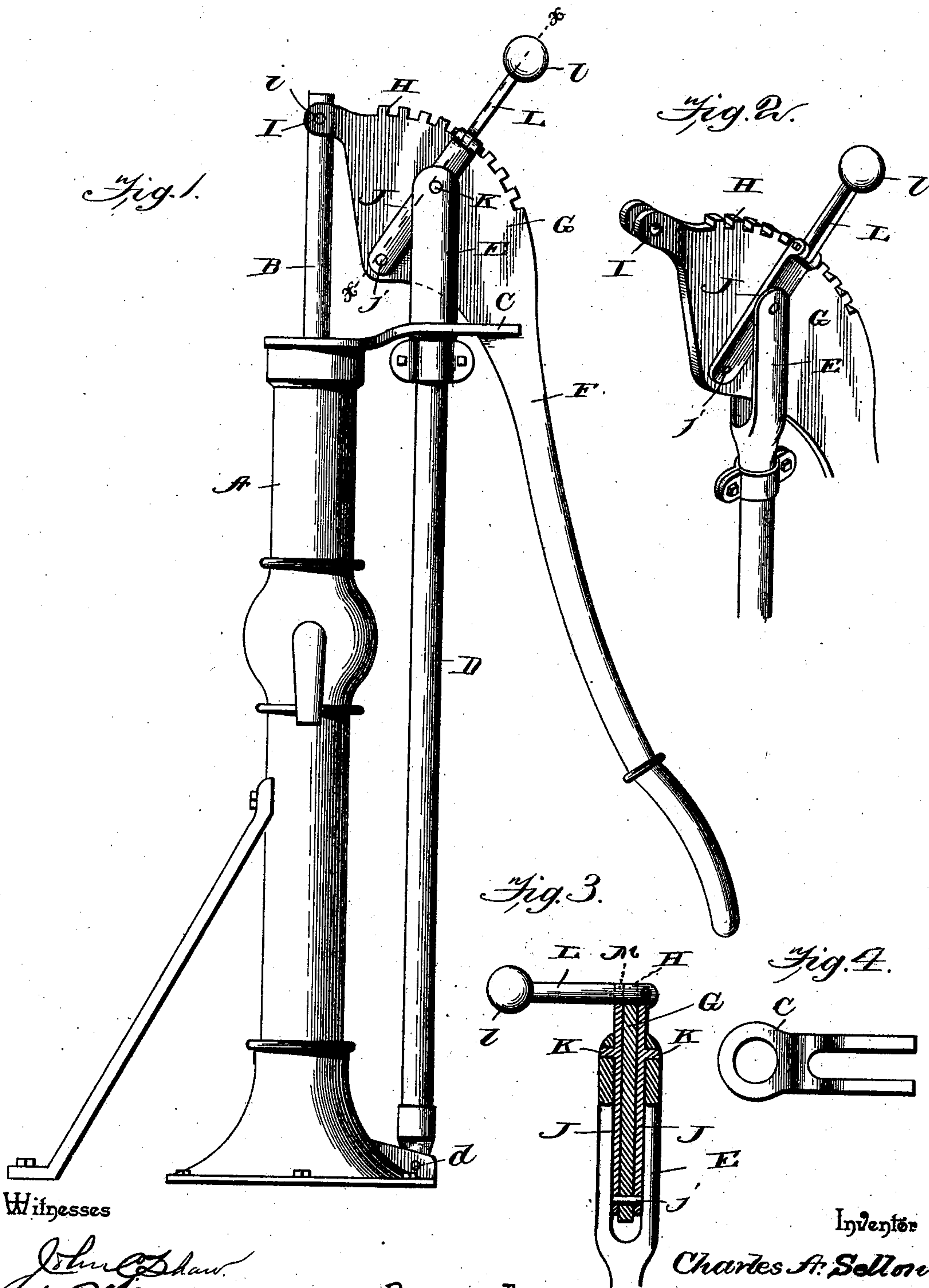


(No Model.)

C. A. SELLON.
PUMP HANDLE.

No. 503,990.

Patented Aug. 29, 1893.



Witnesses

John C. Shaw
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UNITED STATES PATENT OFFICE.

CHARLES A. SELLON, OF PIKE, ASSIGNOR TO WILLIAM J. SELLON, OF
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PUMP-HANDLE.

