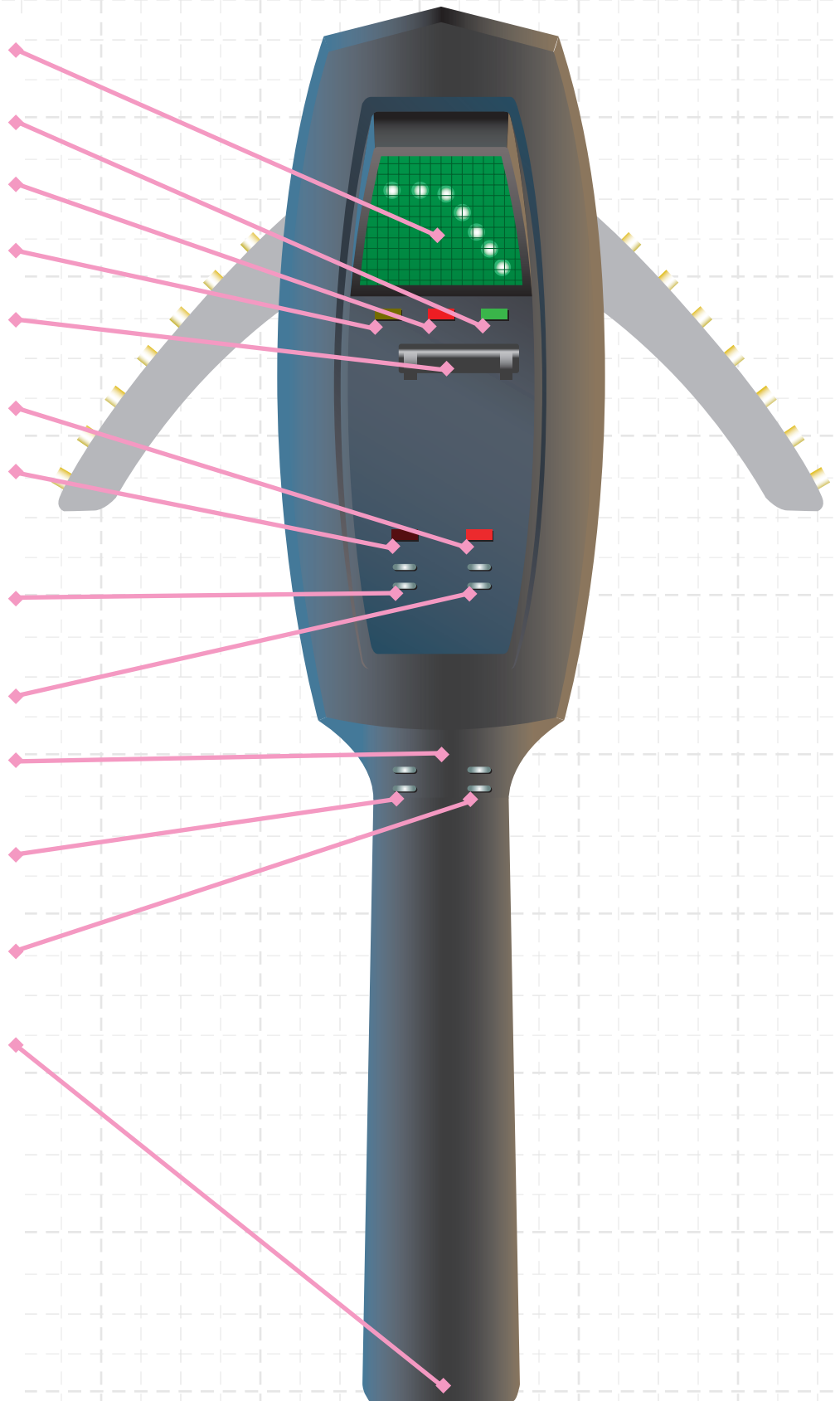
Wings Half Up Selector
(duplicate)

