

J. C. LEISTNER.

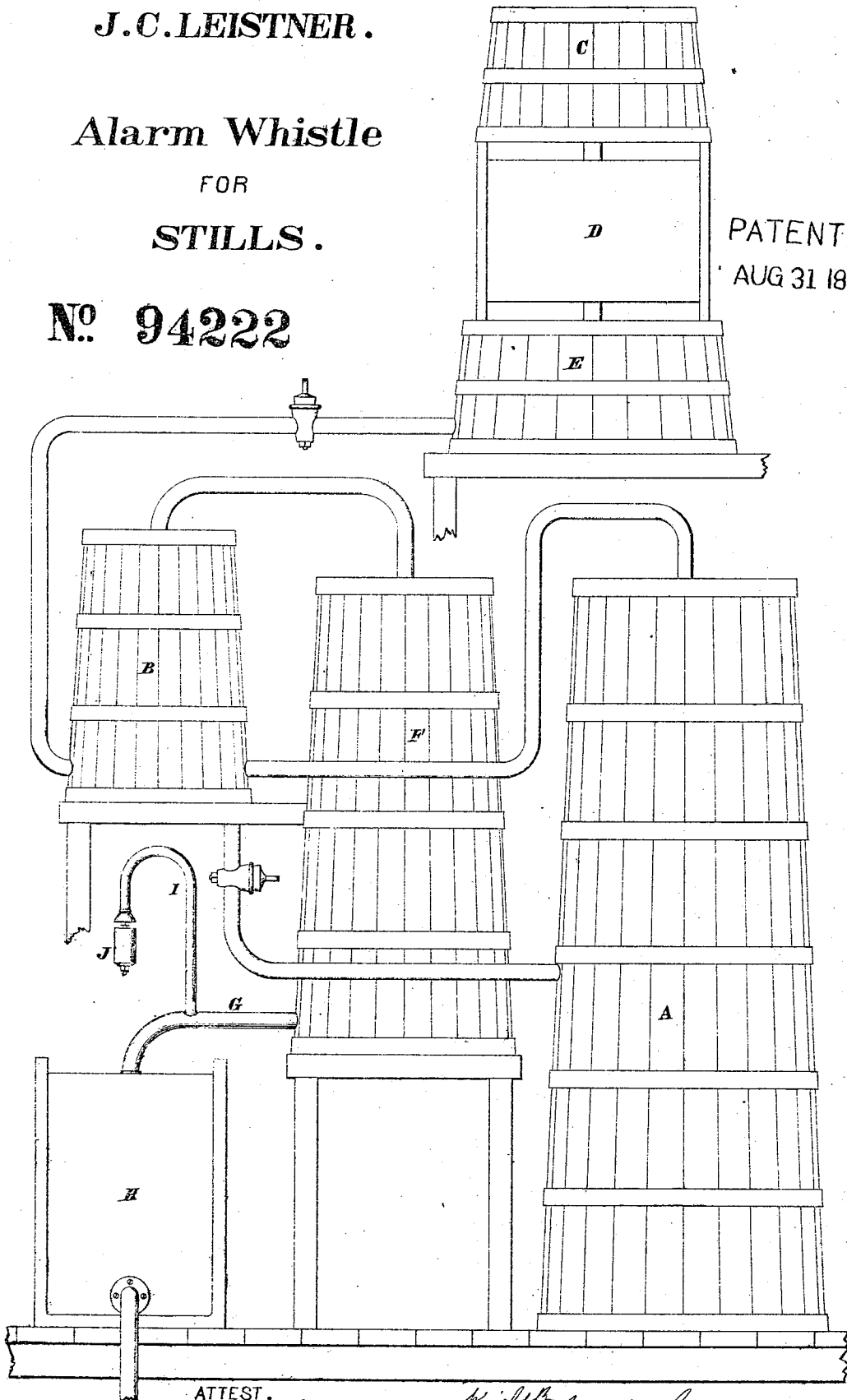
Alarm Whistle

FOR

STILLS.

No. 94222

PATENTED
AUG 31 1869



ATTEST.
Geo. H. Layman,
Saml Wright

Knights Bros
Atty for J. C. Leistner

United States Patent Office.

JOHN C. LEISTNER, OF CINCINNATI, OHIO.

Letters Patent No. 94,222, dated August 31, 1869.

IMPROVED ALARM-ATTACHMENT FOR STILLS.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, JOHN C. LEISTNER, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Distilleries; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

My improvement consists in the application of an alarm-whistle to the tail-pipe of a distillery-worm, so as to give notice of the instant that the high-wine vapor begins to come over from the flake-stand.

The accompanying drawing is an elevation of a distilling-apparatus, provided with my improvement.

A is the still.

B, the doubler.

C, the low-wine tub.

D, the "credit" or low-wine meter.

E, the low-wine receiver.

F, the flake-stand or worm-tub.

G, the tail of the worm, leading into the "debit" or high-wine meter H.

The parts above described may be of the represented or any approved construction, and require no specific description.

In order to avoid the accumulation of high-wine in the worm, with the consequent danger of bursting the

pipe, or of driving the distilled vapor back into the low-wine vessels, I connect to the top of the tail-pipe G, a siphon, I, which terminates in a whistle, J, which, the moment that high-wine begins to pass over, gives, by its sound, warning of the fact, and thus enables the attendant to open and close the proper cocks, and thus save both the pure spirit, and guard the apparatus from danger of explosion; and it also, by keeping all the parts duly open at the proper time, prevents the settling and freezing of the contents of the tail-pipe in cold weather.

My whistle is also useful by indicating an excess of steam in the still, which excess is liable to waste spirit by pushing the distillation to a speed beyond which it can be properly and fully condensed, and should the tail-pipe become frozen between the heats, the silence of the whistle is certain indication of the fact.

I claim herein as new, and of my invention—

The provision of the alarm-whistle J to the tail-pipe of a still-worm, for the purposes designated.

In testimony of which invention, I hereunto set my hand,

JOHN C. LEISTNER.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.