

regulating the Admission of the Air as Circumstances may require and a Funnel or Funnels should be placed on that Side of the Fire Pan or Fire Lamp from which the Wind may happen to blow to be used and applied as Occasion may require – In the annexed Schedule I have delineated six Drawings of the Fire Pan or Fire Lamp. – Figure I. Represents a rectangular Fire Pan or Fire Lamp with a perpendicular Bottom – **A.** shews the Tube or – Chimney through the Bottom. **B.** The Damper or Valve to regulate the – Admission of the Air **C.** its Handle – The Sides **D.E.F.G.** may be formed of parallel Bars or perpendicular Plates. – Figure II. Represents the Plan of the same rectangular Fire Pan or Fire Lamp with its Tube and – Slider^<Slides> – Figure III. Represents a circular Fire Pan or Fire Lamp – with a conical Bottom – Figure IV. Represents the Plan of the same – circular Fire Pan or Fire Lamp. – Figure V. represents the Section – of a vertical Fire Pan or Fire Lamp which may be made of circular – or perpendicular or rectangular Fire Pan or Fire Lamp with in horizontal Bottom **A.** shews where the Funnel with the several Branches N^o. 1.2.3.4 for the Purpose of admitting the Air into the Fire through the Bottom. –

[Bud-145-1]

(1)

[145 / 1 / 3]

or any other Shape that may be found convenient. **A.** shews its Tube or Chimney **B.B.** Its Body **C.C.** its Legs. **D.** the Damper or Valve **E.** its Handles – Figure VI. Represents a rectangular Fire Pan or Fire Lamp with an ^<horizontal> Bottom **A.** shews the Funnel with the several Branches N^o. 1.2.3.4 for the Purpose of admitting the Air into the Fire through the Bottom. – I also describe and ascertain the Nature of my said Invention of the Fire Grate or Fire Stove and in what manner the same is to be performed as follows – Reference being also had to the Drawing in the annexed Schedule (that – is to say) The Fire Grate or Fire Stove must be made with a per[vious] – Back and must be placed in such a manner as that a Space may be left between such pervious Back and the back Wall of the Fire Place, such Space is intended to form an Aperture for the Admission of Air into the back Part of the Fire through the pervious Back and a Damper or Valve is to be fixed at the Bottom or Top of such Aperture to regulate the admission of the Air as Circumstances may require – In the annexed Schedule – I have also delineated a Drawing of a Fire Grate or Fire Stove, namely – Figure VII. Represents the Section of the Fire Grate or Fire Stove. **A.** shews the Fire Place **B.B.** the Space between the pervious Back and the – back Wall of the Fire Place **C.C.** the Damper or Valve **D.D.** the pervious Back **G.G.** the Bars in the ordinary way **H.** the Ash Pit. **K.** the Chimney. In Witness whereof I the said John Buddle have hereunto set my Hand and Seal this second Day of April in the Fifty fourth year of the Reign of our Sovereign Lord George the Third by the Grace of God of the United Kingdom of Great Britain and Ireland King – Defender of the Faith and in the Year of our Lord One Thousand eight hundred and fourteen. //.

[**]

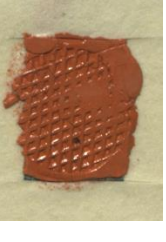
[** writing in margin in transverse, see below]

This Deed Pole or Specification was acknowledged by – John Buddle the Party therein described who prayed the same might be inrolled in His Majestys High Court of Chancery this second Day of April in – the year 1814. Before me –

Peregrine Geo: Ellison a Master
Extraordinary in the High Court of Chancery.

[Bud-145-1]

Bud-145-2 – Original Document of above

[Seal]	[Seal and Stamp]
	<p>Signed sealed and delivered (being first duly stamped) in the presence of – – – – – Peregrine Geo: Ellison of Newcastle upon Tyne –</p> <p>(Y) 5 April [Bud / 145 / 2] Plumptree</p>
[Stamp]	<p align="center">Specification of M^r. John Buddle's Invention of a Fire Pan or Fire <u>Lamp and Fire Grate or Fire Stove.</u></p> <p>Inroll in his Ma'tys high Court of Chancery the fifth day of April in the year of our Lord 1814 being first duly Stampt according to the tenor of the statute made for that purpose IP.Y.</p> <p align="center">[signed] [J Mitford]</p> <p>[Bud-145-2]</p>

