To all whom it may concern:

Be it known that I, Pasquale Cagnino, a citizen of the United States, residing in the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Drip Devices for Sewing-Machines, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it pertains to make, construct, and use the same, reference being had to the accompanying drawings, and to characters of reference marked thereon, forming a part of this specification.

This invention relates to new and useful improvements in an oil drip device for sewing machines, the object being to provide a simple, inexpensive contrivance of a drip box and attachments, to be held beneath the table of the sewing machine or other machine, to save the oil which drops from the working parts of the machine.

The invention consists in an oil drip pan provided with a box, preferably closed, said box being perforated and provided with an oil absorbing material, preferably of circular form, and designed to fit said box, one end of the absorbing device passing into a pipe connected with the box, through which the oil may flow into a receptacle.

These objects I perform in the preferred embodiment of my invention, which I have illustrated in the accompanying drawings, to which reference is had, and in which, similar reference characters indicate corresponding parts in the several views.

Fig. 1 represents a side elevation of a machine containing my improved device.

Fig. 2 represents a plan view of the same, detached from the machine.

Fig. 3 represents a longitudinal section taken on line A—A of Fig. 2; and

Fig. 4 represents the oil absorbing material removed from the box.

In the drawings; 1 represents a sewing machine; 2 the table, and 3 a casing of ordinary construction. Conveniently located in said casing is a drip pan 4, to receive the oil which drips from the working parts of the machine. Located in said drip pan 4 is a receptacle 5, preferably provided with a lid 6, the bottom and sides of said receptacle 5 being perforated, and located within said receptacle 5 is the oil absorbing material 7, which in its preferred form, consists of a piece of loosely wound rope, formed into a circular mat, as clearly indicated in Fig. 3 of the drawings, one end of the rope passing through the pipe 8, which is connected to the receptacle 5 and which passes through the wall of the drip pan 4 and connects with a reservoir 9. The drip pan 4, the receptacle 5, and the oil absorbing material 7, may have any size and shape required by the particular construction of the sewing machine, or other machine, to which it is applied.

The device is extremely simple, and in use, will effect a saving of oil which is usually wasted by wiping it into clothes or the like, and where a large number of machines are in use, the saving of oil will be considerable; and with the use of my improvement, the goods being sewed will be less liable to be soiled by the oil overflowing from the machine drip pan.

The object of placing the rope in the receptacle 5 is to keep it free from dirt, dust and the like, and the object of providing the sides and bottom of said receptacle 5 with perforations, is to permit the oil, by capillary attraction, to be absorbed by the rope and to be filtered thereby before reaching the reservoir 8, in order that the oil can be used over and over again. During the passage of the oil through the rope, it is filtered of its impurities, and the oil, when it reaches the reservoir, is again ready for lubrication purposes.

Experience has demonstrated that the organization above described, is a highly efficient one, and while the device described is the preferred embodiment of my present invention, I do not care to restrict myself to the exact details of construction, combination and arrangement herein set forth, it being obvious that minor variations thereof, not involving the exercise of invention, may be made by any skilled mechanic, and such departures from what is herein described and claimed, not involving invention, I consider within the scope and terms of my claims.

Having thus described my invention, what I desire to claim and secure by Letters Patent is:

1. A drip device for sewing or other machines, comprising a drip pan, a perforated
receptacle located in said drip pan and an oil absorbing material located in said receptacle.

2. A drip device for sewing or other machines, comprising a drip pan, a reservoir connected with said drip pan, a perforated receptacle located in said drip pan, a pipe fitted to the receptacle and leading to the reservoir, an oil absorbing material formed into a circular mat, located in said receptacle, one end of said oil absorbing material leading into the pipe connecting said receptacle with the reservoir.

This specification signed and witnessed this twenty-first day of September, 1917.

PASQUALINO CAGNINO.

Witnesses:

DOMINICK M. ACOCELLA,
FREDK. C. FISCHER.