No. 693,649. Patented Feb. 18, 1902.

B. F. JOHNSON.

COMPARTMENT ENVELOP.

(Application filed Nov. 15, 1901.)

(No Model.)

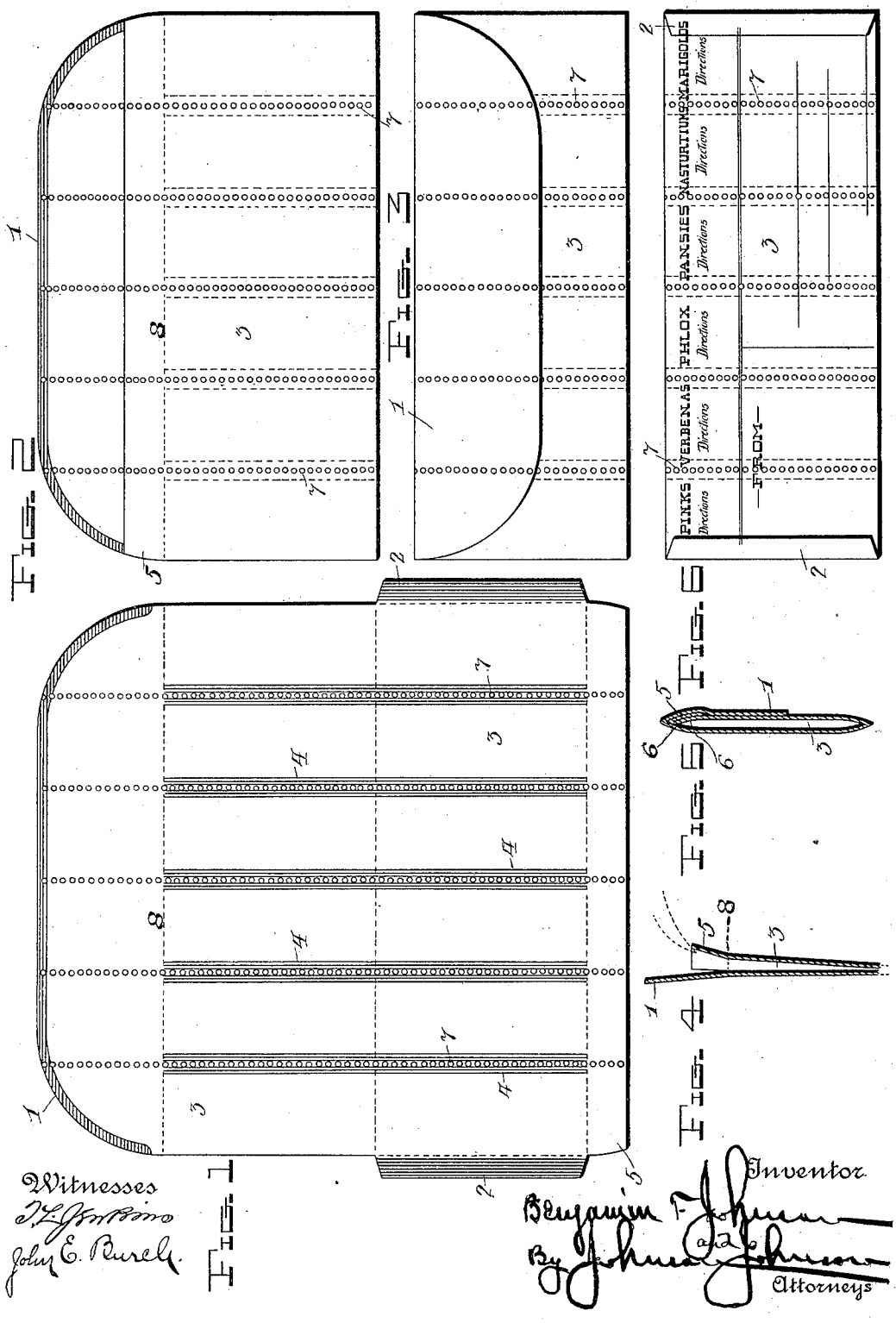


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Witnesses
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UNITED STATES PATENT OFFICE.