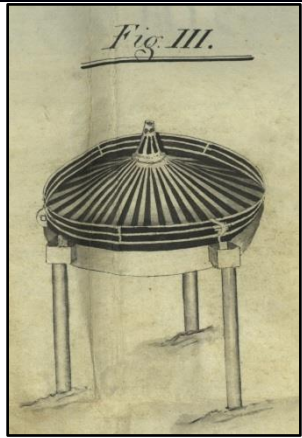
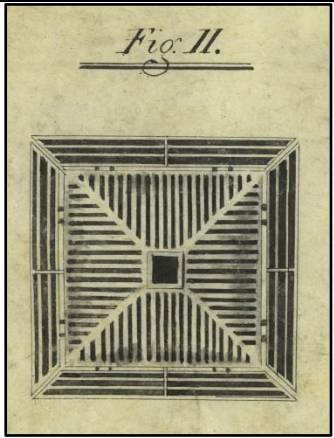
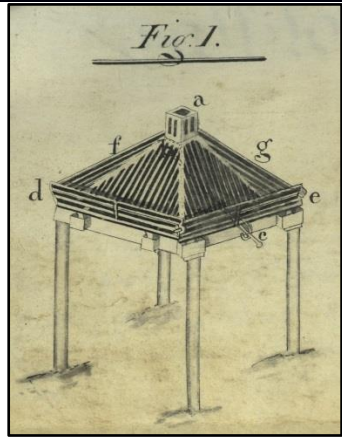
Line No.	
<p>1</p> <p>2</p> <p>3</p> <p>[Stamp]</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> <p>10</p> <p>11</p> <p>12</p> <p>13</p> <p>14</p> <p>15</p> <p>16</p> <p>17</p>	<p>To all to whom these Presents shall come I John Buddle in the County of Northumberland greeting Whereas / His most excellent Majesty King George the Third by His Letters Patent under the Great Seal of the / United Kingdom of Great Britain and Ireland bearing Date at Westminster the Twenty first Day of February in the Fifty fourth year of his Reign Did give grant unto me the said John Buddle my Executors – / Administrators and Assignes This especial Licence full Power sole Privilege and Authority that I the said John Buddle my Executors Administrators and Assignes and every of them during the Term of years / therein expressed should and lawfully might make use exercise and vend within that Part of the United Kingdom of Great Britain and Ireland called England the Dominion of Wales and Town of Berwick / upon Tweed in such manner as to me the said John Buddle my Executors Administrators and Assignes or any of them should seem meet my Invention of a Fire Pan or Fire Lamp in which small or / inferior Coals may be consumed in the Place of large or round Coals and also my Invention of a Fire Grate or Fire Stove to be fixed at the Bottom of the Chimney in the ordinary Mode in which Fire / Grate or Fire Stove small or inferior Coals may be consumed on all Occasions and for all the same Purposes as large or round Coals In which said Letters Patent there is contained a Proviso obliging / me the said John Buddle by an Instrument in Writing under my Hand and Seal to cause a particular Description of the Nature of my said Invention and in what manner the same is to be / performed to be inrolled in His said Majestys High Court of Chancery within two Calendar Months after the Date of the said recited Letters Patent as in and by the same Reference being thereunto had / will more dully and at large appear Now know ye That I the said John Buddle in compliance with the said Proviso do hereby describe and ascertain the Nature of my said Invention – / of the said Fire Pan or Fire Lamp and in what manner the same is to be performed as follows Reference being had to the Drawings in the annexed Schedule (that is to say) First. The Fire Pan or / Fire Lamp may be made of a circular or pentagonal or rectangular or any other convenient Shape – The Body of it may be formed horizontally or vertically with a pyramidal convex conical horizontal or / concave Bottom or a Bottom of any other Shape that may be found convenient and such Bottom may be made of Iron Brass or any other Materials – the Bottom of the Fir Pan or Fire Lamp should / ^< either> be formed into one or more vertical Tubes or one or more vertical Tubes should be fixed into the – Bottom of the Fire Pan or Fire Lamp for the Purpose of admitting the Air – These Tubes may be / made of Iron or any other Metal and may be formed of vertical or horizontal Bars or in any other Shapes that may be sufficiently capable of admitting the Air freely into the Fire – Dampers or / Valves may be fixed at the Bottom of the Tubes for the Purpose of</p>

