

septic apparatus of the lungs, where it becomes revivified, and during this process of cremation of impurities, it is, that the combination of the oxygen of the air taken in in breathing with the carbon of the blood, creates the heat which keeps up the temperature necessary to the maintenance of the working pressure of which the machine is capable and in need of.

The human machine is a most perfect "automobile", capable of performing all the duties assignable to that piece of machinery which in industrial processes is called a "traveller"; while the "crab" or sub-traveller which crawls back and forth over this, is exemplified in the far-stretching arms, outriggers or "crane" like features of the body.

The human mechanism is also the more perfect in that it endures the longer, due to the self-repairing faculties already alluded to. It requires repose, but in the long run can beat and wear out the more powerful horse or other beast of burden, and like the engines in our ocean steamers, keep at it for days in succession or until exhausted from sheer want of food or fuel; and if no one man machine can of itself move or manipulate heavy weights, it can do so by association with others of the kind or by multiplication, in the same way as it requires a nest of furnaces or fires side by side to raise the steam to drive the liner, or as in the erection of the pyramids or bygone days.

The osseous and muscular systems of the human mechanism, the sinews, the mode of articulation of the several parts, their juxtaposition and ligaments, the nature of the separating media, render it capable, as said, of motion in every direction and it can as with the "trip hammer" in the forge, act with the utmost delicacy and caution as with the greatest velocity and energy.

When the work to be performed cannot conveniently be placed to suit the machine, the latter can go about and accommodate itself to every possible position it may be called on to operate in, as above, below or to either side of the thing in hand—or, while other pieces of machinery have to be transported by extraneous force, hoisted or lowered to where their ministry is required; the human machine can by its own inherent strength and power of locomotion, ascend, descend and move in any direction towards the very point where, what is required of it is to be accomplished: a "traveler" as said before.