

III. *A Letter from Sir Dudley Cullum, to John Evelyn, Esq; concerning the lately invented Stove for preserving Plants in the Green House in Winter, published at the end of the Calendarium Hortense.*

S I R,

I Cannot but think my self obliged in Gratitude to give you an Account how well your lately invented Stove for a Green-House succeeds (by the Experience I have had of it) which certainly has more Perfection, than ever yet Art was before Master of. Sir, I have pursued your Directions in laying my Pipes (made of Crucible Earth) not too near the Fire-grate, which is nigh upon, or better than sixteen Inches; and by making a Trench the whole length of my House, under the Paving (for the Air to issue out and blow the Fire) of a convenient breadth and depth (that is, 18 Inches both ways, cover'd with an Arch of Bricks) and at the other end of the Trench, having a square Iron Plate answerable to that of my Paving (which is 18 Inches) to take off and put on, with a round hole at each corner, of about 3 Inches Diameter, with a Lid to slide open, and shut, upon every end of them, (as you may have seen upon some Porridge-Pot covers) so that by opening any of these holes, or all of them, more or less, or taking off the whole Plate, I can relate such a quantity of Air out of the House to blow the Fire so, as to increase or diminish the blasts; and, as you were pleas'd by Letter to inform me, concerning distributing the Air at its admission more equally through the House, I have inserted my Pipes into a Channel all along the Wall at the end of the House, with those several Overtures you mention'd: All which, Sir, I assure you, prove most admirably well, as by this free and generous Communication of yours you must have highly oblig'd all the Lovers of this Recreation, as well as,

S I R,

*Your most Faithful and
Humble Servant,*

D. Cullum.