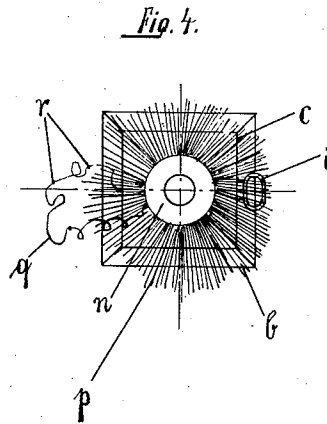
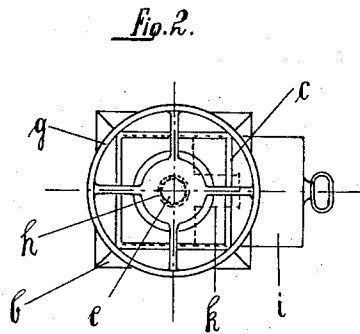
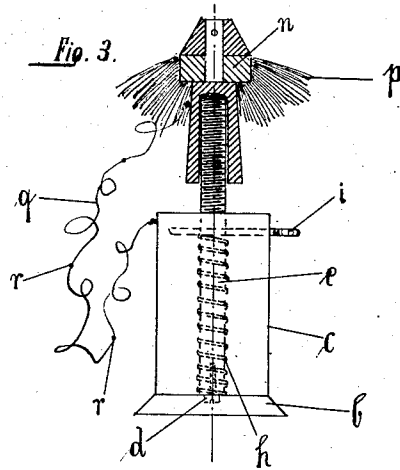
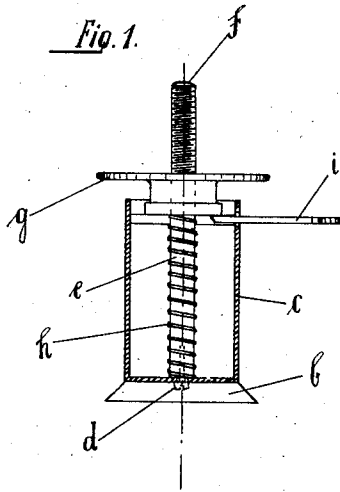


OSWALD LÄTZSCH & OTTO LÄTZSCH.  
 APPARATUS FOR SWEEPING CHIMNEYS.  
 APPLICATION FILED JUNE 20, 1912.

1,054,924.

Patented Mar. 4, 1913.



Witnesses:  
 Louis Weisbach  
 Charles Smith

Inventors:  
 Oswald Lätzsch  
 Otto Lätzsch  
 by F. W. M. M. M.

# UNITED STATES PATENT OFFICE.

OSWALD LÄTZSCH, OF ZSCHERNITZSCH, AND OTTO LÄTZSCH, OF LINDENTHAL,  
GERMANY.

APPARATUS FOR SWEEPING CHIMNEYS.

1,054,924.

Specification of Letters Patent.

Patented Mar. 4, 1913.

Application filed June 20, 1912. Serial No. 704,818.

*To all whom it may concern:*

Be it known that we, OSWALD LÄTZSCH, a subject of the Duke of Saxe-Altenburg, residing at Zschernitzsch, in the Duke-  
dom of Saxe-Altenburg, Germany, and  
OTTO LÄTZSCH, a subject of the King of Saxony, residing at Lindenthal, in the King-  
dom of Saxony, Germany, have invented  
certain new and useful Improvements in  
Apparatus for Sweeping Chimneys, of  
which the following is a specification.

This invention relates to an apparatus  
for sweeping chimneys of that type in  
which the sweeping body proper is thrown  
up in the chimney by the detention of a  
spring so that when it comes down again  
the soot is scraped off the walls.

In the accompanying drawings the inven-  
tion is shown by way of example.

Figure 1 is a longitudinal section of the cas-  
ing for the spring. Fig. 2 is a plan view  
of Fig. 1. Fig. 3 shows the casing with the  
spring in elevation and the sweeping body  
proper in section. Fig. 4 is a plan view of  
Fig. 3.

The casing for the spring consists of a  
rectangular foot *b* which corresponds in size  
with the inner width of the chimney and  
further of a rectangular casing *c* mounted  
upon said foot. In the casing *c* an iron rod  
*e* is fixed upon the bottom of the casing by  
means of a nut *d*. The upper end *f* of the  
rod *e* is threaded and a hand wheel *g* is  
screwed upon this threaded part which  
serves for compressing the spiral spring *h*.  
In the casing *c* a slide *i* is arranged which,  
after the hand wheel has been screwed down  
to the upper edge of the slide, is pushed into  
the casing *c* in order to maintain the spring  
*h* compressed, whereupon the hand wheel *g*  
is screwed off the iron rod *e*. The slide *i*  
has a slot *k* the inner width of which corre-

sponds to the diameter of the iron rod *e*.  
The slide *i* is guided in grooves *l* and *m* of  
the front and back walls of the casing *c*.  
After the removal of the hand wheel the  
sweeping body *n* (Fig. 3) is loosely placed  
upon the iron rod *e* so that when the slide  
is pulled out of the casing the spring dis-  
tends and throws the sweeping body *n* up  
in the chimney. When the sweeping body  
*n* comes down its bristles *p* rub along the  
walls of the chimney and scrape off the soot.

The upward movement of the sweeping  
body proper is limited by a rope *q* fixed  
with one end to said sweeping body and by  
one of a certain number of eyes *r* to the  
casing *c*. The eyes *r* bear inscriptions in-  
dicating the height of the throw of the  
sweeping body proper.

We claim:—

An apparatus for sweeping chimneys com-  
prising in combination a casing having  
guide grooves in the inner surfaces of the  
front and rear wall, a slide guided in said  
grooves, a rod vertically fixed in the bottom  
of said casing, and having an upper thread-  
ed part, a spiral spring surrounding the  
lower end of said rod, said slide having en-  
gagement with said rod when in inward po-  
sition to hold said spring compressed, and  
a brush having outwardly extending fiber  
and a bore loosely fitting over the top of  
said rod, in position to be projected up-  
ward by said spring when it is released,  
substantially as described and shown and  
for the purpose set forth.

In witness whereof we have hereunto set  
our hands in the presence of two witnesses.

OSWALD LÄTZSCH.  
OTTO LÄTZSCH.

Witnesses:

PAUL HANSCHKE,  
RUDOLPH FRICKE.