

1

3,485,354

## NAIL PACKAGE STRUCTURE

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2 Claims

### ABSTRACT OF THE DISCLOSURE

A nail package is shown which includes a circumferential band adapted to surround a nail assembly a stem substantially centrally disposed within the nail package and surround by the nail assembly and a handle having a pair of spaced lateral portions. Each of the lateral portions terminates in a tab and the circumferential band has a complementary cut-out portion within which each tab is retained. The handle is adapted to overlie the nail assembly.

This invention relates to a nail package which is particularly useful in holding a nail assembly which is described in the co-pending application of I. Walton Bader, Ser. No. 616,746, filed Jan. 23, 1967, and now abandoned.

Nail assemblies are generally designed to be placed within the magazine of a fastener driving device. The nails composing the assembly are sequentially passed beneath a driver blade which severs the nails successively from the assembly and drives them into work.

Shipping of such nail assemblies presents a problem and therefore a container is required to aid in such shipment. The container of this invention is simple and inexpensive to manufacture and yet supports the nail assembly in proper relationship for shipment. In addition the container permits the entire nail assembly to be lifted by the handle portion thereof, disposed within the magazine of the fastener driving device, and then the container can be removed simply and easily.

The above constitutes a brief description of this invention and some of the objects and advantages thereof. Other objects and advantages of this invention will become apparent to the reader of this specification as the description proceeds.

The invention will be further described in reference to the accompanying drawings that are made a part of this specification.

FIG. 1 is an isometric view of a nail package made in accordance with this invention. In this view the nails contained therein are not shown for clarity of illustration.

FIG. 2 is a plan view of the structure shown in FIG. 1.

FIG. 3 is a side view of the nail package of this invention. In this view the nails contained within the package are shown in phantom lines.

FIG. 4 is a front view of the structure shown in FIG. 3.

FIG. 5 is a plan view of the circumferential holding member of the nail package of this invention.

FIG. 6 is a plan view of the handle portion of the nail package of this invention.

FIG. 7 is a cross-sectional view of the structure shown in FIG. 4. In this figure the nails are shown in full lines for clarity of illustration.

A detailed description of this invention will now be given by reference to the specific form thereof as shown in the accompanying drawings. In this connection, however, the reader is cautioned to note that the specific

2

form of this invention as shown herein is for illustrative purposes and for purposes of example only. Various changes and modifications could obviously be made within the spirit and scope of this invention.

A nail assembly 11, which is to be carried by the package 12 of this invention, preferably consists of a plurality of nails 13 which are joined to one another by one or more joining members.

A circumferential holding member 16 surrounds the stem portion of the nails. Member 16 is provided with a plurality of cut-out portions 17.

Surrounding the interior of the nail assembly is a circular stem 18.

A handle portion 19 includes a pair of spaced lateral portions 20 and 21 each of which terminates in a tab 22. The tabs 22 are retained within the cut-out portions of the circumferential holding member.

In operation the nail assembly 11 is procured which has been made by various methods. The stem member 18 is disposed within the assembly as shown in FIG. 7. The circumferential holding member 16 is then placed about the assembly as shown in FIGS. 4 and 7. The handle 19 is then secured to the circumferential holding member by locking tabs 22 into recesses 17.

The complete nail and package assembly is then shipped to a user. The user disposes the package into an open magazine of a nail driving machine. The user then removes handle 19 from member 16 by unlocking tabs 22 and then removes holding member 16 from nails 13. The magazine is then closed and the machine operated. After the nails have been completely driven the stem 18 is removed from the magazine.

The foregoing sets forth the manner in which the objects of this invention are achieved.

I claim:

1. A nail package structure comprising a circumferential holding member provided with a plurality of lateral recesses adjacent the bottom thereof, a nail assembly embraceably retained by said holding member, a stem member substantially centrally disposed within said package and surrounded by said nail assembly, and a flexible handle member adapted to partially overlie said nail assembly and having a pair of outwardly extending end portions, each of said end portions being adapted to be retained within one of said lateral recesses.

2. A nail assembly as described in claim 1 said lateral recesses being portions cut out of the bottom of said holding member and said outwardly extending end portions being tabs.

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