

No. 669,207.

Patented Mar. 5, 1901.

C. A. G. PRITCHARD.
GRAPHOPHONE RECORD SHAVER.

(Application filed Apr. 9, 1900.)

(No Model.)

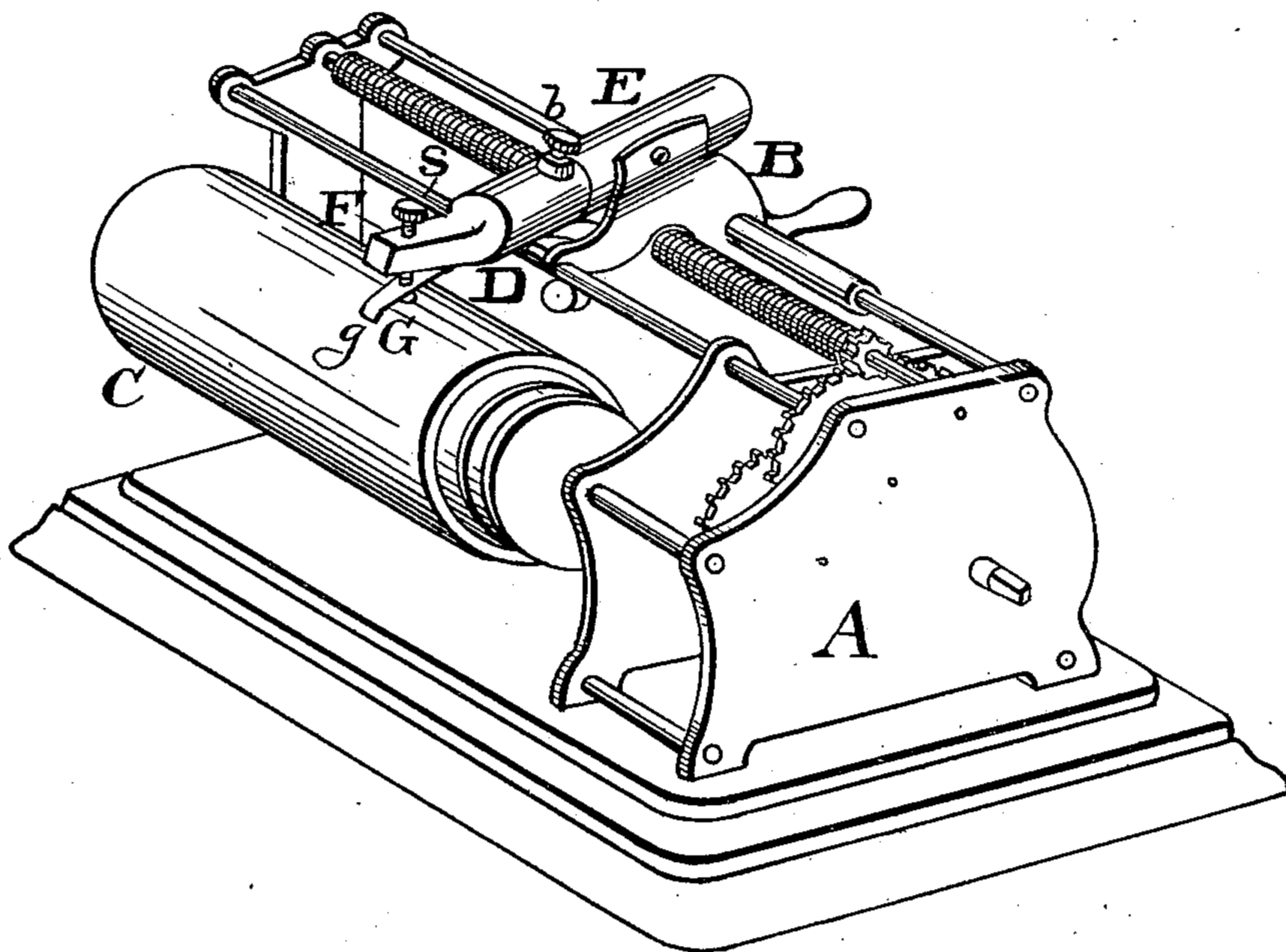


Fig. 1.

