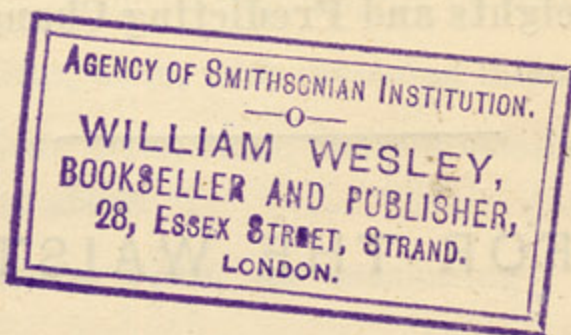


C 681.255154 (b)

51603

C 22

1883



IMPROVED

ANEROID BAROMETERS.

BY

(L.) CASELLA.

GRADUATED TO SHOW FROM ONE FOOT UP TO THREE THOUSAND FEET OF ELEVATION, OR TO TWENTY THOUSAND FEET, IF REQUIRED.

ALSO FOR MEASURING DEPTHS OF MINES, OR FOR LEVELLING AND DRAINAGE INVESTIGATIONS.

[1883]

LIST OF
L. CASELLA'S IMPROVED ANEROID
BAROMETERS,

For Measuring Heights and Predicting Changes in the Weather.

WATCH SIZE, FOR THE WAISTCOAT POCKET,

1 $\frac{7}{8}$ inches diameter, in Maroon Cases.

- | | |
|---|------------------|
| 1. Aneroid Barometer , watch size, 1 $\frac{7}{8}$ in. diameter, with revolving index .. | £2 0 0 |
| 2. ANEROID BAROMETER, ditto, ditto, measuring up to about 6,000 feet | 3 0 0 |
| 3. ANEROID BAROMETER, ditto, ditto, with circular Thermometer, divided from
27.5 to 31 inches | 3 10 0 |
| 4. Aneroid Barometer , ditto, ditto, carefully compensated for temperature, for
measuring heights up to about 5,000 to 8,000 | 3 15 0 |
| 5. ANEROID BAROMETER, 8,000 to 15,000 | 4 4 0 |
| 6. ANEROID BAROMETER, 15,000 to 19,000 | 4 10 0 |
| 7. Aneroid Barometer , ditto, extra sensitive, with greatly expanded gradua-
tions, the circle divided to 1-50th of an inch, from 28 to 31 inches, by which
an extraordinary degree of sensitiveness is produced | 5 0 0 |
| A. Nos. 4, 5, 6 and 7 may be had, if required, with a raised circle for the barometric scale, so
as to admit of a thermometer on the centre of the dial, at 10s. extra. | |
| B. An improved Transparent Compass, with crystal back and front answering either as an
excellent magnifier or burning glass, may be fitted into the lid of any of the above
instrument cases, at 40s. extra. | |
| 11. Aneroid Barometer , in SILVER CASE with double back, 1 $\frac{7}{8}$ diameter, for
measuring heights up to about 6,000 to 19,000 feet, as required | £6 0 0 to £7 0 0 |
| 12. ANEROID BAROMETER, extra small, in SILVER CASE with double back,
1 $\frac{5}{8}$ diameter, for measuring heights up to about 6,000 to 19,000 feet | £6 0 0 to 7 0 0 |
| 13. ANEROID BAROMETER, in best GOLD CASE, 18-carat, for measuring heights
up to about 6,000 to 19,000 feet | 15 10 0 |
| 14. Aneroid Barometer (Field's Engineering) , watch size | 6 6 0 |
| C: A Scale of Altitudes accompanies any of the above instruments gratis, or may be engraved
on their dials at an extra charge of 10s. | |
| D. Nos. 4, 5 and 6 may be had of small size, as No. 12 and 13, if required, at 10s. extra. | |

Improved Aneroid Barometers.

POCKET SIZE,

2 $\frac{3}{4}$ inches in diameter, in Maroon Cases.

- | | |
|---|---------|
| 15. Aneroid Barometer (plain), pocket size, 2 $\frac{3}{4}$ inches diameter, for indicating changes in the weather, or measuring heights up to about 6,000 feet .. | £2 10 0 |
| 16. ANEROID BAROMETER, ditto, ditto, with revolving index | 3 3 0 |
| 17. ANEROID BAROMETER, ditto, ditto, ditto, finely divided and compensated, for measuring heights up to about 6,000 to 8,000 feet | 4 4 0 |
| 18. ANEROID BAROMETER, ditto, ditto, for measuring heights up to about 8,000 to 10,000 feet | 4 10 0 |
| 19. ANEROID BAROMETER, ditto, ditto ,, ,, 10,000 to 19,000 feet | 4 15 0 |
| 20. Aneroid Barometer , extra sensitive, with greatly expanded graduations, divided to 1-50th of an inch, from 28 to 31 inches | 5 10 0 |

The extreme sensitiveness of this instrument is very remarkable.

