July 24, 1923. 1,463,098

F. M. SNYDER

DETACHABLE FOOT FOR WIRE TRAYS

Original Filed April 25, 1921

Fig. 1.

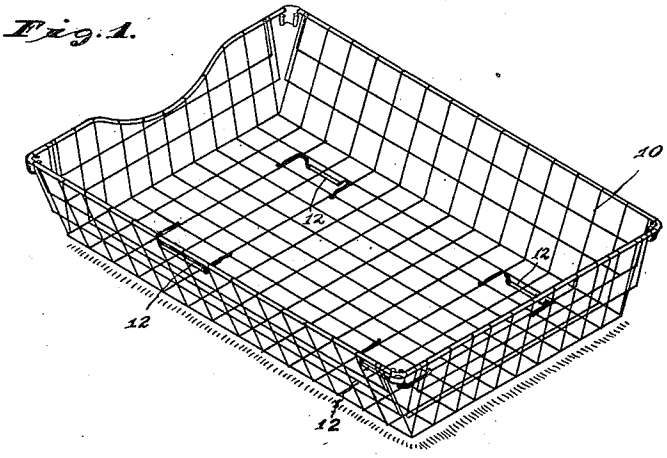


Fig. 2.

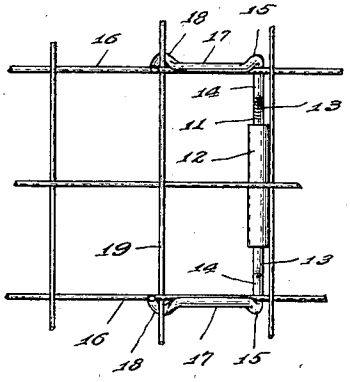
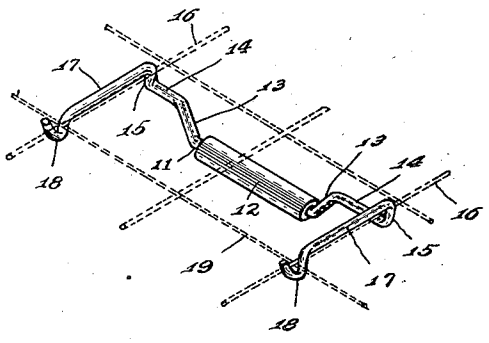


Fig. 3.



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UNITED STATES PATENT OFFICE.

FRANK M. SNYDER, OF LAFAYETTE, INDIANA, ASSIGNOR TO THE PEERLESS WIRE GOODS COMPANY, OF LAFAYETTE, INDIANA, A CORPORATION OF INDIANA.

DETACHABLE FOOT FOR WIRE TRAYS.

Application filed April 25, 1921, Serial No. 464,475. Renewed June 9, 1923.

To all whom it may concern:

Be it known that I, FRANK M. SNYDER, a citizen of the United States, residing at Lafayette, in the county of Tippecanoe and State of Indiana, have invented a new and useful Detachable Foot for Wire Trays, of which the following is a specification.

It is the object of my invention to provide a simple, inexpensive and easily handled detachable foot, which may be rubber covered, for the ordinary wire desk tray.

The accompanying drawing illustrates my invention. Fig. 1 is a perspective view of a wire tray equipped with detachable feet in accordance with my invention; Fig. 2 is a plan view of such a detachable foot attached to a fragment of a wire tray; and Fig. 3 is a perspective view of such a detachable foot, showing in dotted lines a fragment of the cooperating portion of the wire tray.

The wire tray 10 is any ordinary wire tray, commonly used on desks. It is to keep this tray from scratching the desk, and for other reasons, that I provide the detachable feet which are the subject of this invention, a tray having ordinarily four such feet, as illustrated in Fig. 1. Each of these detachable feet consists of a wire having an intermediate portion 11 covered with a short piece of rubber tubing 12 and off-set downward from the tray bottom; two pieces 13 projecting obliquely upward from the ends of the intermediate portion 11; two alined portions 14 parallel to the intermediate portion 11 and projecting outward; two hook portions 15 at the outer ends of the portions 14, these two hook portions being properly spaced apart so that the parts between them must be sprung slightly to get them over two parallel wires 16 of the tray bottom, which wires as shown have one similar wire in between them though this is not at all essential; two transverse portions 17 projecting from the ends of the hook portions 15 at right angles to the alined portions 14 and arranged to overlie the two wires 16 which are clasped by the hook portions 15; and two upwardly open hooks 18 at the free ends of the transverse portions 17, which open hooks 18 are arranged to pass beneath a tray-bottom wire 19 transverse to the wires 16.

To apply the foot to a tray, one of the hook portions 15 is hooked around a wire 16 so that the corresponding transverse portion 17 lies above and close to such wires 16 and the corresponding hook 18 hooks beneath a wire 19; and then the other hook 15 is sprung over another wire 16 to bring its associated transverse portions 17 and hook 18 into similar relation to such wires 16 and the wire 19. To detach the hook the operation is reversed.

The detachable foot is thus easily attached and detached, and when it is in place it is rigid with respect to the tray and is not readily detached accidentally.

I claim as my invention:

1. A detachable foot for wire trays, comprising a wire having an intermediate portion, end portions connected to the ends of the intermediate portion and provided with hooks arranged to hook upon two parallel wires of a tray bottom, and transverse portions extending from the ends of said end portions transversely thereto and provided at their ends with hooks arranged to hook upon a wire of said tray bottom transverse to the first-named wires thereof.

2. A detachable foot for wire trays, comprising a wire having an intermediate portion, end portions connected to the ends of the intermediate portion and provided with hooks arranged to hook upon two parallel wires of a tray bottom, and a transverse portion extending from the end of an end portion transversely thereto and provided at its end with a hook adapted to hook upon a tray-bottom wire transverse to the first-named tray-bottom wires.

3. A detachable foot for wire trays, comprising a wire having a downwardly offset intermediate portion, end portions connected to the ends of the intermediate portion and provided with hooks arranged to hook upon two parallel wires of a tray bottom, and a transverse portion extending from the end of an end portion transversely thereto and provided at its end with a hook adapted to hook upon a tray-bottom wire transverse to the first-named tray-bottom wires.

4. A detachable foot for wire trays, comprising a wire having an intermediate portion, a rubber tube surrounding said intermediate portion, end portions connected to the ends of the intermediate portion and provided with hooks arranged to hook upon two parallel wires of a tray bottom, and a

transverse portion extending from the end of an end portion transversely thereto and provided at its end with a hook adapted to hook upon a tray-bottom wire transverse to the first-named tray-bottom wires.

5. A detachable foot for wire trays, comprising a wire having an intermediate portion, end portions connected to the ends of the intermediate portion and provided with hooks arranged to hook upon two parallel wires of a tray bottom, and a transverse portion extending from the end of an end portion transversely thereto and provided at its end with an upwardly open hook adapted to hook beneath a tray-bottom wire transverse to the first-named tray-bottom wires.

In witness whereof, I have hereunto set my hand at Lafayette, Indiana, this 19th day of April, A. D. one thousand nine hundred and twenty-one.

FRANK M. SNYDER.