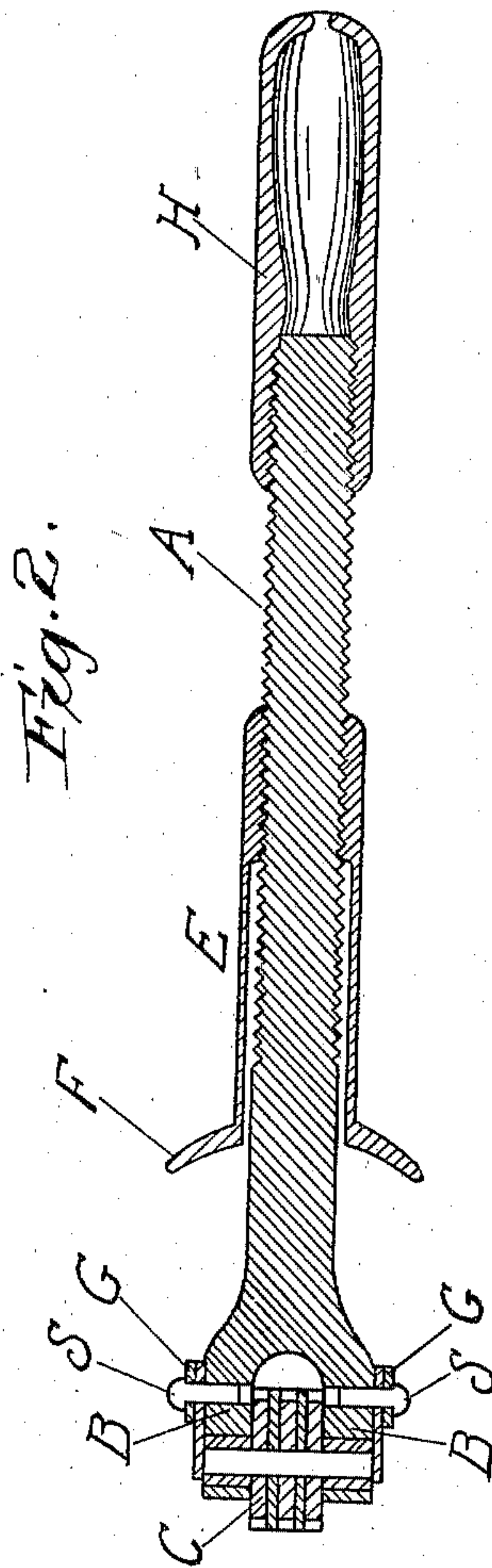
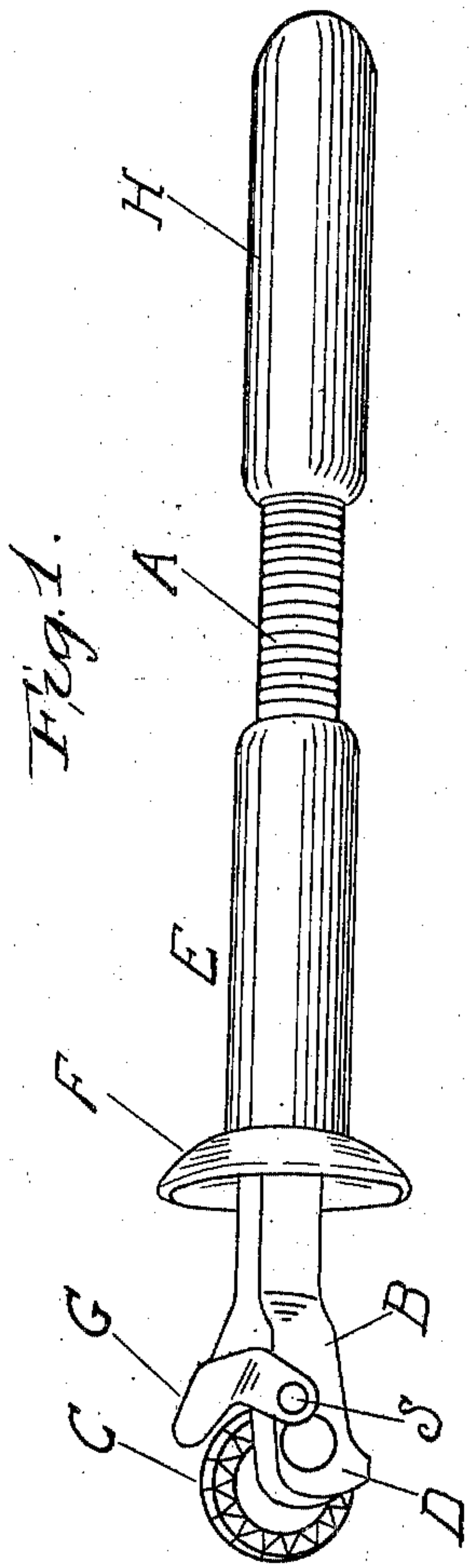


