

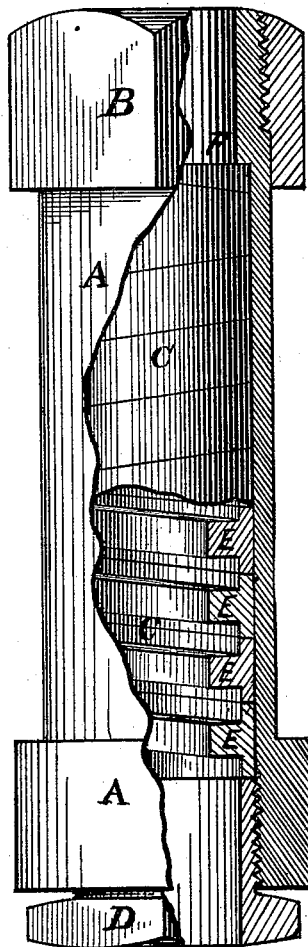
(No Model.)

A. KIDD.

FEED NUT.

No. 347,877.

Patented Aug. 24, 1886.



WITNESSES

John Bain Jr.
Richard A. McCabe

INVENTOR

Alexander Kidd

By Attorney

UNITED STATES PATENT OFFICE.

ALEXANDER KIDD, OF JERSEY CITY, NEW JERSEY.

FEED-NUT.

SPECIFICATION forming part of Letters Patent No. 347,877, dated August 24, 1886.

Application filed January 27, 1885. Serial No. 154,185. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER KIDD, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Feed-Nut for Rock - Drills, of which the following is a specification.

My invention relates to feed-nuts used on rock-drills for feeding down the drill.

10 The object of my invention is to provide a cheap and easy way of renewing the thread in the nut without the expense and trouble of making an entire nut and cutting the thread from the solid metal. I attain this object in the
15 manner illustrated by the accompanying drawing.

The figure is a part sectional drawing of the entire nut.

20 A A is the outer shell of the nut secured to the frame of the machine by the jam-nut B.

C C is a spiral, formed by a bar of metal be-

ing wound on a mandrel, the section of the bar being L or T shaped to give form to the thread E E E E, then fitted to the bore of the shell A A, and held in place by the follower-nut D. In the present instance I have shown the bar in the shape of a T. 25

One of my chief objects is to have the fiber of the metal of which the threads are formed to follow the circular course all through the 30 nut, and so increase its durability.

I am not aware that any feed-nut such as I have described has heretofore been in use, and I desire to secure by Letters Patent the following: 35

The combination of the outer shell, the spirally-coiled T-shaped bar, and the follower-nut, as described.

ALEXANDER KIDD.

Witnesses:

JOHN BAIN, Jr.,

R. A. McCABE.