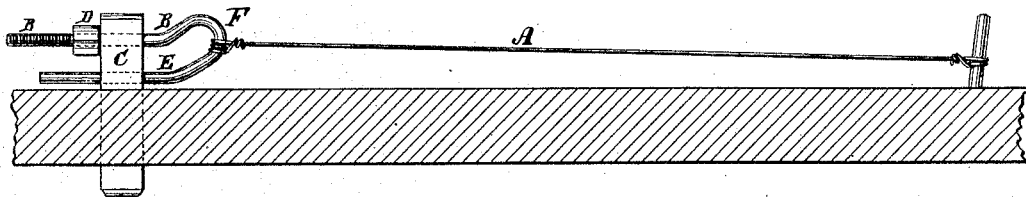


W. F. KEARSING.

Piano Stringing and Tuning Device.

No. 160,600.

Patented March 9, 1875.



WITNESSES:

*A. Bennett*  
*A. F. Terry*

INVENTOR:

*W. F. Kearsing*  
BY *Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM F. KEARSING, OF NEW YORK, N. Y.

## IMPROVEMENT IN PIANO STRINGING AND TUNING DEVICES.

Specification forming part of Letters Patent No. **160,600**, dated March 9, 1875; application filed November 7, 1874.

*To all whom it may concern:*

Be it known that I, WILLIAM F. KEARSING, of the city, county, and State of New York, have invented a new and useful Improvement in Stringing Pianos, of which the following is a specification:

My invention consists in connecting the strings to stationary rest-pins by a U-shaped device, one leg of which is screw-threaded to receive a nut, and the other is parallel thereto and passing through the rest-pin, thus serving to prevent the device from turning with the adjusting-nut when the tension of the strings is being regulated.

The drawing is a side elevation of a string mounted according to my invention.

A is the string; B, the screw-threaded leg, and E the parallel leg, of the U-shaped adjusting device F. Both legs pass through and slide freely in a stationary rest-pin, C. D is

a nut for holding and adjusting the device F, and thus regulating the tension of the string A. The leg E prevents the device F being turned when the nut is turned.

I do not claim, broadly, adjusting the tension of piano-strings by means of screws or screw-nuts; but

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the U-shaped adjusting device F, having the screw-threaded leg B, parallel guide-leg E, and the nut D, with the piano-string A and stationary rest-pin C, substantially as specified.

WILLIAM F. KEARSING.

Witnesses:

T. B. MOSHER,  
ALEX. F. ROBERTS.