SPECIFICATION forming part of Letters Patent No. 503,990, dated August 29, 1893.

Application filed March 25, 1893. Serial No. 467,546. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. SELLON, a citizen of the United States, residing at Pike, in the county of Wyoming and State of New York, have invented a new and useful Pump-Handle, of which the following is a specification.

This invention relates to pump handles; and it has for its object to provide an improved adjustable pump handle attachment contemplating certain improvements over my former patent, No. 476,082, granted May 31, 1892.

To this end the main and primary object of the present invention is to simplify the construction of pump handles of this character, while at the same time rendering the same quite as efficient in practical use.

With these and many other objects in view which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts hereinafter more fully described, illustrated and claimed.

In the accompanying drawings—Figure 1 is a side elevation of a pump and a pump handle connected thereto, as contemplated by this invention. Fig. 2 is an enlarged detail in perspective of the pump handle attachment. Fig. 3 is a sectional view on the line $x-x$ of Fig. 1. Fig. 4 is a detail plan view of the slotted guide arm.

Referring to the accompanying drawings, A represents a pump of ordinary construction and operated by means of the ordinary vertically reciprocating pump rod B, and said pump A, carries at its upper end the off-standing slotted guide arm C, in which moves the upper end of the swinging pipe-standard D. The pipe standard D, is preferably made of a suitable length of pipe and is pivoted at its lower end at d , to the base of the pump A, while to the upper end thereof is attached the forked or bifurcated bearing yoke E, which is designed to have a play in the slot of the arm C, and to form a support for the adjustable pump handle F. The adjustable pump handle F, terminates at one end in the sector adjusting head G, which is provided on its periphery, or in its arc, with a series of locking or adjustment notches H, and terminates at one extremity in the attaching loop I, which is

pivotaly connected to the pump rod B, on the pivot bolt i . The sector adjusting head G, of the pump handle is embraced by the bearing yoke E, in which it works, and has working on each side thereof the opposite adjusting links J. The links J, are pivoted to the sector center j , and are provided near their outer ends with the off-standing pivot pins K, which engage bearing perforations at the upper extremities of the yoke E, thereby providing a pivotal support for the sector head inside of said yoke, and to the outer extremity of one of the links J, is pivotaly connected one end of the weighted latch bar L. The latch bar L, carries a weight l , at its unpivoted extremity, and is adapted to be dropped into engagement with any one of the notches in the arc of the sector head, and the locking notch M, formed in the outer end of the other adjusting link, said weight serving to hold the latch bar into engagement with such notches to secure the pump handle in any adjusted position.

From the foregoing it is thought that the construction and operation of the herein described improvements will be apparent to those skilled in the art. To adjust the pump handle in order to regulate the length of the stroke, according to the option of the person using the same, it is simply necessary to lift the weighted latch bar out of the notches which it engages, to move the adjusting links to the desired point on the adjusting head, and to drop the weighted latch lever into engagement with the notches at that point.

Changes in the form, proportion and the minor details of construction as embraced within the scope of the appended claims may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a pump handle, the combination of a swinging bearing standard having a bearing yoke at its upper end, an adjustable pump handle terminating at one end in a sector head adapted to move in said bearing yoke and provided with adjustment notches in its periphery, adjusting links pivoted at one end to the body of the sector head and provided with off-standing pivot pins engaging perforations in

the extremities of said bearing yoke one of
said links being further provided with a notch
at its outer end, and a latch bar pivoted to
the other of said links and adapted to engage
5 the notches of said head and the link notch,
substantially as set forth.

2. In a pump handle, the combination with
the swinging bearing standard, and a slotted
guide therefor; of an adjustable pump han-
10 dle terminating at one end in a sector head
provided with a series of notches in its arc,
opposite circularly adjustable links pivoted
to the center of the sector and to the upper
extremities of the bearing standard, one of

said adjusting links being provided at its 15
outer end with a notch, and a weighted latch
bar pivoted at one end to the other adjusting
link and adapted to be dropped into engage-
ment with the notches of the sector head and
the link notch, substantially as set forth. 20

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

CHARLES A. SELLON.

Witnesses:

J. H. SIGGERS,
E. G. SIGGERS.