BENJAMIN F. JOHNSON, OF RICHMOND, VIRGINIA.

COMPARTMENT-ENVELOP.

SPECIFICATION forming part of Letters Patent No. 693,649, dated February 18, 1902.

Application filed November 15, 1901. Serial No. 82,413. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. JOHNSON, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Compartment-Envelops, of which the following is a specification.

For the trade in seeds I have designed a compartment-envelop; and the precise improvement will be set out in the claim appended hereto, in connection with the accompanying drawings, in which—

Figure 1 shows the blank from which the compartment-envelop is formed. Fig. 2 is the back of the formed envelop, showing its compartments. Fig. 3 shows the back of the closed envelop and the lines of perforations passing through the sealing-flap. Fig. 4 shows in cross-section the envelop and its back pull-tongue as forming a sort of funnel or trough in filling the compartments. Fig. 5 is a cross-section of the sealed envelop, showing the funnel or trough-forming tongue of the back turned down as closing the open end of each compartment. Fig. 6 shows the front of the closed envelop.

The blank may have a length greater than its width, and its back fold is about two-thirds its width, while the front terminates in a sealing-flap 1. At each end the back has a narrow lap 2 2, which is gummed and lapped over each end of the front. At intervals compartments 3 are formed transversely by placing upon the inner side of either or both folds lines of gum 4 just equal to the width of the back, so that pressing the front and back folds together upon the moistened gum lines thereby fastens the folds together to form a compartment between each pair of gummed lines, each compartment opening at the fold of the sealing-flap, which is indicated by the dotted line 8. The back terminates in a free tongue 5 along the open ends of the compartments, which serves to form a sort of hopper or chute in holding and directing the seed of separate and different kinds into each separate compartment. This tongue also serves to close the open ends of the filled compartments when the sealing-flap is closed over it and holds it close against the outer side of the back fold, so that the tongue acts to press upon the doubled edge 6 of the back of each compartment and keep it closed, as in Fig. 5. A line of perforations 7 is made mediately of the width of the gummed line and extends through the front and back folds, through the tongue, and through the sealing-flap as a means of separating any one of the compartments, the tearing being made through the sealing-flap at any part of its length on the lines of its perforations, and when so separated the open end of each compartment or pocket will remain closed at its doubled edge 6.

As shown in Fig. 1, the gummed lines 7 do not cross the pull-tongue 5, and the ends of the latter are not attached to the edges of the front sealing-flap 1, so that the tongue when turned up, as in Figs. 2 and 4, forms a funnel along the sealing-flap from the dotted line 8 and serves as a pull for opening the receiving ends of the compartments along said dotted line 8 to make it convenient in pouring the seed into each compartment as they are being filled. But for this free pull-tongue obviously the receiving ends of the compartments would stand close in against the wall of the sealing-flap and render it difficult to fill them, and it is this provision for forming the funnel along the wall of the sealing flap above the gummed lines which constitutes my improvement. By taking hold and slightly pulling out the tongue mediately of the width of the compartments they will open between the gummed lines. In addition to this funnel-forming function of the tongue it serves the purpose of an outward-folding flap to reinforce the sealing-flap in closing the compartments, as in Fig. 5.

I claim—

An envelop for seeds consisting of front and back folds, gummed lines uniting them into compartments, the front fold having the sealing-flap, the back fold having a pull-tongue standing free from the ends of the gummed lines along the sealing-flap and forming when raised a continuous funnel along the receiving ends of the compartments and when turned down reinforcing the sealing-flap, and lines of perforations bisecting the gummed lines and extending through the pull-tongue and the sealing-flap as shown and described.

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

BENJAMIN F. JOHNSON.

Witnesses:
M. C. ROY,
D. R. WILSON.