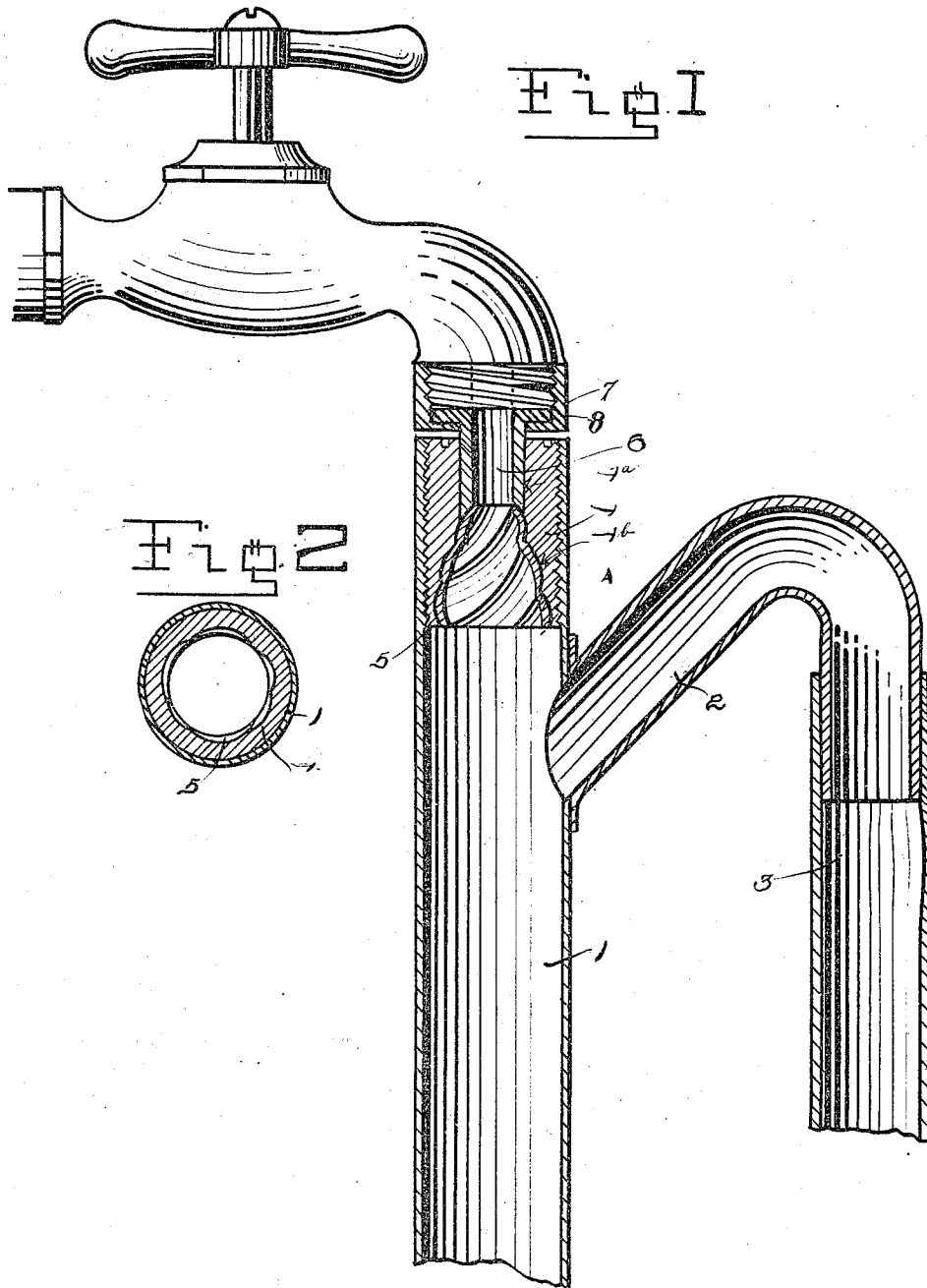


B. W. JUNK.
 APPARATUS FOR VACUUM CLEANERS.
 APPLICATION FILED OCT. 15, 1910.

995,969.

Patented June 20, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

BEECHER, W. JUNK, OF TOLEDO, OHIO.

APPARATUS FOR VACUUM-CLEANERS.

995,969.

Specification of Letters Patent. Patented June 20, 1911.

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To all whom it may concern:

Be it known that I, BEECHER W. JUNK, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Apparatus for Vacuum-Cleaners, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a device for causing an air suction through a cleaning apparatus, and the main object of the same is to produce a device which can be attached to a water spigot so as to use the water to cause a suction.

This invention is illustrated in the accompanying drawing wherein:

Figure 1 is a longitudinal sectional view of the attachment and shows same applied to a water spigot. Fig. 2 is a transverse sectional view along the line A—A in Fig. 1, looking down.

In the accompanying drawing the numeral 1 indicates a tube which is preferably formed of metal and has leading therefrom a second angular tube to which a flexible pipe 3 is attached. The upper end of the tube is internally threaded and has fitted therein a core 4 which is provided with a central opening 4^a the lower portion thereof being enlarged and provided with spiral grooves as shown by 4^b. A spiral sleeve 5 which is provided with a tubular extension 6 is threaded within the portion 4^b of the central opening of the core and has its upper end extending through the portion 4^a. A threaded collar 7 is placed upon the end of the portion 6 and is rotatably held thereon by means of a flange 8 formed upon the outer end of the tube 6. This collar is similar to the collars used on a hose to attach the same to a spigot.

The operation of the device is as follows: The collar 7 is screwed upon the end of a spigot and a suction cleaner is attached to the end of the flexible hose 3 and the water turned on. When the water passes through

the tube 6 it strikes the spiral sleeve 7 which causes the water to have a whirling motion as it passes through the pipe 1. This causes an air suction through the pipe tube and hose 3 which operates any desired type of vacuum cleaner. It should be noted that the pipe 2 is at an upward angle so as to prevent any danger of the water getting into the same.

If desired the hose may be used for cleaning without attaching the same to a cleaning machine by placing the end of the hose against the article to be cleaned, thus causing any dust or dirt to be sucked out of the article and through the hose.

What I claim is:—

1. A device of the character described comprising a main pipe, a supplemental pipe leading therefrom, a core threaded into the upper end of said pipe and provided with a central opening, a spiral sleeve fitted within said opening and projecting beyond the other end of said core, and a threaded sleeve for securing said device to a water spigot.

2. A device of the character described comprising a main pipe, a supplemental pipe, a core held within said main pipe, a spiral sleeve held within said core, and means for connecting said sleeve with a source of fluid supply.

3. A device of the character described comprising a main pipe, a supplemental pipe, a core removably held within said main pipe, said core provided with a central opening terminating at its inner end in an enlarged spiral opening, a spiral sleeve fitting within said spiral opening and provided with a tubular extension passing through said central opening, and a means secured to the outer end of said tubular extension for securing said device to a spigot.

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

BEECHER W. JUNK.

Witnesses:

F. E. MAGILL,

CHS. E. TRUMFFAVER.