A. H. NELLER.
 TOOL FOR DRESSING EMERY WHEELS.
 APPLICATION FILED NOV. 28, 1907.

967,420.

Patented Aug. 16, 1910.



Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT H. NELLER, OF FAIRFIELD, IOWA, ASSIGNOR TO LOUDEN MACHINERY COMPANY, OF FAIRFIELD, IOWA, A CORPORATION OF IOWA.

TOOL FOR DRESSING EMERY-WHEELS.

967,420.

Specification of Letters Patent. Patented Aug. 16, 1910.

Application filed November 23, 1907. Serial No. 403,460.

To all whom it may concern:

Be it known that I, ALBERT H. NELLER, a citizen of the United States, residing at Fairfield, in the county of Jefferson and State of Iowa, have invented a new and useful Improvement in Tools for Dressing Emery-Wheels, of which the following is a specification.

My invention relates to hand tools for truing emery wheels and it consists of an improved adjustable stop device applied to the tool to bear against the rest or other part of an emery grinder, so that the cutting disks of the tool may be held by the operator with a steady pressure against the high places on the face of the wheel without touching the lower places in order that the wheel may be turned true, and the dresser be kept from vibrating or jumping on account of the uneven surface of the wheel; also, in other details hereinafter set forth and specifically pointed out in the claims.

In the accompanying drawing forming a part of the specification, Figure 1 is a perspective of a tool embodying my invention, and Fig. 2 is a horizontal section of the same drawn longitudinally from one end of the tool to the other.

Referring to the drawing, A represents the body or shank of the tool which is provided with the usual bifurcated ends B between which the cutting disks C are mounted. Said bifurcated ends are preferably provided with depending lugs or supports D which are adapted to bear upon the rest plate of an emery grinder, placed near the face of the wheel in the usual manner, so as to hold the tool against the rotary movement of the wheel.

The rear and central portions of the shank A are threaded, and a cylindrical shaped stop E, interiorly threaded to fit the thread on the shank, is placed thereon. The inner end of the stop E is provided with a cylindrical flange F which is preferably made concave or dish-shaped. The

flange F is adapted to bear against the rest plate of the grinder to hold the cutting disks C in the proper position for truing the wheel. This is accomplished by screwing the stop E back or forth on the shank until the flange F will be adjusted to bear against the rest plate and hold the cutting disks in the proper position for the size of the wheel. The flange F which bears against the rest being circular will come in contact with it at any point on its circumference, and the stop may therefore be adjusted to any desired point on the shank.

The cutting disks C may be mounted in the bifurcated ends B in any suitable manner. It is also preferable that a shield or dust guard G be secured to the ends B above the cutting disks C. Also, that a handle H be secured to the rear end of the shank for convenience in operation.

What I claim is;—

1. In a tool for dressing emery wheels, a handle having a threaded shank, cutting disks mounted on the operating end of the handle, and a stop having an interiorly threaded portion adapted to be adjusted upon the threaded portion of the shank.

2. In a tool for dressing emery wheels, a handle having a threaded shank, cutting disks mounted on the operating end of the handle, and a stop having a dished face and an interiorly threaded portion adapted to be adjusted upon the threaded portion of the shank.

3. In a tool for dressing emery wheels, a handle having a threaded shank, cutting disks mounted on the operating end of the handle, and a stop adapted to bear against the rest of an emery wheel, and having an interiorly threaded portion fitted to the threaded shank of the handle and adapted to be adjusted thereon.

ALBERT H. NELLER.

Witnesses:

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