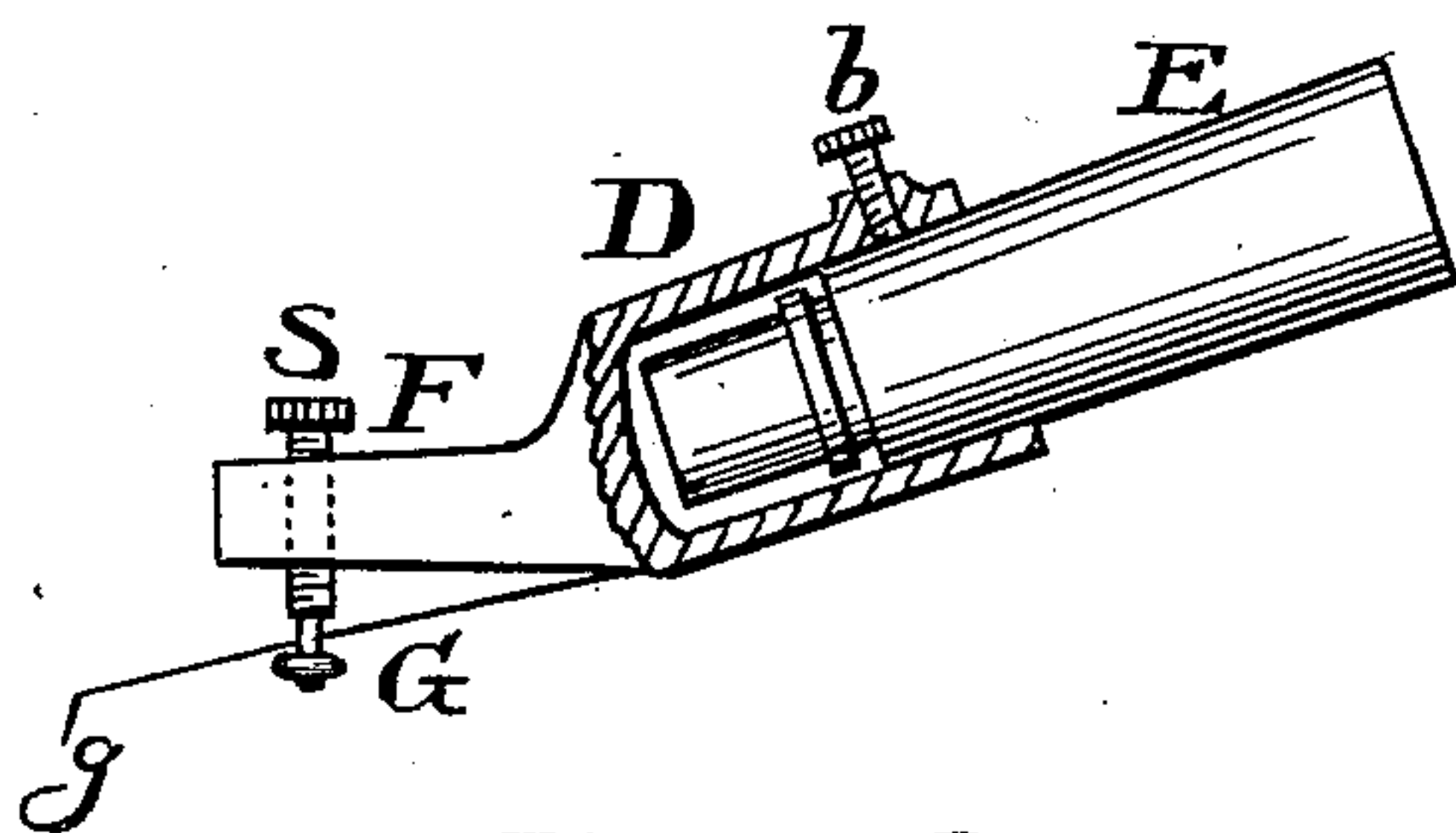


Fig. 2.

Witnesses,

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Inventor,

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per Geo. H. Tibbitts,

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UNITED STATES PATENT OFFICE.

CHARLES A. G. PRITCHARD, OF CLEVELAND, OHIO.

GRAPHOPHONE-RECORD SHAVER.

SPECIFICATION forming part of Letters Patent No. 669,207, dated March 5, 1901.

Application filed April 9, 1900. Serial No. 12,221. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. G. PRITCHARD, a citizen of the United States of America, and a resident of the city of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Graphophone-Record Shavers, of which the following is a specification.

This invention relates to an attachment to graphophones for shaving record-cylinders; and it consists in the new construction and adaptation of a cutting-tool attachable to the carriage in place of the reproducer or recorder, whereby the wax on the cylinder is delicately and smoothly shaved off, leaving the surface in excellent condition for again recording.

The object of the invention is to provide a cheap and simple device by which the owner of a graphophone may obliterate the record from a cylinder and use it again for recording. This device is applicable to small graphophones as well as large ones and only removes but about the thousandth part of an inch of the wax and is therefore very economical in its operation.

In the accompanying drawings, Figure 1 is a perspective view of a graphophone having my new shaving device attached. Fig. 2 is a detached side view, partly in section, of my new shaving device.

A represents the working parts of a graphophone.

B is the carriage, and C is a record-cylinder.

D is a cutting-tool holder consisting of a cap which can be placed on the pipe E on the carriage B, having a set-screw *b* for securing it in place, as seen in Fig. 1. F is an arm on

the end of said cap D, bent at a slight angle upward and which projects over the cylinder C. To the under side of said arm is attached a flexible cutting-tool G, consisting of a piece of thin steel having a fine cutting-point *g*, which engages with the surface of the cylinder. S is an adjusting-screw in the arm F, loosely attached to the cutting-tool, by which said cutter is nicely adjusted for shaving only a given or required amount from the surface without waste. The flexibility of the tool also renders it self-adjusting in and to the slight inequalities of the rotations of the cylinder.

With the use of this simple device a person may remove an old or undesirable record and then remove the shaver and attach the recorder and proceed to record a new song or piece of music.

Having described my invention, what I claim is—

In a graphophone, the combination with the pipe E and carriage, of the shaving attachment consisting of a cap D removably attached to the pipe E, arm F extending outward from said cap, a shaving-tool G consisting of a flat steel spring provided with a cutting-point *g*, secured to the under side of arm F, an adjusting-screw S in said arm and loosely attached to said cutting-tool, and operating substantially as and for the purpose specified.

Signed by me at Cleveland, Ohio, this 5th day of April, 1900.

CHARLES A. G. PRITCHARD.

Witnesses:

GEO. W. TIBBITTS,
CHARLES L. STOCKER.