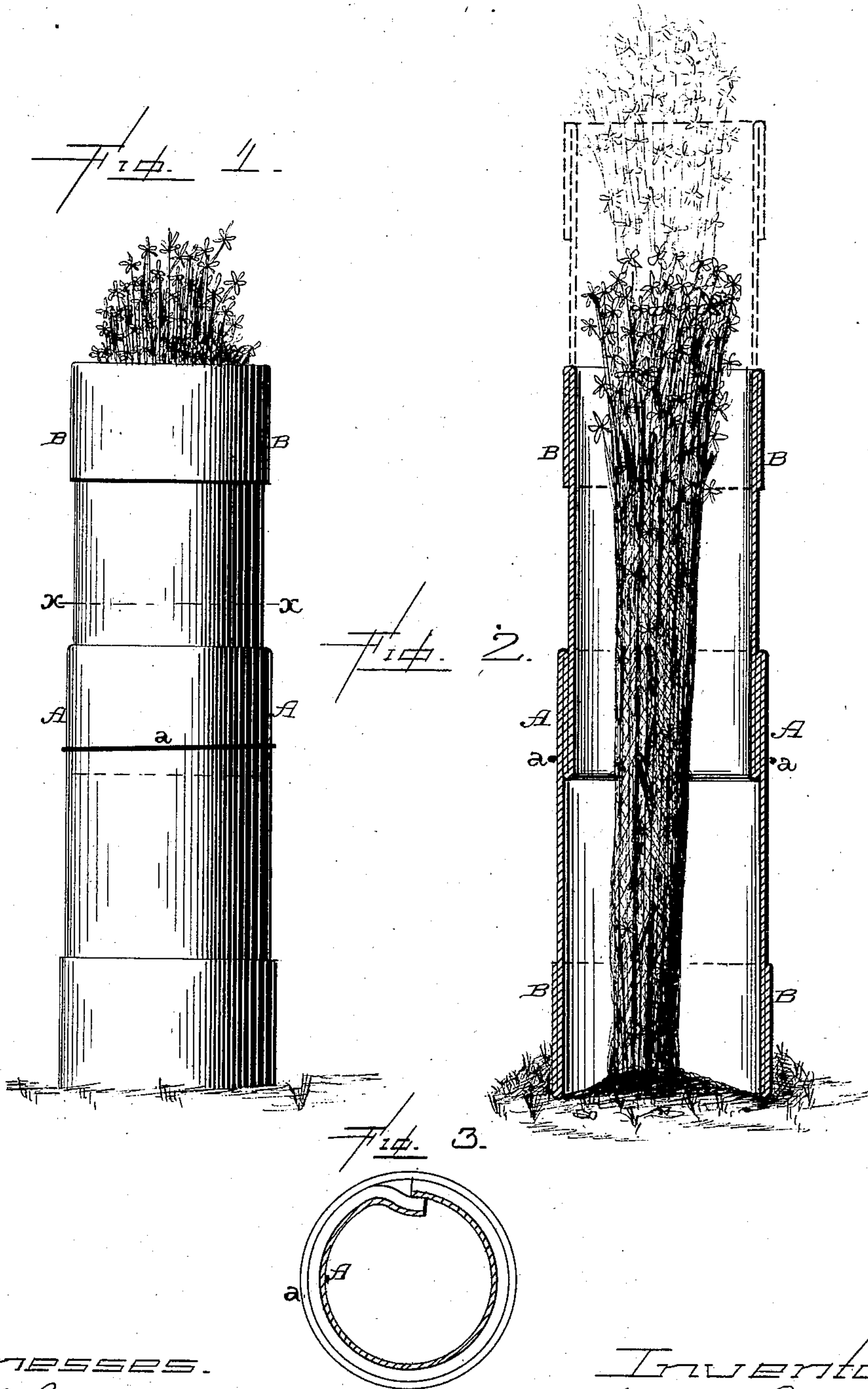


(No Model.)

G. W. RUGG.
CELERY COLLAR.

No. 361,241.

Patented Apr. 12, 1887.



WITNESSES.
L. T. Gardner
A. W. Brecht.

INVENTOR.
Geo. W. Rugg.
per J. A. Lehmann,
att'y.

UNITED STATES PATENT OFFICE.

