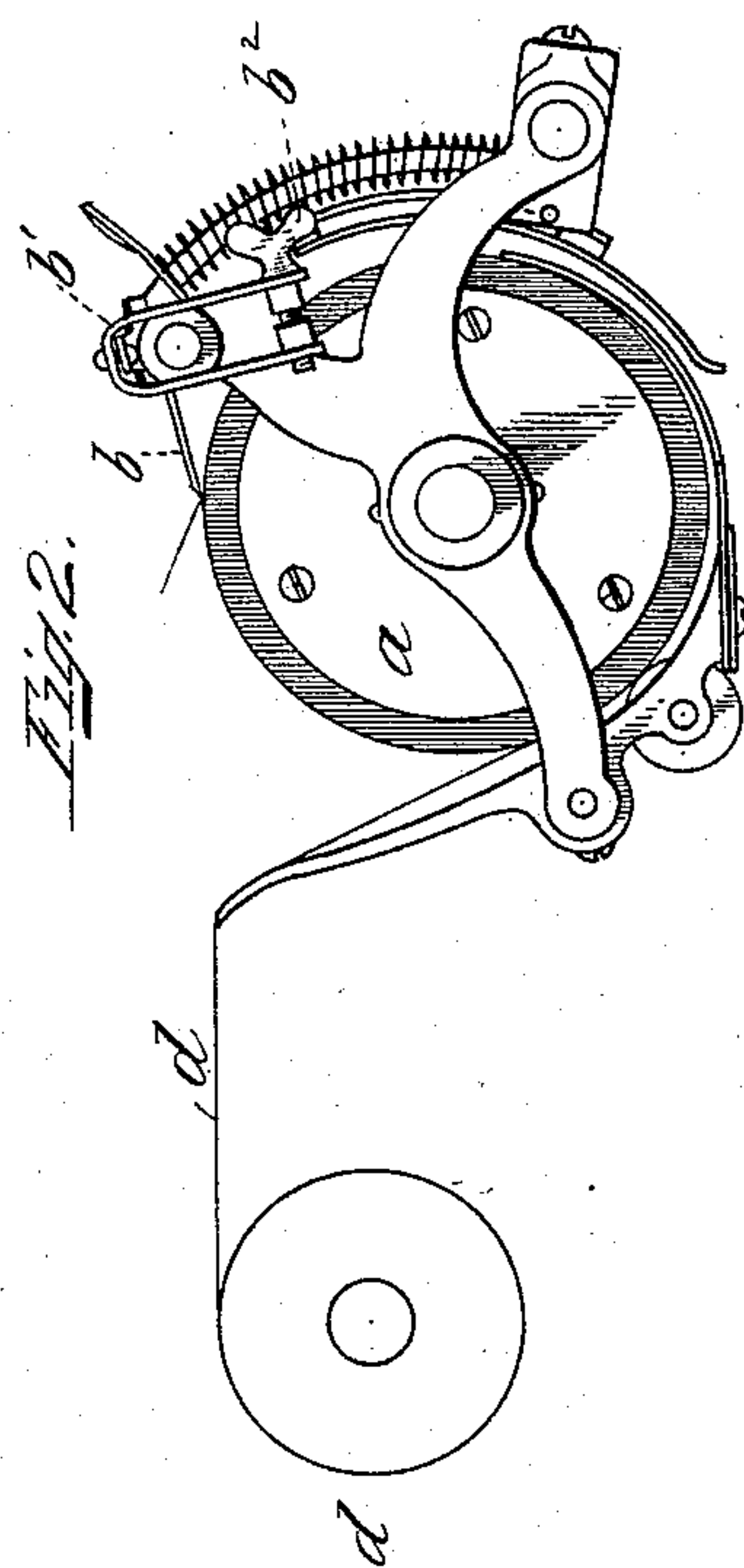
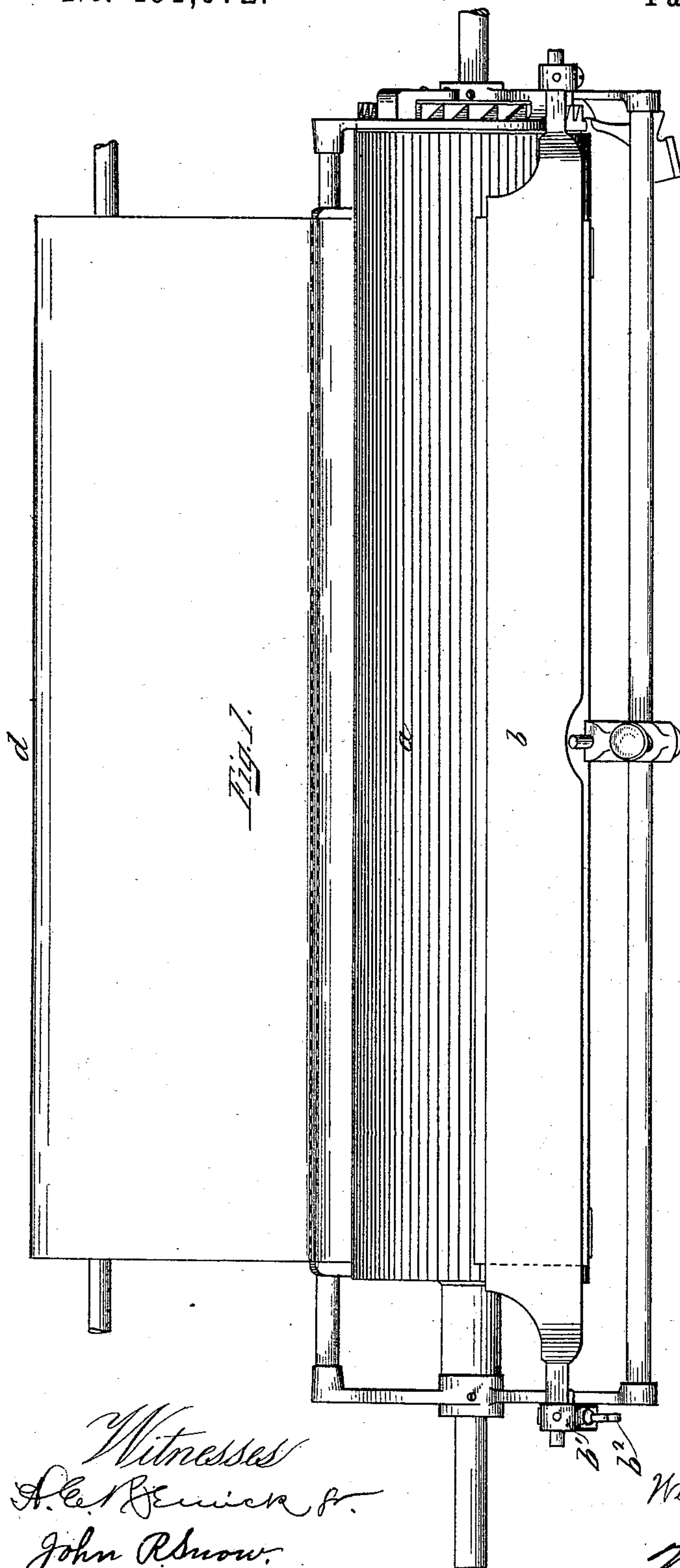


