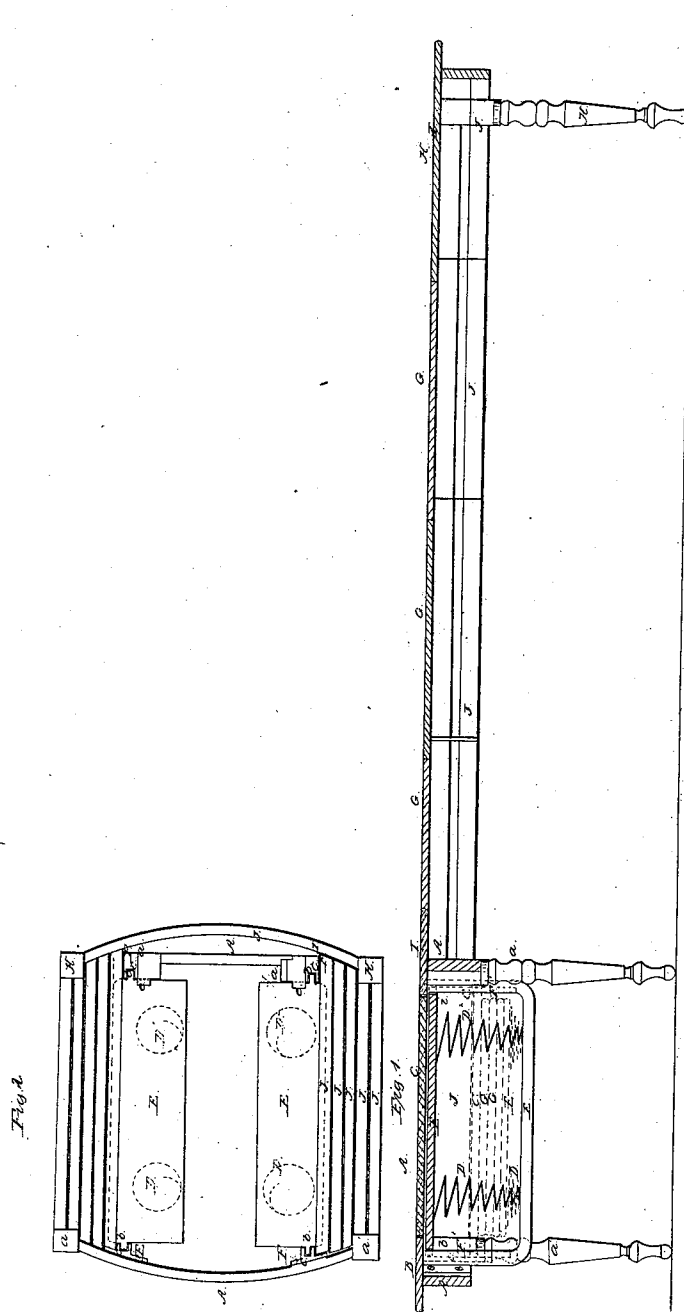


E. A. Curley,

Extension Table,

N^o 14,093,

Patented Jan. 15, 1856.



UNITED STATES PATENT OFFICE.

E. A. CURLEY, OF WESTPORT, CONNECTICUT.

EXTENSION-TABLE.

Specification of Letters Patent No. 14,093, dated January 15, 1856.

To all whom it may concern:

Be it known that I, E. A. CURLEY, of Westport, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Extension Dining-Tables; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1, is a vertical longitudinal section of a table constructed with my improvement. In this view the table is shown by black lines extended, and by red lines folded up. Fig. 2, is a top view of the same—the table being folded up—its top removed.

Similar letters of reference in each of the two figures refer to like parts.

My invention relates to extension dining tables—and its object is to render the table capable after being folded up, of containing, supporting, and securely confining the several additional tops or boards which are employed in extending the table; and thus avoid the necessity of removing them from the table and placing them alongside the wall of the room.

The nature of my said invention consists in having the top of the main or stationary part of the table rest upon, or suspended by springs, and said portion also so constructed that when the loose extension tops or boards are folded upon top of one another, it with said tops or boards shall be capable of being depressed or lowered sufficiently to allow of the last top or board which is attached fast to the extension legs, being brought over them in a manner to complete the top of the main or stationary table and hide from view the extension tops or boards, and also confine them until it is desired again to extend the table.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and operation.

A, represents the main or stationary part of the table. It is provided with four legs a, a, a', a' , and has its top made in two parts, B, C; the part B, being made fast to the legs a', a' , and the part C, loose, and of proper length to play up and down between the legs a', a' .

D, D, D', D², are the springs upon which the part C, rests; those D, D, are united to

D', D², by boards E, E, which are provided with tongues b, b, b, b , which fit in grooves, c, c, c, c , and confine them from moving laterally—but do not interfere with their up and down movements.

F, F, F', F', are the bracket shaped supports for the springs. They are attached to table A, by their vertical ends F', F', and have the springs arranged upon them as shown. The grooves c, c, c, c , for the tongues b, b, b, b , of the sliding boards E, E, are formed in the ends F', F', of the supports, and stops e, e, e, e , are also formed on said ends for preventing the boards, by the action of the springs, being forced up too high—or of the top C, being raised out of a line with the extension tops G, G, G, G, when the table is extended as shown in Fig. 1.

H, is the movable part of the table. It is provided with two legs, and has its top I, made fast to the frame J.

Instead of employing spiral springs as shown, the boards E, E, might be suspended by india rubber springs, said springs being formed by arranging strips of rubber over pulleys placed in the top of the legs or other suitable place—one end of said strips being attached to the boards and the other end to the table frame A. Or the boards might be suspended by cord and weight.

The operation of the table with these improvements is as follows: If the table is extended as shown in black in Fig. 1, and it is desired to fold it up as shown in red, it is only necessary to move the part H, up to A, and in order to do so the extension tops or boards G, G, one after the other, must be placed upon top of each other, in the manner illustrated in red, and, when all the tops have thus been arranged, and the part H, moved sufficiently far to be brought against the stationary part A, the hand is placed upon the loose top C, of A, and said top forced down sufficiently far to allow of all of the extension tops or boards G, being inserted—this being done, pressure is withdrawn from C, and applied to the tops or boards G, G, and they are forced down with C, the proper distance, to allow of the extension frame sliding freely over them, and of the top I of H, being brought to a position to cover them, and complete the top of the main table as illustrated in red in Fig. 1. This being done the top I,

is secured by a catch, and all held secure as long as desired.

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

- 5 Having the top C, of the main or stationary portion A, of the table made loose and arranged upon or suspended by springs, and

to move up and down in guides or ways, substantially as and for the purpose set forth.

E. A. CURLEY.

Witnesses:

MOSES W. WILSON,
JOHN W. TAYLOR.