Power On/Off Switch
(inset in handle bottom)
Includes rectangular green
LED

Original Prop Design:
(Name TBD) - Plastics
Earl Porges - Electronics

Current Design Rights:
Modern Props, CA

Current Licensing Rights:
Sony Columbia



“Modified Shoe Polisher” Prop Analysis 2.5 01/03

©2002-2003 Kenneth J. Huegel
Dual-Mode Display

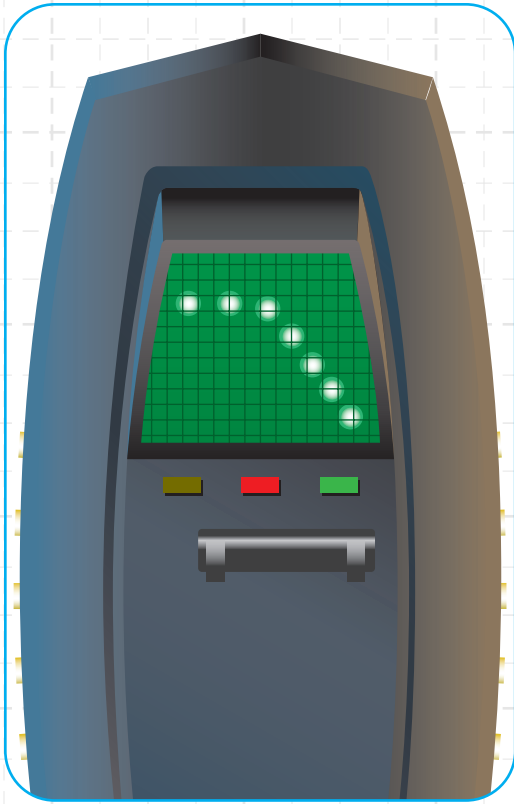


Fig. 1

Slide Switch in RIGHT-HAND position causes “Mode 1” array of green LEDs to become active. This Mode is designated “One” because it is the mode seen most often in its film & TV appearances.

The Chase action of the lights is from upper left to lower right, with only one light on at a time.

Additionally, the RIGHT-HAND LED (Green) lights to further indicate the display mode selected.



Fig. 2

Slide Switch in LEFT-HAND position causes “Mode 2” array of green LEDs to become active. This Mode is designated “Two” because it is the mode seen less often in its film & TV appearances.

The Chase action of the lights is from upper right to lower left, with only one light on at a time.

Additionally, the LEFT-HAND LED (Yellow) lights to further indicate the display mode selected.

“Modified Shoe Polisher” Prop Analysis 2.5 01/03

©2002-2003 Kenneth J. Huegel

Wing Movement

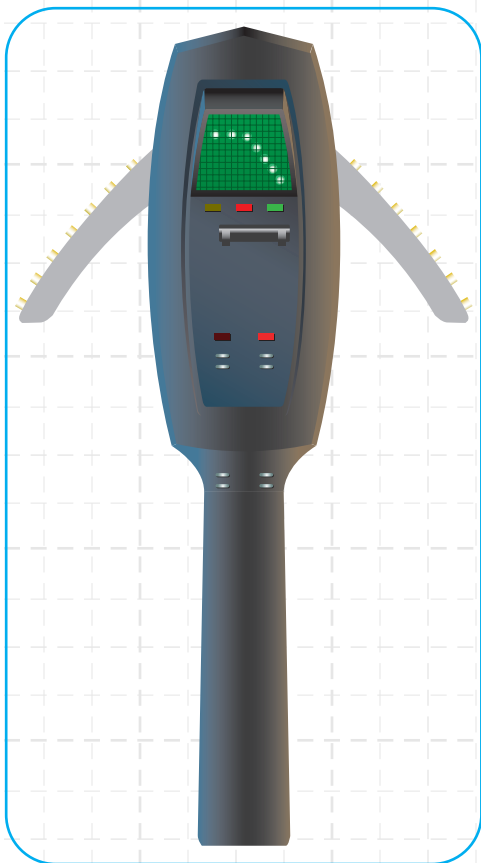


Fig. 1

RIGHT-HAND Galvanic Contacts (touch sensor switches) cause the WINGS to raise to the center point of their range of motion.