(No Model.)

W. BODENBROWN, Jr.
TYPE WRITING MACHINE.

No. 491,072.

Patented Feb. 7, 1893.



Witnesses
A. C. Benick Jr.
John R. Snow.

Inventor
William Bodembrown Jr.,
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UNITED STATES PATENT OFFICE.

WILLIAM BODENBROWN, JR., OF BOSTON, MASSACHUSETTS.

TYPE-WRITING MACHINE.

SPECIFICATION forming part of Letters Patent No. 491,072, dated February 7, 1893.

Application filed April 22, 1892. Serial No. 430,164. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BODENBROWN, Jr., of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Type-Writing Machines, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a plan view, illustrating my invention; and Fig. 2 is an end view of what is shown in Fig. 1.

My invention consists in the combination of a platen with a straight edge extending lengthwise of the platen with an edge contiguous thereto and means for adjusting the straight edge toward and away from the platen.

In the drawings, *a* is a platen and *b* the straight edge which is mounted in any suitable manner so as to extend lengthwise the platen with one of its edges contiguous to the platen. One way of mounting the straight edge *b* is to provide it with angular arms *b'* and set screws *b²* which pass through the arms *b'* and clamp the straight edge, adjustably, to the journals *a'* of the platen. The adjustability of the straight edge from and toward the platen is a matter of very great importance as the space between the platen and

straight edge, one function of which is to serve as a paper cutter, frequently needs to be increased to permit several thicknesses of paper and transfer sheets being passed between them for manifolding.

My invention is especially applicable in machines which print one paper from a supply reel, but is, of course applicable in machines which print on sheets.

By pulling the paper against that edge of straight edge *b* which is nearest platen *a*, the paper is readily severed.

The straight edge serves not only as a paper cutter but also to keep the paper on the platen.

What I claim is:

In a type-writer, the herein described combination of a platen with a straight edge extending lengthwise the platen with one edge contiguous thereto, and means for adjusting the straight edge toward and away from the platen all substantially as and for the purpose set forth.

WILLIAM BODENBROWN, JR.

Witnesses:

EDWARD S. BEACH,
JOHN R. SNOW.