- E. Thermometers may be added to Nos. 17, 18, 19 and 20, with a raised circle for the barometric scale, at 10s. extra.
- F. A Compass, with pearl card, especially adapted for showing in obscure light, may be added to the back of Nos. 17, 18, 19 and 20, at £2 extra.
- G. For moist climates a gold band is occasionally substituted for the ordinary chain, and may be added to any of the above from No. 17, at an average charge of 10s.
- H. A Scale of Altitudes accompanies any of the above instruments gratis, or may be engraved on their dials at an extra charge of 10s.
23. ANEROID BAROMETER, 4 inches diameter, a medium size, for occasional travellers, of various ranges and prices, as Nos. 17, 18 and 19.

ORDINARY SIZE ANEROID BAROMETERS,

4 $\frac{1}{2}$ inches diameter, in neat Cases.

- | | |
|---|---------|
| 30. ANEROID BAROMETER, 4 $\frac{1}{2}$ inches diameter, card dial, with or without thermometer | £0 15 0 |
| 31. ANEROID BAROMETER, 4 $\frac{1}{2}$ inches diameter, metal dial, with or without thermometer | 1 0 0 |
| 32. ANEROID BAROMETER, best engraved ,, ,, ,, | 2 10 0 |
| 33. Aneroid Barometer , ornamental gilt or coloured dial, with circular thermometer | 2 12 0 |
| 34. ANEROID BAROMETER, open enamel card dial to show the interior mechanism, with thermometer | 2 10 0 |

Improved Aneroid Barometers.

- | | |
|--|---------|
| 35. Aneroid Barometer , open engraved metal dial to show the interior mechanism, with thermometer | £3 10 0 |
| 36. ANEROID BAROMETER, cylindrical form, carefully compensated for temperature and finely divided, as used by Her Majesty's Navy, with thermometer | 4 4 0 |
| 37. ANEROID BAROMETER, ditto, ditto, without thermometer, but with extended barometric scale, available for measuring heights to about 6,000 feet, if required | 4 4 0 |
| 38. Aneroid Barometer , superior, with richly engraved raised circle, with revolving index and with or without thermometer | 5 0 0 |
| 39. ANEROID BAROMETER, superior, in best cylindrical case, with revolving index. Ordnance pattern, for measuring heights up to about | |
| 6,000 to 8,000 feet | 4 15 0 |
| 40. ANEROID BAROMETER, ditto, ditto | 5 0 0 |
| 41. ANEROID BAROMETER, ditto, ditto | 5 10 0 |
| 43. ANEROID BAROMETER, ditto, ditto, with revolving index and neat plain engraved dial, without words or thermometer, as in the best standard instruments | 5 10 0 |
| 42. Aneroid Barometer , superior extra sensitive, with greatly expanded graduations, divided to 1-100th of an inch, each barometric inch being equal to nearly four inches, with circular thermometer and richly engraved ornamental dial | 5 10 0 |

The extreme sensitiveness of this instrument, as well as No. 20, is very remarkable.

THE BEST ANEROIDS can have self-registering indices added, by which the highest and lowest point during absence may be registered, at £1 1s. extra.

A Scale of Altitudes can be had with any of the above gratis, or may be engraved on their dials at an extra charge of 10s.

For moist climates a Gold Band is occasionally substituted for the ordinary steel chain, and may be put to any of the above, from No. 34, at an extra charge of 10s.

Leather Sling Case, with strap for portability, to any of the above, 10s. extra.

- | | |
|---|--------|
| 44. Aneroid Barometer , bold and very handsome, in bronzed or gilt metal frame 18 inches diameter, for halls and public institutions | 15 0 0 |
|---|--------|

Larger sizes, in various mountings, made to order.

~~~~~

### L. CASELLA,

Surveying and Scientific Instrument Maker to the Admiralty, the Ordnance, the Board of Trade, the Indian, American, and Russian Governments.

147, HOLBORN BARS, LONDON, E.C.

*Removed from 23, Hatton Garden.*