Both sets of contacts on the left side of the unit (on the faceplate and on the handle) are identical in function.

Additionally, the RIGHT-HAND LED (Red) lights to further indicate this mode selected.

The Wings will remain raised and the LED will remain lit only as long as the contacts are pressed by bare skin. As soon as contact is broken, the wings retract to Closed and the LED goes out. See Fig. 2

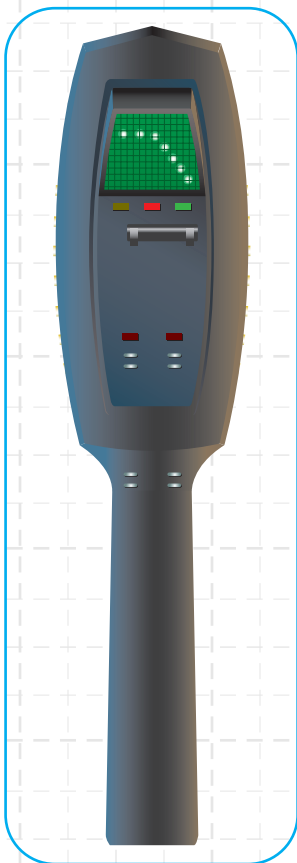


Fig. 2

Condition of unit when no touch sensor contacts are activated. Wings are retracted into body and none of the lower LEDs are lit.

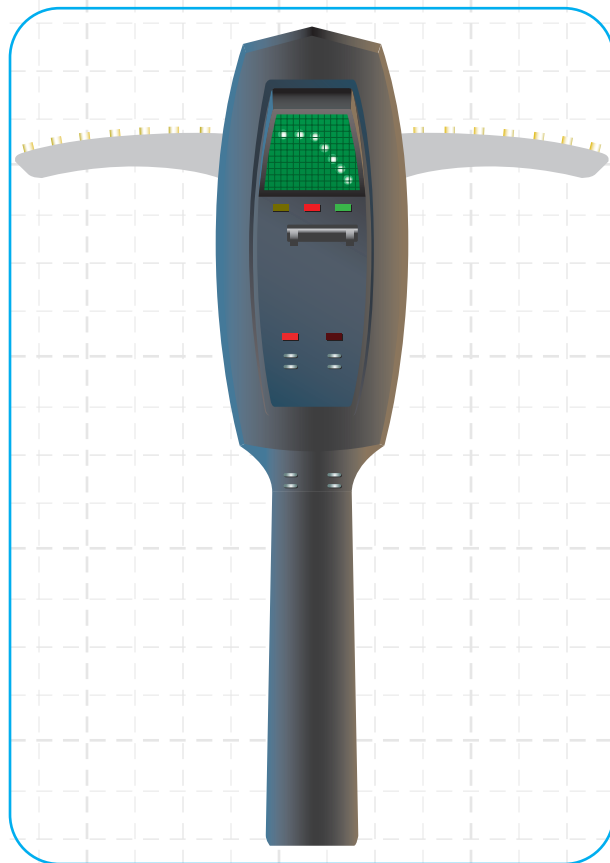


Fig. 3

LEFT-HAND Galvanic Contacts (touch sensor switches) cause the WINGS to raise to the highest point of their range of motion.

Both sets of contacts on the right side of the unit (on the faceplate and on the handle) are identical in function.

Additionally, the LEFT-HAND LED (Red) lights to further indicate this mode selected.

