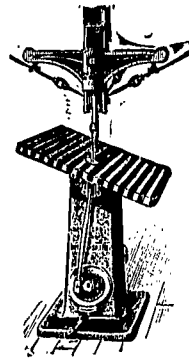


which each edition is unvariably issued on the very day of the month. It is true this truly business spirit of our energetic western contemporaries can well be imitated by many of our eastern exchanges and especially by our own publication, the FREE LANCE.

There is scarcely a college journal upon our table that does not contain some information as to university extension. This fact is surely a tribute to the magnitude and importance of the new movement, and we suggest that if any of our students wish to be enlightened on this subject that they consult our exchanges which they will find in the reading rooms of the library. We have received our first number of the *Palo Alto*, published by the Leland Stanford Junior university.

We clip the following from the *Trinity Tablet*: "It is a significant fact that the science courses of all our colleges have made unusually large gains this fall. The cause of this is in dispute, but it would seem to indicate that the popular sentiment still tends strongly toward the more practical side of education, and is coming more and more into accord with the educational ideas of Herbert Spencer and his school. Whatever the opponents of this tendency may say, they must recognize the fact that this is a condition with which we have to deal, and those institutions which place themselves well in accord with this idea will reap the greatest material benefit. The time will surely come, however, when this tendency, started as a reform, will, after the manner of all reforms, run into an extreme. Already there are many who consider as worthless that part of a college curriculum which does not directly prepare the student for the engineering corps or laboratory. They apparently think that the one great aim of education and life is to get money, and that that preparation is the best which makes of the man a mere money-making machine. In fact, we have here the old struggle between the practical and the ideal which is being waged so vigorously in every field of thought, and which can only be decided by time and labor.

NEW No. 3 PATENT SCROLL SAW.



This cut represents the latest designed Pedestal Column Strain Scroll Saw with tilting table having many advantages and conveniences as well as other excellencies, which place it far in advance of any other machine yet placed on the market. The builders of it have always excelled in scroll saws, and have made a specialty of them for many years, having over 10,000 of their No. 2 machines in actual use at the present time. This new machine eclipses all former efforts, and is superior in the following points:

- 1st. The improved patent strain is more perfect, and having a differential traveling pulley requires only a movement of $\frac{5}{8}$ " on the point of spring to give saw the full four inch stroke.
- 2d. It is noiseless, and makes no jar, (having such small movement) and it can be run in upper stories without the slightest inconvenience.
- 3d. The frame is a pedestal and is cored out and stands on a large base.
- 4th. The table can be tilted either way to any angle.
- 5th. The combined shifter and brake acts in a very perfect manner, and both shifts the belt and stops the motion at the same time.
- 6th. The strain can be increased or diminished at will of the operator.
- 7th. The speed of changing from inside to outside work is very quick, no screws or bolts to be loosened.

The machine in all its parts is perfectly fitted, and built in the most improved manner, the material used being the best.

We recommend it for all kinds of scroll sawing, either heavy or light. Colleges and others requiring a first-class machine to do the best of work and stand up to heavy wear, will find this to fill the bill.

For further information address the makers and introducers,

THE EGAN COMPANY,
Nos. 165 to 185 West Front Street,
CINCINNATI, O., U. S. A.