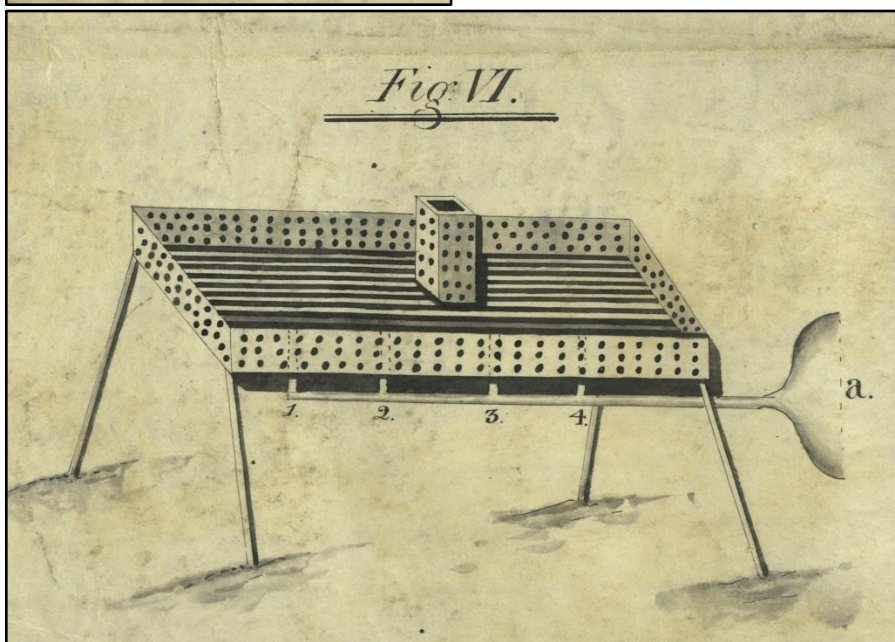
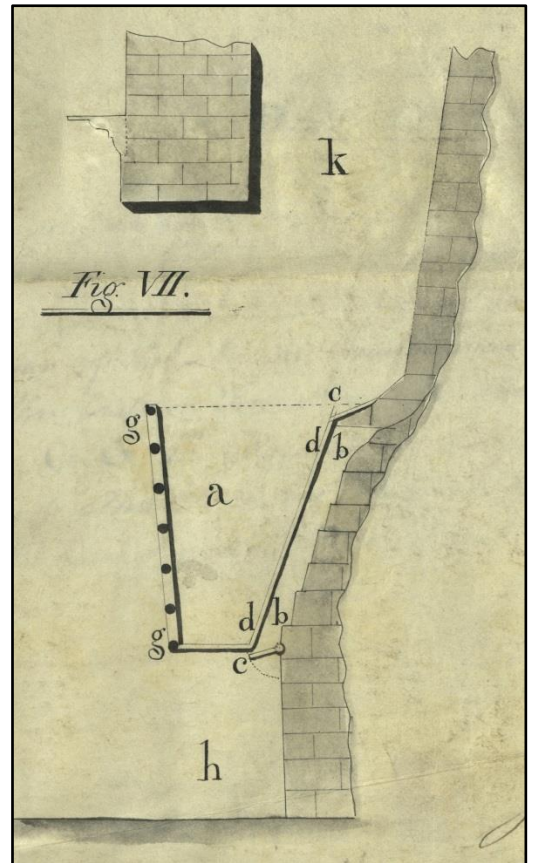
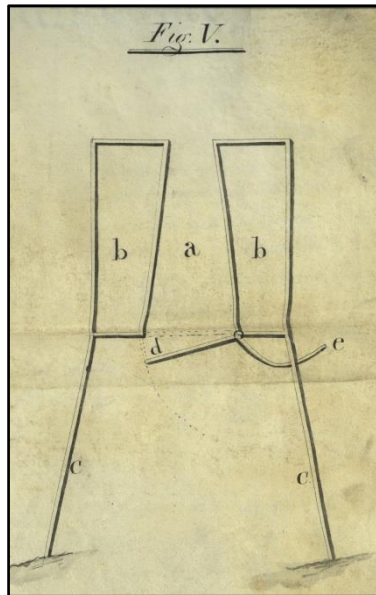
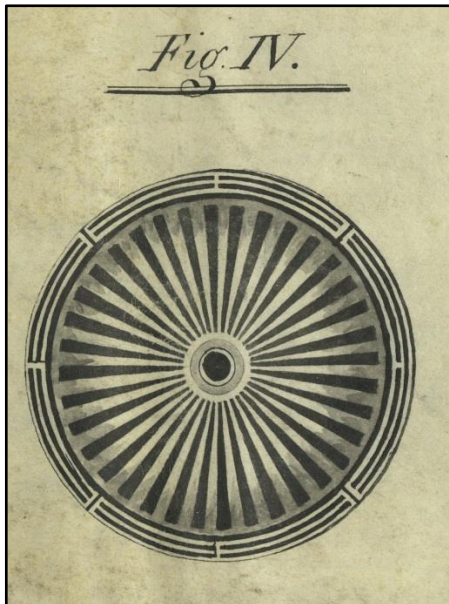
18 qualifying and regulating the Admission of the Air as Circumstances may require and a
 19 Funnel or Funnels should be placed / on that Side of the Fire Pan or Fire Lamp from
 20 which the Wind may happen to blow to be used and applied as Occasion may require
 21 – In the annexed Schedule I have delineated six Drawings / of the Fire Pan or Fire
 22 Lamp – Figure I. Represents a rectangular Fire Pan or Fire Lamp with a perpendicular
 23 Bottom **A.** shews the Tube or Chimney through the Bottom. **B.** The Damper or / Valve
 24 to regulate the Admission of the Air **C.** its Handle – The Sides **D.E.F.G.** may be formed
 25 of parallel Bars or perpendicular Plates. Figure II. Represents the Plan of the same
 26 rectangular / Fire Pan or Fire Lamp with its Tube and Sides – Figure III. Represents a
 27 circular Fire Pan or Fire Lamp with a conical Bottom – Figure IV. Represents the Plan of
 28 the same Circular / Fire Pan or Fire Lamp. – Figure V. Represents the Section of a
 29 vertical Fire Pan or Fire Lamp which may be made of a circular pentagonal or
 30 rectangular or any other Shape that may be / found convenient. **A.** shews its Tube or
 31 Chimney **B.B.** its Body **C.C.** its Legs. **D.** The Damper or Valve **E.** its Handles – Figure
 32 **VI.** Represents a rectangular Fire Pan or Fire Lamp / with an horizontal Bottom **A.**
 33 shews the Funnel with the several Branches numbers 1.2.3.4 for the Purpose of
 34 admitting the Air into the Fire through the Bottom. – I also describe / and ascertain the
 nature of my said Invention of the Fire Grate or Fire Stove and in what manner the –
 same is to be performed as follows Reference being also had to the Drawing in the /
