here. I saw him go up-stairs myself before we left the parlor."

"He must be shut up there now. Have you a key? Let us lock him in and teach him better manners than to be disturbing the meditations of young women at this time of night."

So saying she opened the door of the clock with a consistency that might have been expected from one of her age and sex. But all was quiet there, except the long pendulum's vibrations. Even the key was in its place on the nail half-way up the side.

To this day those girls will not forgive him for not telling them how he got in the clock and out of it.

The Rogers Memorial.

The treasurer of the Rogers Memorial Committee, Mr. Rotch, is glad to state that the debt on the above is cancelled. Since the beginning of the term the following subscription have been received: From '82, $15; '84, $35.45; '85, $9.50; '86, $34.25. This, with the sums previously reported, makes the amount contributed by '82, $51; '83, $41; '84, $108.45; '85, $128.50; '86, $74.25; giving a total of $403.20. Of this $3.20 have been expended for printing, etc., and $400 have been paid to Mr. Bartlett, the sculptor, for the tablet and its setting.

We regret to chronicle the death of Mr. James S. Atkinson, '81, which took place recently at Colorado Springs, Col. After taking his degree in the course of Mechanical Engineering at the Institute, Mr. Atkinson remained another year to continue his studies. He then went South as superintendent of the Cotton Improvement Company, but was obliged to leave on account of ill health. The cause of Mr. Atkinson's death, at the early age of twenty-three, was consumption.

Mr. Robbins, the popular assistant of past years in the chemical laboratory, visited our new laboratory within the fortnight, and seemed much pleased without new quarters.

Department Notes.

The corrected report of the New York and New England Railroad to the railroad commissioners has figures regarding the casualties on that road during the past year, which reduce somewhat those given in our last issue, and are as follows: Persons killed (passengers, 0; employés, 28; others, 21), 49. Persons injured (passengers, 27; employés, 98; others, 22), 147.

The total number of persons killed on the Old Colony should have been 23, and the number injured 20, during the same period.

A locomotive on the Central Railroad of New Jersey was recently indicated, while running at three hundred and ninety-three revolutions per minute, or at the rate of a mile in forty-five seconds. Mr. S. W. Brown, who, we believe, indicated the engine, states that it was difficult to breathe at the above speed without covering the mouth with the hand. This is probably the highest speed at which a locomotive has been indicated, and the card is of curious shape, having a great deal of compression. The Mechanical Engineer is devoting considerable space to the subject of the indicator.

The "extended smoke arch" has come into extensive use during the past two years, though it certainly does not add to the appearance of our locomotives. A diagonal baffle-plate is placed in an extension of the smoke-box, and intercepts the direct passage of the cinders to the chimney. A wire netting is placed in the smoke-box and arrests any sparks that have passed under the baffle-plate and have not lodged in the front of the smoke-box extension, which gradually fills with cinders, while the engine is running. It is emptied by a pipe which conducts steam to a hopper at the bottom and blows the ashes out. There is a hand-hole in the upper part of the smoke-box for cleaning the wire netting, etc.

The new Cantilever bridge, which crosses the Niagara rapids below the Falls, was opened last week. This is the first large bridge on the Cantilever system yet built, and the construction has occupied only a few months.