At a Meeting of the Council of the Royal Society, Feb. 28, 1732.

THE greatest Part of this Second Volume of Statical ESSAYS, by Stephen Hales, B. D. F. R. S. having been read at several Meetings of the Royal Society, for which he had their Thanks, it is ordered that he be desired to Print the same.

Hans Sloane, P. R. S.

Statical ESSAYS: CONTAINING HÆMASTATICKS;
OR,
An Account of some HYDRAULICK and HYDROSTATICAL Experiments made on the Blood and Blood-Vessels of Animals.
ALSO
An Account of some Experiments on Stones in the Kidneys and Bladder; with an Enquiry into the Nature of those anomalous Concretions.
To which is added,
An APPENDIX, CONTAINING OBSERVATIONS and EXPERIMENTS relating to several Subjects in the first Volume. The greatest Part of which were read at several Meetings before the Royal Society.

With an INDEX to both VOLUMES.

VOL. II.

Desiderat Philosopha Naturalis vera & activa cui Medicinae Scientia inedita est.

Fran. de Verul. Infaur. Magna.

By STEPHEN HALES, B. D. F. R. S.
Rector of Farringdon, Hampshire, and Minister of Teddington, Middlesex.

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Printed for W. Innys and R. Manby, at the West-End of St. Paul's;
And T. Woodward, at the Half Moon between the Temple-Gates, Fleetstreet. MDCCXXXIII.
TO THE

KING’s

Most Excellent Majesty.

SIR,

YOUR Majesty's gracious Acceptance of my former Volume of Experiments, has encouraged me, both further to pursue these natural Researches, and also...
vi DEDICATION.

to lay the Result of them at Your Feet.

The Study of Nature will ever yield us fresh Matter of Entertainment, and we have great reason to bless God, for the Faculties and Abilities he has given us, and the strong Desire he has implanted in our Minds, to search into and contemplate his Works, in which the farther we go, the more we see the Signatures of his Wisdom and Power, every Thing pleases and instructs us, because in every Thing we see a wise Design.

As the beautiful Fabrick of this World was chiefly framed for and adapted to the Use of Man, so the greater insight we get into the Nature and Properties of Things, so much the more Beneficial will they be to us, the more will our real Riches thereby increase, the more also will Man's original Grant of Dominion over the Creatures be inlarged.

Your Majesty's Subjects of Great Britain are allowed by the candid Confession of other Nations, to excell in experimental Philosophy, which has
long been found to be most beneficial to Mankind.

As the Advancement of Arts and Sciences much depends on the Protection of Princes, whose Patronage they are well worthy of; so we have a pleasing Prospect of their flourishing under Your Majesty’s auspicious Favour, whose Care and Concern for the Welfare and Prosperity of His People, is in every respect most extensive.

That Your Majesty, after having long continued a Blessing

Blessing to Your Subjects in a prosperous Reign here on Earth, may hereafter enjoy a happy Immortality in Heaven, is the sincere Prayer of,

May it please Your Majesty,

Your Majesty’s
most humble and
dutiful Subject,

STEPHEN HALES.