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A.D. 1774 . . . . . N° 1088.

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Quadrant or Sea Octant and Sextant.

MARTIN'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JOSHUA  
LOVER MARTIN, of Fleet Street, London, Optician, send greeting.

WHEREAS His most Excellent Majesty King George the Third, by His  
Letters Patent under the Great Seal of Great Britain, bearing date the  
5 Twenty-fifth day of November, in the fifteenth year of His reign, did give  
and grant unto me, the said Joshua Lover Martin, His especial license  
that I, the said Joshua Lover Martin, during the term therein expressed,  
should and lawfully might use, exercise, and vend, within England, Wales,  
and Town of Berwick-upon-Tweed, and also in all His Majesty's Colonies  
10 and Plantations abroad, my Invention and capital Improvements on "A  
CERTAIN INSTRUMENT COMMONLY CALLED HADLEY'S QUADRANT, OR SEA OCTANT  
AND SEXTANT;" in which said Letters Patent there is contained a proviso  
obliging me, the said Joshua Lover Martin, under my hand and seal, to cause  
a particular description of the nature of my said Invention and Improvements,  
15 and how the same is to be used, to be inrolled in His Majesty's High Court  
of Chancery within four calendar months after the date of the said recited



*Martin's Improvements in the Quadrant, or Sea Octant and Sextant.*

Letters Patent, as in and by the same, relation being thereunto had, may more fully and at large appear.

NOW KNOW YE, that in compliance with the said proviso, I, the said Joshua Lover Martin, do hereby declare that my said Invention and Improvements on a certain Instrument called Hadley's Quadrant, or Sea Octant and 5 Sextant, is described in the Plan thereof hereunto annexed.

In witness whereof, I, the said Joshua Lover Martin, have hereunto set my hand and seal, this Twenty-third day of March, One thousand seven hundred and seventy-five.

J. L. MARTIN. 10

A DESCRIPTION of the IMPROVEMENTS FOR ADJUSTING the GLASSES, and rendering the Use of the Octant and Sextant more easy, viz. :—

An alidade of brass M & N, fixed upon the index of the octant or sextant, and moveable about the same center, as shewn by the copper-plate Figures. A pin passing through the whole in the common center of the octant. The brass 15 case or frame which holds the index glass D is placed upon the head or circular plate of the alidade at M & O, moveable by an axis at each end, and on the back side of the brass frame D is also fixed, on the same plate, the brass pillar O, through which the adjusting screw passes that rectifies or adjusts the glasses in the horizontal position. At the lower end of the alidade N is 20 fixed the other adjusting screw, which is fastned to the index by a peice of brass or other metal on either side at L or R, as may be found most convenient. This screw is to adjust the index glass of the octant or sextant in altitude. The horizon glass E is screwed fast to the brass block T, which is fastned to its proper position by a screw on the back side ; in the same manner the back 25 observation glass F is fixed to its proper angle with the index glass. There are two brass caps to screw over the heads of the adjusting screws P and R, to prevent their being moved by accident after adjusted. The new handle, with a joint at the top and a pin at the other end to take out at pleasure, to fasten it in a perpendicular position to the plane of the octant or sextant, or any 30 other oblique position as may be found most convenient for use. There are likewise a number of small brass, ivory, or ebony pins or hobs fixed on the back side of the graduated arch or limb S, for the greater convenience of moving the index of the sextant or octant when used in a horizontal and oblique position.

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*Martin's Improvements in the Quadrant, or Sea Octant and Sextant.*

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AND BE IT REMEMBERED, that on the Twenty-third day of March, in the year of our Lord 1775, the aforesaid Joshua Lover Martin came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and every thing therein contained and specified, in form  
5 above written. And also the Specification aforesaid was stampd according to the tenor of the Statute made in the sixth year of the reign of the late King and Queen William and Mary of England, and so forth.

LAMES.

Inrolled the Twenty-third day of March, in the year of our Lord One thousand seven hundred and seventy-five.

