



A.D. 1805 N° 2837.

Cutting Pillars or Tubes out of Solid Wood or Stone.

WRIGHT'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, Sir GEORGE WRIGHT, of Ray Lodge, in the County of Essex, Baronet, 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 Thirtieth day of March, in the forty-fifth year of His said Majesty's reign, did give and grant unto me, the said Sir George Wright, His special licence, full power, sole privilege and authority, that I, the said Sir George Wright, my executors, administrators, and assigns, should and lawfully might, during
10 the term of years therein expressed, make, use, exercise, and vend, throughout that part of His Majesty's United Kingdom of Great Britain and Ireland called England, His Majesty's Dominion of Wales, and Town of Berwick-upon-Tweed, my Invention (that is to say), "**AN INSTRUMENT OR MACHINE FOR CUTTING OUT OF SOLID STONE, WOOD, OR OTHER MATERIALS, PILLARS OR TUBES, EITHER CYLINDRICAL OR CONICAL, WITH GREAT SAVING OF LABOUR AND MATERIALS;**" in
15 which said recited Letters Patent is contained a proviso obliging me, the said Sir George Wright, by 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 Majesty's High Court of Chancery within one calendar month next after the date of the said recited
20 Letters Patent, as in and by the said recited Letters Patent, and the Statute in that behalf made, relation being thereunto had, may more fully and at large appear.

Wright's Machine for Cutting Pillars or Tubes out of Solid Wood or Stone.

NOW KNOW YE, that in compliance with the said proviso, and in pursuance of the said Statute, I, the said Sir George Wright, do hereby declare that my said Invention, (that is to say,) an Instrument or Machine for Cutting out of Solid Stone, Wood, or other Materials, Pillars or Tubes either Cylindrical or Conical, with great Saving of Labor and Materials, is described and 5 ascertained in manner and form following (that is to say):—

The intention and end of the Invention which is the object of this Patent is to form or cut stone, wood, or other materials into divers tubes or columns of various diameters, and various other circular work, without the labor and expence of chipping or hollowing, and also by means thereof to form pipes, 10 cisterns, cantelavres, chimney tops, arches, arches for sewers, gothic work, semicircles, ovals, connection of circles, or ovals with inverted curvatures, and all other circular work.

This Invention is the application of a saw or saws, or other instruments, in a hole or holes previously drilled in the stone, wood, or other materials for 15 that purpose, or of saws or instruments for sawing, working, or cutting from a centre or centres, or in a tangent of any given circle or oval.

The Plan or Plate in the margin marked A exhibits a block of stone, wood, or other materials, and drill for drilling holes therein. In the first place a hole or holes is or are drilled through the block for a centre or for centres 20 whence the saw is to work, and which hole or holes may be drilled by any other species of drill whatsoever, and other holes in like manner are to be drilled at given distances according to the diameter of the tubes or columns or other work required to be performed, which holes are to be perforated preparatory to the use or application of the saw, saws, or instruments herein-after 25 described.

The Plans or Plates in the margin marked B, C, D, exhibit saws or instruments for working in stone, wood, or other materials, acting on the principle of working in a hole or holes previously drilled therein.

The Plan or Plate in the margin marked B exhibits a saw or instrument 30 applied to form the tube or column required, and the manner in which the same acts or performs the work.

The Plan or Plate in the margin marked (C) exhibits a saw or instrument by which connective sigments of circles are formed from centres which are out of the block of stone, wood, or other materials. 35

The aforesaid Plans or Plates in the margin marked B, C, exhibit two^o of the modes by which the saws or instruments are connected with their centres acting upon one and the same principle, though the assistance of the drill is not required in the Plan or Plate in the margin marked (C).

Wright's Machine for Cutting Pillars or Tubes out of Solid Wood or Stone.

The Plan or Plate in the margin marked D exhibits a saw or instrument acting between circles or grooves fixed at each end of a block of stone, wood, or other materials, without any direct connection with the centre, or drilling any centre hole.

5 The Plans or Plates in the margin exhibit some of the modes, ways, or means by which this Invention may be carried into effect, but other instruments may be made or employed or used to the same effect, and on the same principles.

10 In witness whereof, I, the said Sir George Wright, have hereunto set my hand and seal, the Thirtieth day of April, in the forty-fifth 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 five.