GEORGE W. RUGG, OF NEWARK, OHIO.

CELERY-COLLAR.

SPECIFICATION forming part of Letters Patent No. 361,241, dated April 12, 1887.

Application filed December 7, 1886. Serial No. 230,945. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. RUGG, of Newark, in the county of Licking and State of Ohio, have invented certain new and useful
5 Improvements in Celery-Collars; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being
10 had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in celery-collars; and it consists in, first, a wrapper which is formed from a piece of paper or
15 other suitable material, and which is folded or doubled at any suitable point between its two ends for the purpose of making the collar extensible after it has been placed around the growing plant; second, a wrapper for bleaching
20 ing celery, which is doubled or folded at any suitable point between its two ends, and which has its ends folded back upon itself, as will be more fully described hereinafter.

The object of my invention is to provide a
25 wrapper for bleaching celery, which is made from paper or any suitable flexible material, and which is doubled or folded at any suitable point between its two ends, so that after the wrapper has been placed around the growing
30 plant it can be extended from time to time, according to the growth of the plant, and thus be made to always surround those portions of the plant which are to be bleached.

Figure 1 is a side elevation of one of the
35 wrappers applied to a growing plant. Fig. 2 is a vertical section of the same, the wrapper being shown extended by dotted lines. Fig. 3 is a horizontal section taken on the line $x x$ of Fig. 1.

40 In making wrappers the paper or other material out of which the wrapper is to be made is folded or doubled, as shown at A, and then the two edges of the paper are folded back upon the wrapper, so as to form the two folds
45 or doubled portions B. These folds in the paper are made in the flat sheet out of which the wrapper is to be formed, and in applying the wrappers to the celery the sheets, folded as above described, are simply wrapped or placed
50 around the growing plants and then held in position by means of a rubber band, a string, or any other suitable fastening, a . The edges

of the piece or sheet of paper are not joined together, but are left free, so that the wrapper can expand more or less with the growth of
55 the plant.

Any suitable device or means may be employed for holding a wrapper around a plant, as this forms no particular part of my invention.
60

The fold or doubled portion A will be made of any desirable width and at any suitable point between the two ends of the wrapper. This fold is for the purpose of making the wrapper extensible when placed around the
65 growing plant.

When the wrapper is first placed around the plant, it is of just such a length as to surround all those portions of the plant which are to be bleached, leaving the tops of the plant to extend above the upper end of the wrapper. As
70 the plant continues to grow this wrapper must be extended in length from time to time to correspond to the growth, and it is for the purpose of enabling the wrapper to be made
75 extensible that the fold or doubled portion A is provided. By catching hold of the upper end of the wrapper and pulling upward this fold or doubled part becomes opened out, and thus extends the length of the wrapper to any
80 desired degree. By means of this construction all necessity of providing a second wrapper to correspond to the increased growth of the plant is entirely avoided, and one wrapper
85 is made to answer every purpose for each plant, thus greatly decreasing not only the cost in the wrappers themselves, but the amount of work which would be necessary to place additional wrappers in position.

Both of the ends of the wrapper are folded
90 back upon the wrapper, as shown, for the purpose of increasing not only the extensibility of the wrapper itself, but of re-enforcing the wrapper at these points and increasing their strength, so that when a strain is brought to
95 bear upon the wrapper for the purpose of opening out the fold A the paper will not tear, as otherwise might be the case. After the fold A has been opened out for the purpose of increasing the length of the tube, the ends can
100 be unfolded, and thus increase the length of the tube from time to time according to the growth of the plant.

By means of the construction above de-

scribed only a single wrapper is needed for each plant, thereby enabling it to be bleached from its roots to the growing tops, and with much less labor than is necessary to be expended upon those wrappers which are made of only a single length when placed upon the growing plant.

Having thus described my invention, I claim—

10 1. A wrapper for bleaching celery, which is formed from paper or other suitable material, and which is provided with a fold or bend between its two ends for the purpose of making the wrapper extensible, substantially as
15 shown.

2. A wrapper for bleaching celery, which is formed from paper or other suitable material, and which is provided with a fold or bend between its two ends, and which has its ends turned or folded back upon itself, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. RUGG.

Witnesses:

A. S. PATTISON,

F. A. LEHMANN.