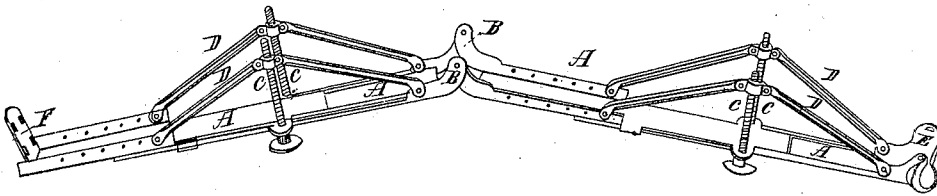


T. BURR.
FRACTURE APPARATUS.

No. 32,229.

Patented Apr. 30, 1861



Witnesses.

Mr. O. Stuart
Campbell

Inventor:

Dr. Theobald Burn

UNITED STATES PATENT OFFICE.

T. BURR, OF BATTLE CREEK, MICHIGAN, ASSIGNOR TO HIMSELF, C. L. BURR, S. W. MCCREA,
L. H. BRINKERHOFF, AND PARCEL BRINKERHOFF, OF SAME PLACE.

FRACTURE APPARATUS.

Specification of Letters Patent No. 32,229, dated April 30, 1861.

To all whom it may concern:

Be it known that I, THEODORE BURR, of Battle Creek, in the county of Calhoun and State of Michigan, have invented a new and useful Improvement in Fracture Apparatus; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which the figure is a perspective view.

AA, AA is the extension slides or splints, B, B, is the joint by which the extension and counter extension slats are attached.

C, C, C, C, is the screws, operating upon the braces by means of toggle nuts, forming joints, and connecting the upper end of the braces, to the nuts, the foot of the braces D, D, D, D, being secured to the splint A, A, A, A, by a pin, the splint being provided with a perforated flange for the purpose of adjusting the braces to any required length by means of a pin, the upper splint being provided with a socket E so as to fit the hip and pelvis, either right or left to which the socket E is firmly secured by a compress or bandage. The lower splint is provided with a foot piece F, to which the foot is secured, by means of gaiter or bandage, or otherwise, the joint B, B, being secured to the knee, also by bandages.

The apparatus being thus secured the operation is performed by (the braces being

elevated on the screw) detaching one of the adjusting braces on each section of the splints. Then by turning the screw down produces an extension of the splint, then in case a further extension is necessary, the opposite braces are adjusted, and (the first, operated upon, being liberated,) the second brace performs the same operation as the first, and so continue to the full capacity of the apparatus.

The advantages of an apparatus thus constructed, is to enable the patient to walk with a certain degree of facility while the broken limb is supported by an apparatus thus constructed and applied. The extension being in a right line obviates the imperfections of unskilful practitioners and removes the inconveniences of storing an outfit for each and every different length of limb subject to be broken.

I do not claim extension splints, neither do I claim toggle braces as my invention, but—

What I claim as my invention and desire to secure by Letters Patent is—

The application of the toggle braces, D, operated upon a screw, in connection with extension splints, operating as described, and for the purpose set forth.

THEODORE BURR.

Witnesses:

A. S. HALLADAY,
WILLIAM LEWIS.