15 GEORGE WRIGHT. (L.S.)

Sealed and delivered, being first duly
stampt, in the presence of,

P. A. HANROTT,
Lincoln's Inn.

20 W. BERRY,
Clerk to Mess^{rs} Maddock & Stevenson,
same place.

AND BE IT REMEMBERED, that on the same Thirtieth day of April, in the year above mentioned, the aforesaid Sir George Wright came before
25 our Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and every thing therein contained, in form above written. And also the Specification aforesaid was stamped according to the tenor of the Statute in that case made and provided.

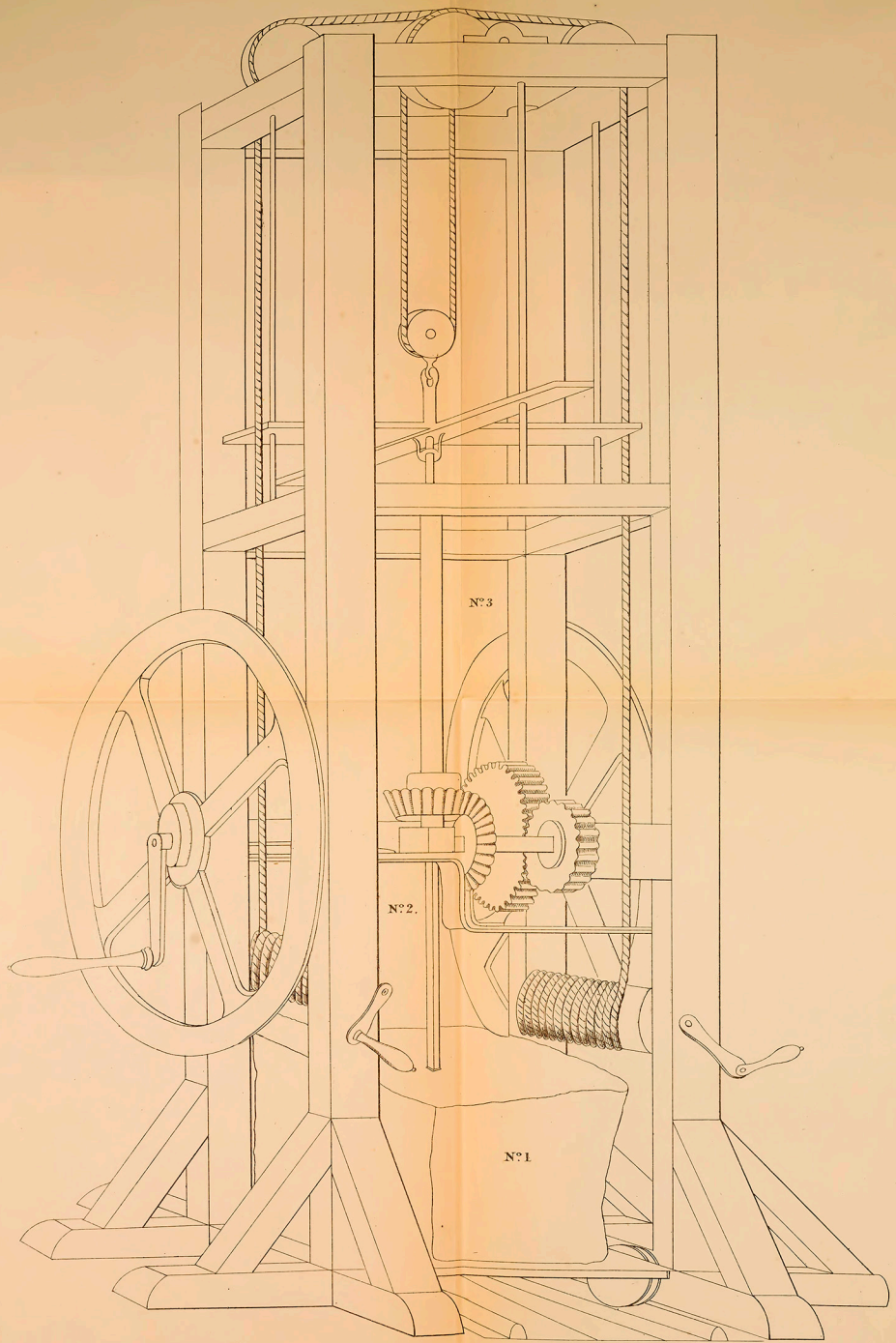
Inrolled the same Thirtieth day of April, in the year above written.