 annexed Schedule (that is to say) The Fire Grate or Fire Stove must be made with a
 pervious Back and must be placed in such a manner as that a Space may be left
 between such pervious Back and / the back Wall of the Fire Place – such a Space is
 intended to form an Aperture for the Admission of Air into the back Part of the Fire
 through the pervious Back and a Damper or Valve is to be fixed / at the Bottom or Top
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 In the annexed Schedule I have also delineated a Drawing of a Fire / Grate or Fire
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A. shews the Fire Place **B.B.** the Space between the pervious Back and the back Wall
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 the ordinary way **H.** the Ash Pit. **K.** the Chimney. **In Witness** whereof I the said John
 / Buddle have hereunto set my Hand and Seal this second Day of April in the Fifty
 fourth year of the Reign of our Sovereign Lord George the Third by the Grace of God of
 the United Kingdom / of Great Britain and Ireland King Defender of the Faith And in the
 Year of our Lord One Thousand eight hundred and fourteen. //.
 John [Seal] Buddle

[Below text written in left-hand Margin]

1 This Deed Pole or Specification was acknowledged by John Buddle the Party therein
 2 described
 3 who prayed the same might be inrolled in His Majestys High Court of Chancery
 4 The second Day of April in the year One Thousand eight hundred and fourteen
 5 Before me.
 6 Peregrine Geo: Ellison a master
 Extraordinary in the high Court of Chancery.

[Bud-145-2]





[Text with Diagrams]

Exhibited to the within names John Buddle at the time of execution of the within Instrument and is the same within referred to by him this 2nd April 1814

Peregrine Geo: Ellison
a Master Extray. &c.

John Buddle

[Bud-145-2]