And founding on exactly this simple principle, the New Red Sandstone of this part of the country, *i. e.* the unfractured ice of the second frost, has been lately pierced through, to get at the Coal Measures, *i. e.* the fractured ice of the first; and very valuable though deeply-seated seams of coal have repaid the boldness of the search, and confirmed the justness of the reasoning. Observe, further, that this broken condition of the coal-field, if its surface were bared in the style we have dared to uncover it from our hill-top, as Asmodeus uncovered the houses of Madrid, would present, viewed from above, a very striking appearance. Of the twelve panes in the window opposite to which I write, by far the most conspicuous is the pane through the centre of which an unlucky urchin sent yesterday a stone. There is a little hole in the middle, from which some fifteen or twenty bright rays proceed, star-like, to every part of the astragal frame. The ray-like cracks of the coal-field are, of course, wholly obscured by the diluvium and the vegetable mould. A shower of snow — to return to our first illustration — has covered up, with a continuous veil, central boulders, flawed area, and encircling ring, reducing them all to one aspect of blank uniformity; and we can but dip down upon the cracks and flaws, here the point of a finger, there the end of a stick; and so, after many soundings have thus been taken, piece out a plan of the whole. It would seem as if, in at least one of the planets to which we point the telescope, there is no such enveloping integument; and the starred and fractured surface remains exposed and naked, like that of the ice of the pond ere the snow-shower came on. Those who have enjoyed the luxury of hearing Professor Nichol, of Glasgow, lecture on the lunar phenomena, must remember his graphic description of the numerous ray-like lines, palpable as the cracks in a damaged pane, that radiate in every direction, some of them extend-