The Wings will remain raised and the LED will remain lit only as long as the contacts are pressed by bare skin. As soon as contact is broken, the wings retract to Closed and the LED goes out. See Fig. 2

“Modified Shoe Polisher” Prop Analysis 2.5 01/03

©2002-2003 Kenneth J. Huegel
Chase Light Activity

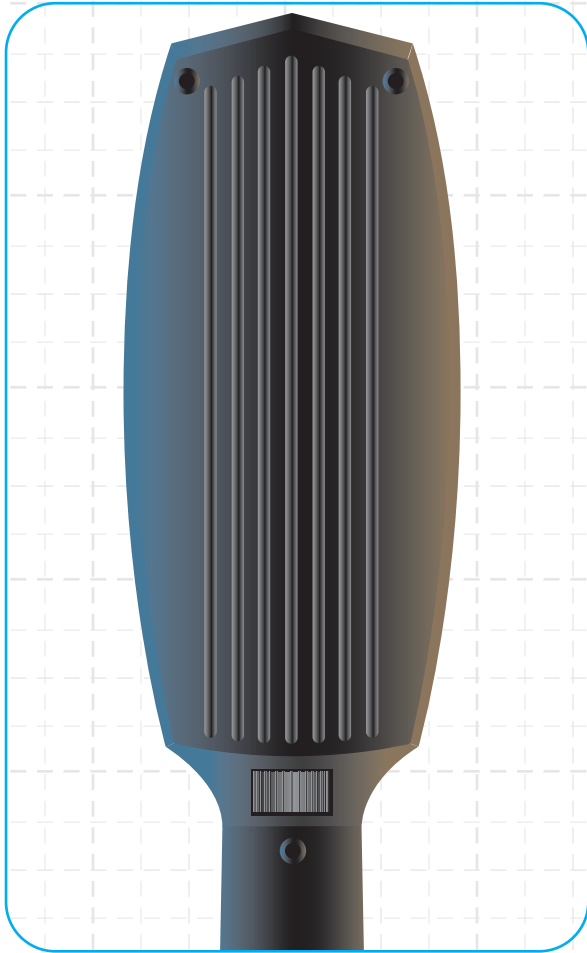
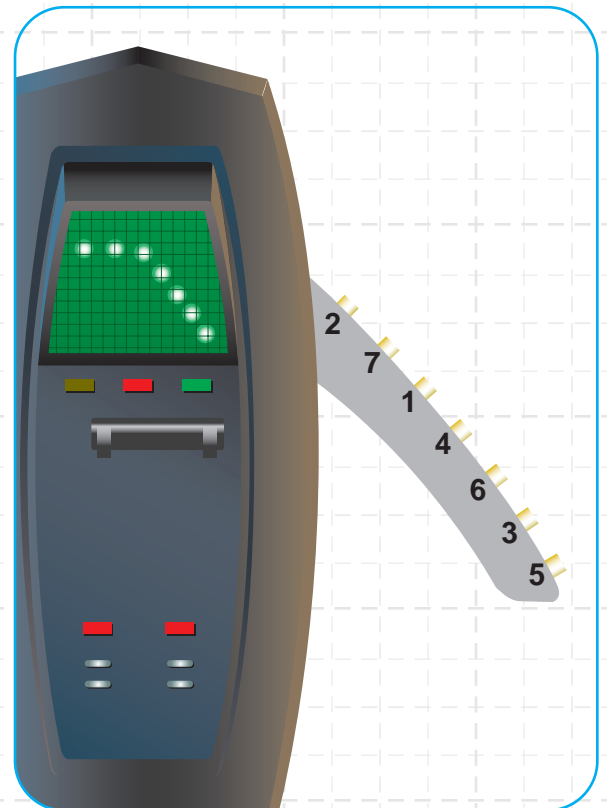


