

Morrill's Perfect Saw Set.

The accompanying engraving represents a machine for setting every kind of saw perfectly, hand, band, scroll, circular or mill.

The inventor of this instrument has had thirty years' practical experience in the use of all kinds of saws. The result has fully convinced him of the importance of having the saw perfectly set in order to work free, cut smooth, and do good work. He disagrees with many

of an inch from the die B, then let the set hang loose on the saw.

When thus held the space between the tooth and the die shows the amount of set you will be giving the saw. To increase the set, move the guard E still closer to the die. To decrease the set, move the guard back. Be careful and not set your saw too wide, as the set will be so accurate that you will not want it one-half as wide as if done in any other way. These sets will last for years, being made of the finest quality of steel and refined iron.



MORRILL'S PERFECT SAW SET.

that the saw must be set wide; neither does he concur with another class that the saw should not be set at all.

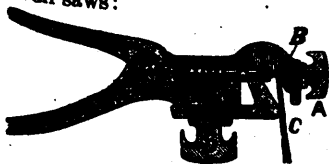
He contends that there is no saw that does not want setting, however scientific it may be made.

The saw, by constant use, wears on the side of the teeth, at the points, and causes friction that is only overcome by frequent filing, which consumes time, files, and a constant wear on the saw, besides the liability of rucking.

With the proper use of this set, saws need not be filed but once, where they are now filed three times, as the saw teeth should be set or pressed into line whenever they bind; by so doing the mechanic will find that he can do his work better, with more ease, and with greater rapidity, besides saving his files and the wear and bending of his saw, which is one of the greatest evils that can befall that ever useful tool, the saw.

This saw set is universal; it will set all kinds of saws that are in general use, even band and scroll saws, with the precision of a die.

Directions for using No. 1 for setting hand, band and scroll saws:



SECTIONAL CUT.

Hold the saw as seen in the diagram, the saw and set level, with the teeth upwards; adjust the die B, by means of the screw A, in the end

of the set, so as to have the angle on the die B come near the base of the tooth on a fine saw. On a coarse saw have the angle of the die strike the tooth about two-thirds down from the point. Set the guard E on the under side of the set forward, to about three-sixteenths

Directions for using the No. 2 for mill and other large saws: Hold the saw plumb, the set level, with the teeth upwards; adjust the die by means of the screw in the end of the set, so as to have the angle on the die come down about three times the thickness of the saw from the point of the tooth. Regulate the amount of the set with the movable guard on the under side of the set; the space between the tooth and the die shows the amount of set you will be giving the saw. To increase the set, move the guard still closer to the die. To decrease the set, move the guard back. Be careful and not set your saw too wide, as the set will be so accurate that you will not want it as wide as if done in any other way.

Circular saws set with this set will never heat in any kind of wood. Every set is guaranteed to give entire satisfaction in all respects, and every part is interchangeable. These sets have been tested and approved by some of the best sawyers in the country. Price, No. 1, for hand, band and scroll saws, \$1.25 each. No. 2, for mill and other large saws, \$3.50 each. Sent free on receipt of price by J. H. Kerrick & Co., Indianapolis, Ind., or Minneapolis, Minn.

THE entire cost of transporting the obelisk, with its pedestal and steps, from Egypt to New York, and of their erection in Central Park, was recently paid by Mr. Wm. H. Vanderbilt to Commander Gorrings. Originally Mr. Vanderbilt promised only to pay the cost of transportation, as it was not then known that the obelisk would be placed upon a pedestal, but when it was learned that a pedestal and steps were connected with it, and an extra cost of about \$30,000 was incurred, that amount as well as the other was promptly paid as stated.