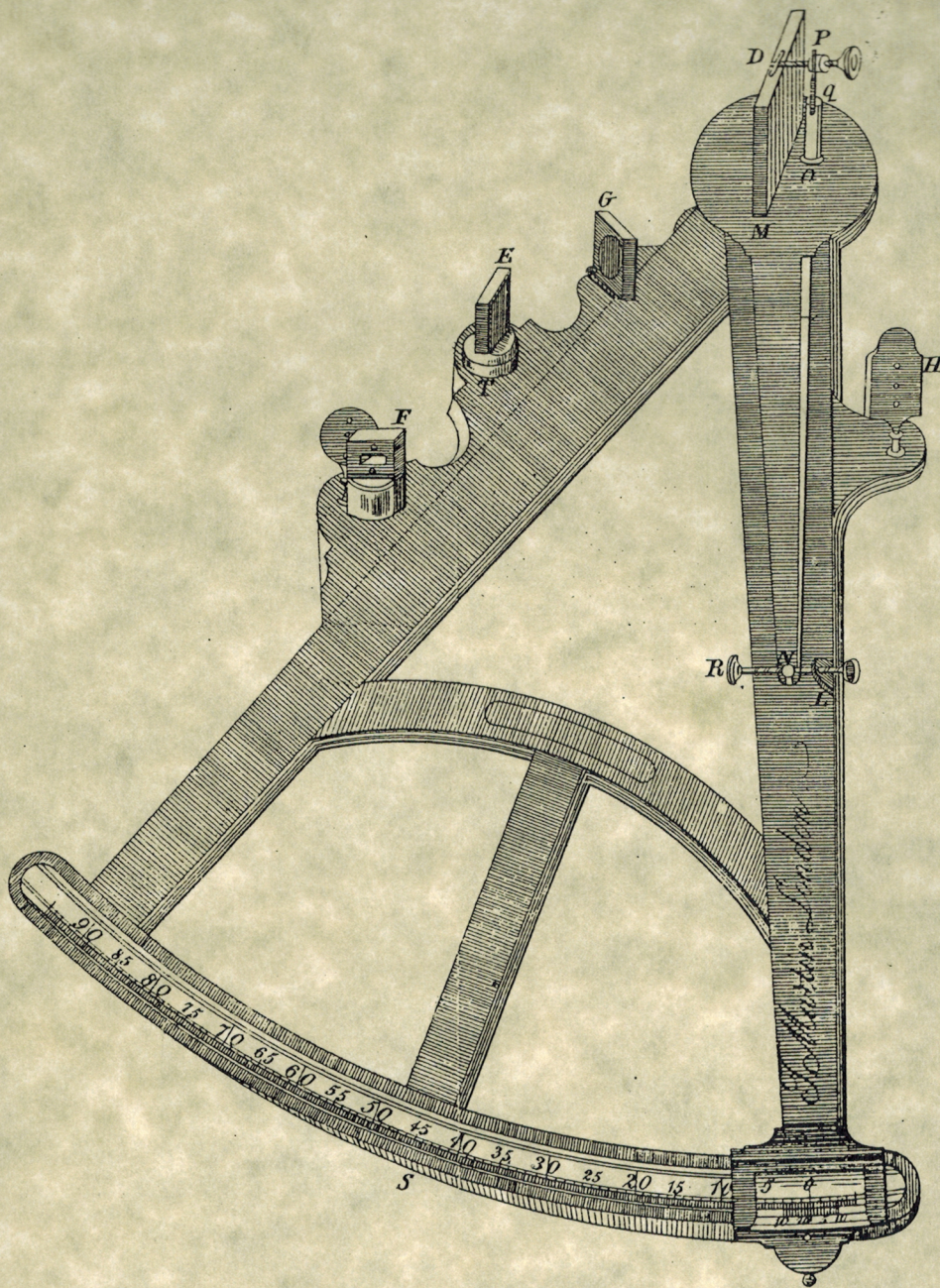
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Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen's most Excellent Majesty. 1856.

A. D. 1774. Nov 25. N<sup>o</sup> 1088.  
MARTIN'S SPECIFICATION.

(1 SHEET.)



*The enrolled drawing is partly colored.*

Drawn on Stone by Malby & Sons

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