

Log. 846

RSN 83 086 796
CAT. NO.

83.498.1

Acct. No.

1983.0498

Neg. No.

83-14812-24ple
14813-D12
14814 underside
DESCRIPTION

SPECIMEN

Compass, vernier, surveyor's
David Rittenhouse

83 086 796

SOURCE Purchased from

Bob Karpaw
251 Center New Texas Road
Plum Br. Pittsburgh, Pennsylvania
15239

PLACED S-75-B

DATE October 1983

Circle near center of the rose engraved: "David Rittenhouse PHILADELPHIA." Surveyor's compass, brass, tapered socket for mounting, no level vials. The compass box is on the plate, bezil lifts off. The two removable sights are missing.

Rose engraved with an eight point star, fleur-de-lis at north, cardinal and sub cardinal points lettered, E&W reversed.

(over)

Raised circle, top is brass, inner diameter silvered. Graduated by degrees into quadrants, numbered every ten. Degree lines engraved around top edge of inner diameter, the ten degree lines extend down to the dial. Three minute vernier scale at the North position, not numbered. Clamp under compass box, south position.

Needle, plain wire, blued. Lift knob under "W" position near the socket.

Dimensions: Needle 13.3 cm. (5 1/4") long. Socket, 28.5 mm. (1 1/8") deep; 15.8 to 15 mm. (5/8" to 19/32") tapered I.D.

Overall, 34 cm. (13 3/8") long; 16.7 cm. (6 9/16") wide; 70 mm. (2 3/4") high, wt. 2.23 kg. (4 lb. 15 oz.).

Condition:

The two sights are missing. Three screws between the plate and the compass box missing.

(continued on next card)

Brass tarnished, heavily around the crevices, surface nicked and scratched. South end of plate warped and has several fracture cracks across, from 3 to 28 mm. long.

Dial, silvered, tarnishing some pitting and corrosion. Engraving coloring is crazed and flaking. Compass raised circle, engraving good, brass surface, inner rim silvered.

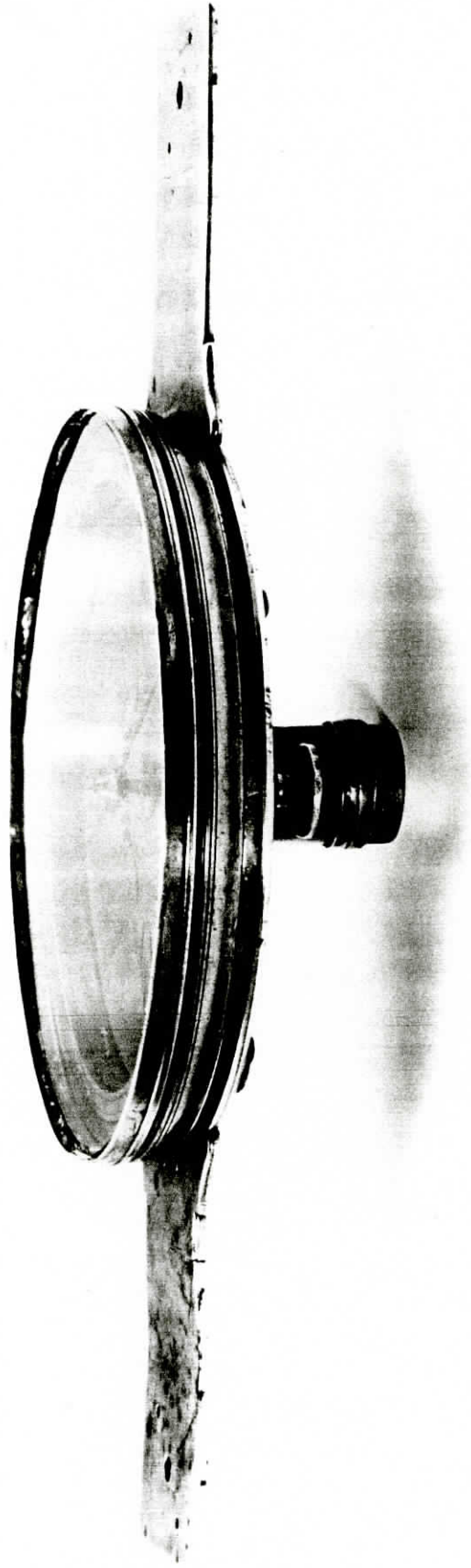
Bezil, dents around the rim. Glazing compound deteriorating and some missing around the bezil and glass.

