

A is an elongated hollow, vertical column, out. The subject of the present invention is square or about so in horizontal section, and one of these, and one that cuts out the core covered at top, the lower part of the space cleanly and well. At the ends the core is within the column being provided with a very small, gradually increasing in size tograte, B, extending across it. An opening, wards the center, where it bulges out quite C. made through the front wall of the hollow extensively compared to the modest manner column is furnished with a door, D, and conin which it commences at the stalk and end. stitutes the mouth of the furnace, all the space Now, a machine which will cut out the core. above being what may be termed the baking chamber. Openings, E F, made through the front and and rear walls of the column and at the lower part of the baking space are respectively furnished with sliding doors, G H, and serve to give access to the shelves of the endless carrier and for the purpose of supplying the same with dough or other articles to be baked as well as for removing such as may have been baked. In the front wall, d, are one or more flues, e, which extend upward from and open out of the upper part of the furnace, a, and terminate in the chimney, g, the flues, at or near their opening into the furnace, being respectively furnished with closing slides or valves, small bent knives. The apple being placed with the SCIENTIFIC AMERICAN.

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us that we actually invent machines to cut it This machine may also be made into a parer by placing the three-pronged holder, J, over I and placing the apple upon it, it can be pared very quickly by hand, as the hand has only to move toward the opposite end of the apple, following the curve of its surface. For quartering, the device seen in Fig. 2 may be used ; it is very simple being nothing more than four plates of metal, K, sharpened at

horse or vehicle, it is obvious that it must be far from correct for another horse or vehicle. The invention we are about to describe, provides for this by making the eye adjustable to suit any circumstances or occasion. Fig. 1 is a carriage hame, light and ele-

gant; a recess is made in it as seen at C, and the slide, A, to which the trace is attached, can be adjusted and secured to the desired

making a round hole all through the apple, will, of course, waste much apple, and if the diameter of the core at the ends be taken as a gage, the hole at the center will not be cut out. A. N. Alcott, of Gowanda, N. Y., has therefore invented an apple-corer which cuts out all the core without wasting the juicy flesh of the apple.

Fig. 1 is a perspective view of it, standing on a table or board. It consists of an upright post, A, on the top of which is a bearing, B, for a tubular shaft, E, that is kept in its place by the spring, D, and that can be rotated by the handle, C. To the end of E is secured a cutter, I, that is formed of two

their edges and attached to and radiating from a central vertical tube. The apple is pressed on this, the core falls through the central tube and the quarters between the knives, K. It was patented Feb. 22, 1859, and the inventor will be happy to give any further information, upon being addressed as above.

A Healthy Sign of Progress.

It is one of the signs of true progress to witness the present activity of inventors. As a marked indication, we may refer to the fact that for the week ending the 26th ult., fortytwo applications for Letters Patent were made through the Patent Agency Offices connected

position by the screw, B. A side view of this slide is seen in Fig. 4. Fig. 2 shows the common team hame, provided with this improvement., which slides on the common hame either up or down as indicated by the arrows, and can be secured by the screw, B, which in this instance is placed through a tongue in the side of A, and not as in Fig. 1. To the slide in the team hame a ring is attached, to hold the pole-straps of the harness; and the whole slide is seen in Fig. 3.

The inventor of this improvement is Henry Cogswell, of Greenwich, N. Y., who will be happy to furnish any further information upon being addressed as above. The patent was dated Feb. 15, 1859.