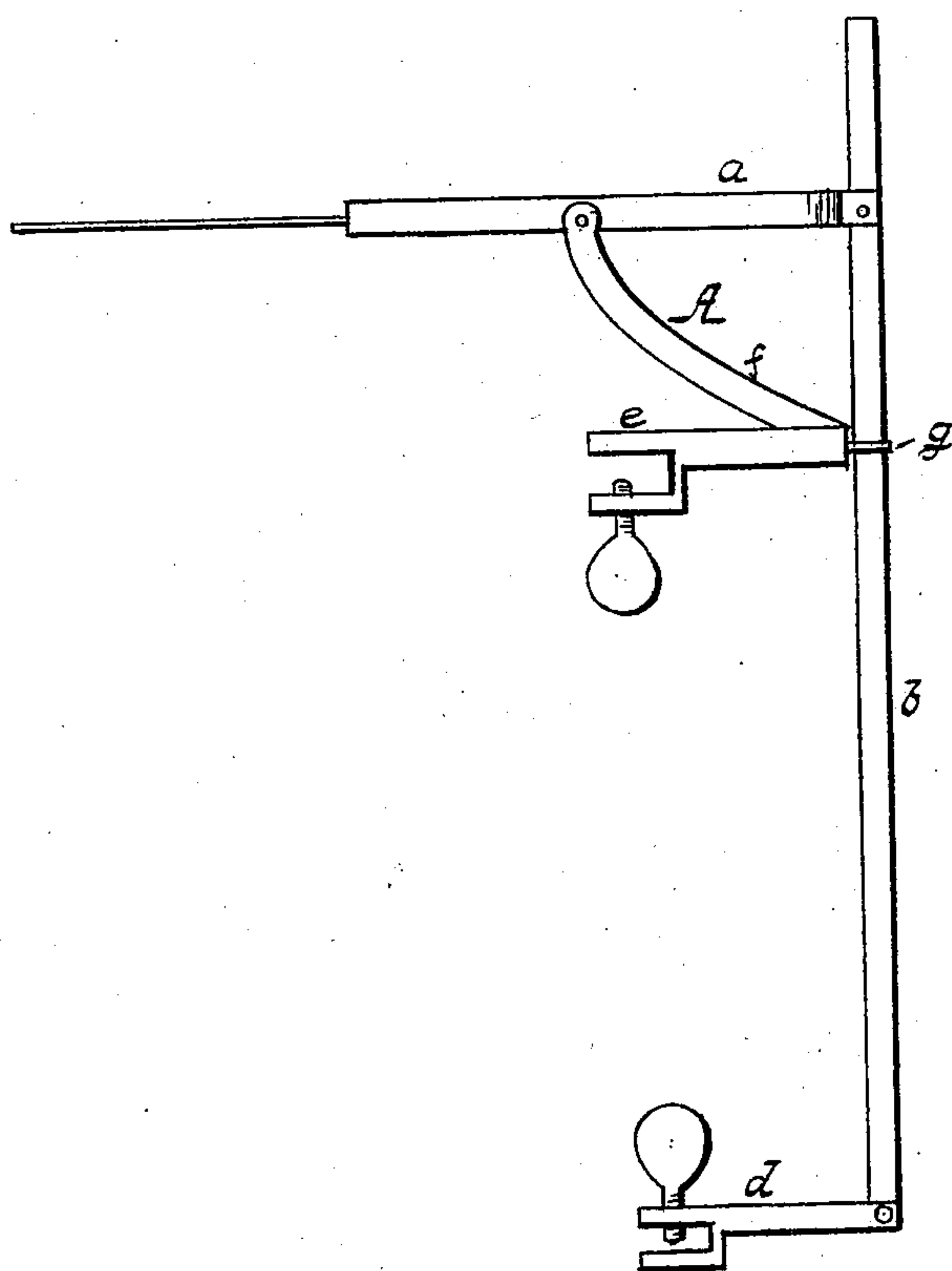


J. W. FACKLER.
Sewing-Machine Fan-Attachment.

No. 209,116.

Patented Oct. 22, 1878.



Attest.

E. A. Welsh.

J. Benjamin

Inventor

J. W. Fackler

by his Attorney

C. E. Foster

UNITED STATES PATENT OFFICE.

JAMES W. FACKLER, OF LUMPKIN, GEORGIA.

IMPROVEMENT IN SEWING-MACHINE FAN ATTACHMENTS.

Specification forming part of Letters Patent No. **209,116**, dated October 22, 1878; application filed February 21, 1878.

To all whom it may concern:

Be it known that I, JAMES W. FACKLER, of Lumpkin, Stewart county, Georgia, have invented an Improvement in Fan Attachments for Sewing-Machines, of which the following is a specification:

My invention relates to that class of fans adapted to and operated by sewing-machines; and consists of certain devices, fully described hereinafter, whereby ready adaptation to the machine and a positive motion of the fan without the aid of springs are secured.

The drawing illustrates, in elevation, my improved device, consisting of a bracket, *A*, lever *a*, rod *b*, and clamp-lever *d*. The bracket *A* has a clamp, *e*, whereby it may be secured to the top of the machine at the rear edge, and an arm, *f*, projecting upward and forward, and supporting the pivoted lever *a*. The fan is secured to the forward end of the lever and the rod *b* is pivoted to the rear end, and to the lower end of the rod is pivoted the outer end of the clamp-lever *d*, the rod extending through and being guided by an eye, *g*, at the rear of the bracket.

The lever *d* is adapted to be clamped to the

treadle of the machine, or, if necessary, a supplementary treadle may be applied to the treadle-rod. In either case the movement of the treadle vibrates the fan with a positive motion without the use of springs, which are unreliable and apt to become weakened and useless.

The simplicity of the above-described devices permits of ready and inexpensive manufacture, and the construction is such that application to machines of any style or size may be secured without any other change than in the length of the rod *b*, which may be made in two parts to secure adjustment in this respect.

I claim—

A fan device for sewing-machines consisting of the bracket *A*, its clamp, arm *f*, the lever *a*, rod *b*, and clamp-lever *d*, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES WILLIAM FACKLER.

Witnesses:

R. S. DASHIELL,
M. C. DIXON.