in the centre, was the *yellow* muscular heart propelling into the transparent tubular arteries the *yellow* blood. Beat—beat—beat; I could see the whole as in a glass model; and all I lacked were powers of vision nice enough to enable me to detect the fluid passing through the minuter arterial branches, and then returning by the veins to the two other hearts of the creature; for, strange to say, it is furnished with three. There is the yellow heart in the centre, and lying altogether detached from it, two other darker-coloured hearts at the sides! I cut a little deeper. *There* was the gizzard-like stomach, filled with fragments of minute mussel and crab shells; and *there*, inserted in the spongy, conical, yellowish-coloured liver, and somewhat resembling in form a Florence flask, the ink-bag distended, with its deep dark *sepia*, —the identical pigment sold under that name in our colour-shops, and so extensively used in landscape drawing by the limner. I once saw a pool of water, within the chamber of a salmon-wear, darkened by this substance almost to the consistence of ink. Where the bottom was laid dry, some fifteen or twenty cuttle-fish lay dead, some of them green, some. blue, some yellow; for it is one of the characteristics of the creature that, in passing into a state of decomposition, it assumes a succession of brilliant colours; but at one of the sides of the chamber, where there was a shallow pool, six or eight individuals, the sole survivors of the shoal, still re-tained their original pink tint, freckled with red, and went darting about in panic terror within their narrow confines, emitting ink at almost every dart, until the whole pool had become a deep solution of *sepia*. But I digress.

I next laid open the huge eyes of the stranded cuttle-fish. They were curious organs,—more simple in their structure than those of any quadruped, or even any fish, with which I am acquainted, but well adapted, I doubt not, for the purpose of seeing. A camera-obscura may be described as consisting of two parts,—a lens in front, and a darkened chamber