

we saw two large furnaces in blast, by the power of a steam engine of great power, and we saw in the progress of erection, in an adjoining building, another engine, to be of four times the power, which is by far the largest I ever saw, and if I mistake not, the largest in the country. The furnaces are supplied with ore taken directly from the mines in the immediate vicinity. The pits, for *coking* the coal taken from adjoining mines, are situated upon the same height of ground in the immediate vicinity of the spot where the coke is required for use. The buildings and machinery for the smelting, hammering, rolling and casting of iron, for reducing into the various states and forms into which it is desired to reduce it, are arranged along the slope of the valley, on a system adapted to conducting the various operations with the greatest convenience. The manufacture for which preparations appeared to be made on the largest scale, are the manufacture of bar, rail road, and all kinds of rolled iron. The iron for the Maryland Mining Company's Rail Road, had been just rolled there. We saw also some fine H rails which they had begun to roll for the Fall River rail road, but unfortunately for us the rolling was suspended on that day, in consequence of a *strike* among the workmen of that particular branch, for higher wages. I do not suppose that the interruption can have lasted for any length of time. We saw the machinery for the handling, rolling, and sawing off of these rails, and saw also the process of rolling iron in other forms. We were indebted to the obliging courtesy of Col. Young, in showing to us, and explaining to us every thing which curiosity prompted us to enquire into. Many of these things I have not even hinted at, and if I were to attempt to explain or enumerate them, it would make this letter even longer than the two which have preceded it.

We left the interesting spot, deeply impressed with the rare combination which it possesses of every thing necessary for carrying on advantageously the manufacture of iron of every kind and of the best quality. Every material I believe, obtainable from the earth, required for any of the processes of this manufacture, is afforded here in abundance. Even fire bricks were shown to us, made of a material found upon the very spot, which Col. Young assured us were equal to the best he could import from England. All that remains to be done, for ensuring a great and rapid increase of this manufacture at this place, is to bring to the doors of the consumers of the article, by completing the accesses to it which were long ago projected, and which are now on the eve of completion. Let the Baltimore and Ohio Rail Road, which has already opened the access to this region from one side of the Alleghanies, open a like access to it from the West; and let the Chesapeake and Ohio Canal, on which \$12,000,000 have already been expended, be completed, so as to afford a still cheaper mode of transport for the heavy and cheap products of this region—products which are necessary to the comfortable subsistence of every individual in the country—and the demand for these products must be immense.