LONDON:

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

A.D. 1805. MAR. 30. N° 2837.
LESTER'S SPECIFICATION.

*The Drill for perforating the Materials preparatory
to the Application of the Saw.*



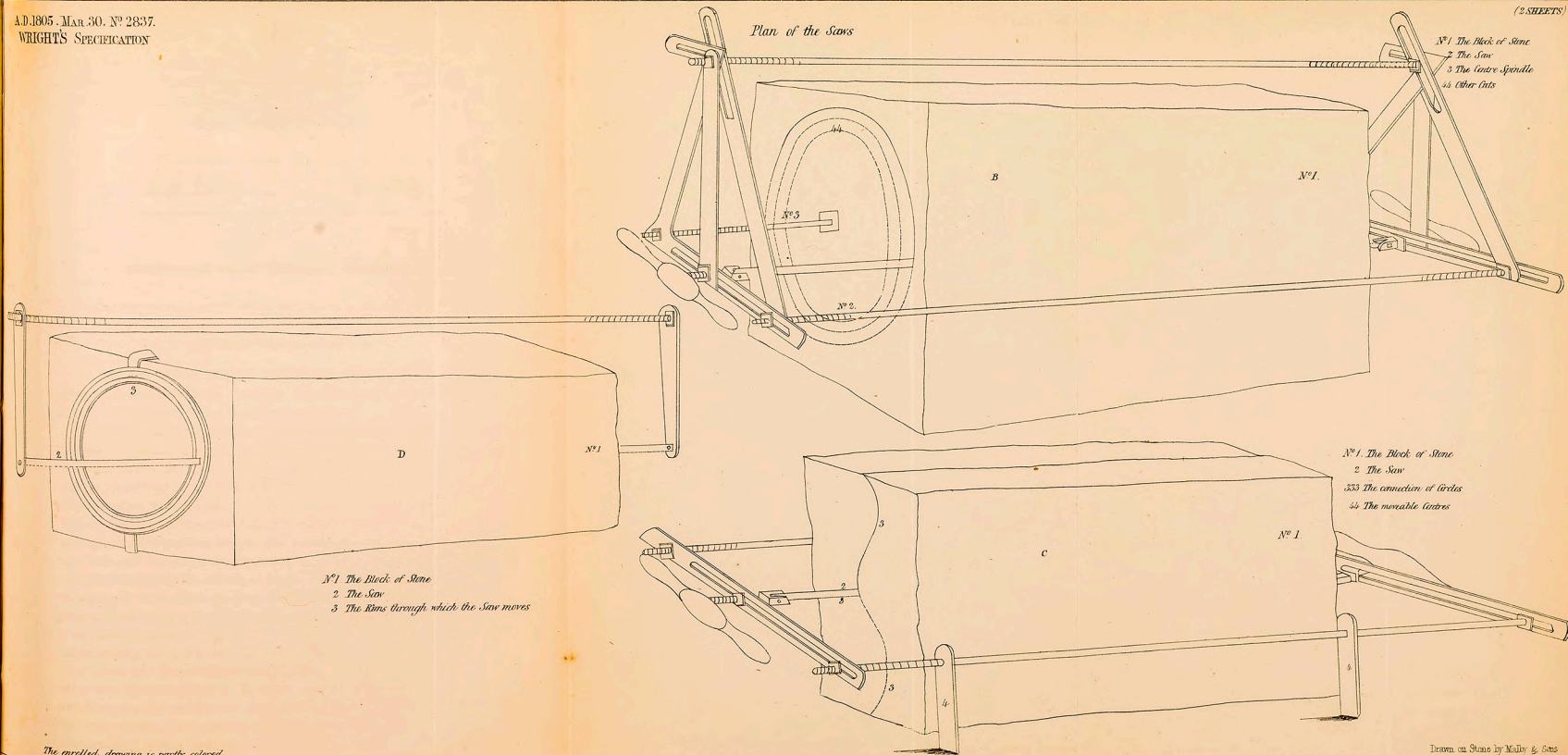
N° 1. The Block of Stone
 2. The Drill
 3. The Shaft through which the Drill runs having at the same time a rotatory and perpendicular Motion.

The enrolled drawing is colored.

Drawn on Stone by Malby & Sons

A.D. 1805. Mar. 30. N^o 2837.
WRIGHT'S SPECIFICATION

Plan of the Saws



The encolled drawing is partly colored.

Drawn on Stone by Malby & Sons