Fig. 1

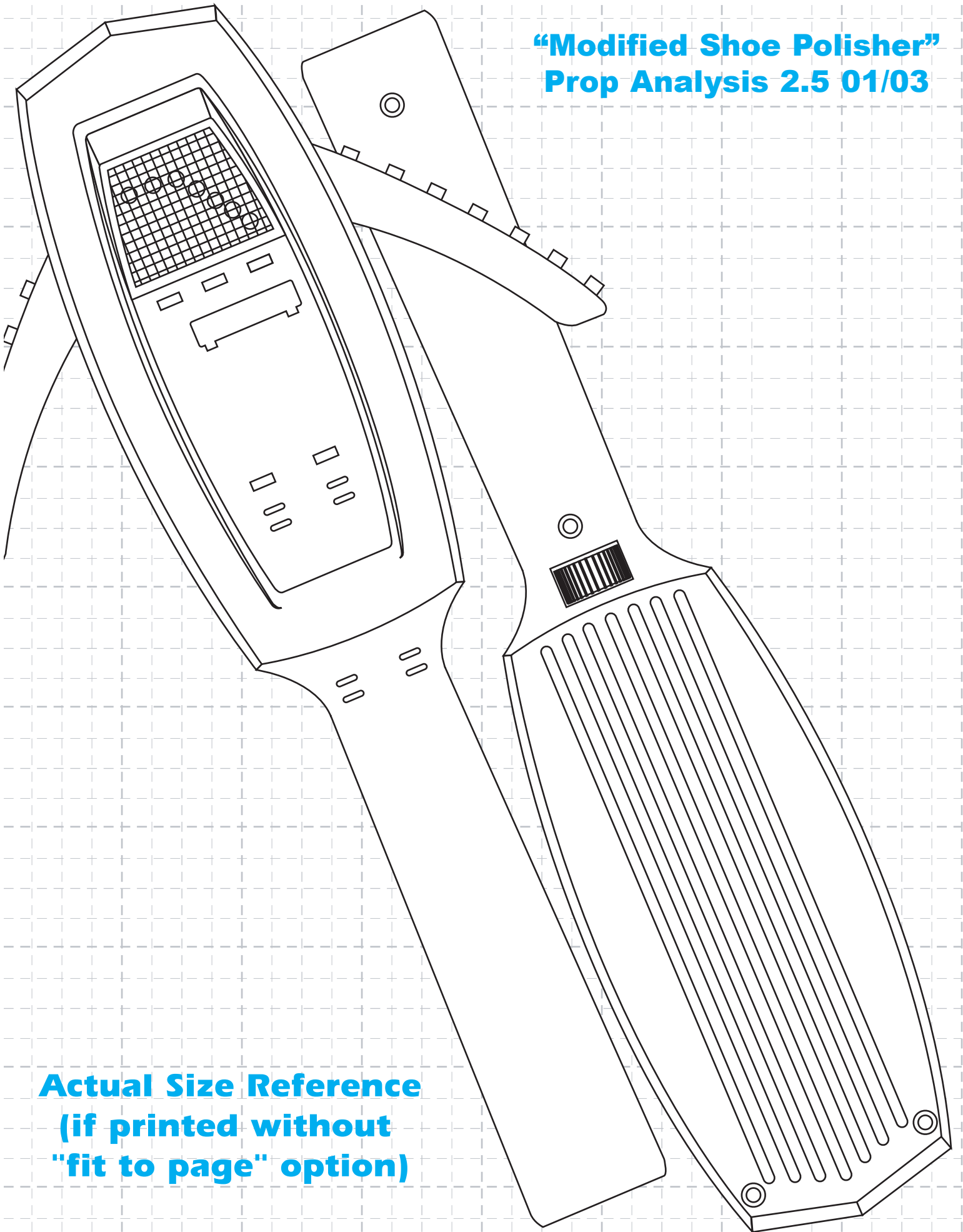
THUMBWHEEL located at rear center of unit controls the CHASE SPEED of the green lights in the unit display and the corresponding yellow lights in the wings.

Fig. 2

CORRELATION of Wing Light chase motion to Display Light chase motion. The Display Light motion is always in an orderly fashion - either Display Mode starts from an upper corner and chases down to the lower opposite corner in the sequence 1-2-3-4-5-6-7. Given this, the corresponding action for the Wing lights, from the innermost light to outermost, is 2-7-1-4-6-3-5. This is symmetrical in both wings and the speed is affected by the THUMBWHEEL in the same fashion as the Display Lights.



**“Modified Shoe Polisher”
Prop Analysis 2.5 01/03**



**Actual Size Reference
(if printed without
"fit to page" option)**