NO case and no sights

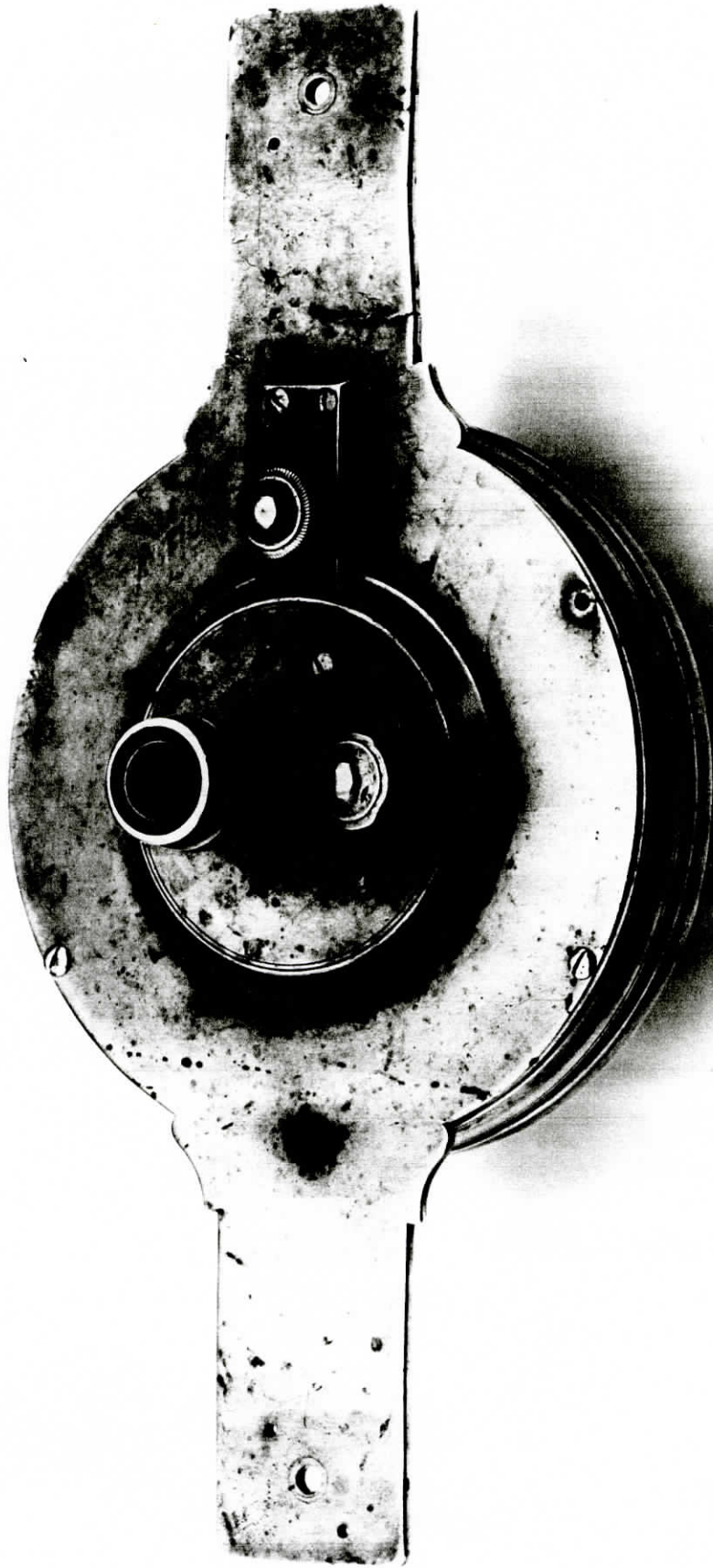
6 screws through compass plate to the graduated compass ring.
(round head screws)

Neg. No. B3-14813
CAN. No. B3.498.1
Surveyors Vernier Compass
by David Rittehouse





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Neg. No. B3-14814
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