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Passage.

Man is a pre-eminently an animal good at gadget. However, there is reason for doubting his good judgment in their utilization. Perhaps the first chemical process which man employed for his own service was combustion. First utilized to warm naked and chilled bodies, it was then discovered to be effective for scaring off nocturnal beasts of prey and an admirable agent for the preparation and preservation of food. Much later came the discovery that fire could be used in extracting and working metals and last of all that it could be employed to generate power. In ancient times man began to use fire as a weapon, beginning with incendiary torches and arrow and proceeding to explosives, which have been developed principally for the destruction of human beings and their works.

In the control and utilization of gases, the achievements of our species have not been commendable. One might begin with air, which man breathes in common with other terrestrial vertebrates. He differs from other animals in that he seems incapable of selecting the right kind of air for breathing. Man is forever doing things which foul the air and poisoning himself by his own stupidity. He pens himself up in a limited air space and suffocates, he manufactures noxious gases which accidentally or intentionally displace the air and remove him from the ranks of the living, he has been completely unable to filter the air of the disease germs, which he breathes to his detriment, he and all his works are powerless to prevent a hurricane or to withstand its force. Man has indeed been able to utilize the power of moving air currents to a limited extent and to imitate the flight of birds, with the certainty of eventually breaking his neck if he tries it. Man uses water much in the same way as other animals, he has to drink it constantly, washes in it frequently, and drowns it occasionally — probably oftener than other terrestrial vertebrates. Without water, he dies as miserably as any other beast and with too much of it, as in floods, he is equally unable to cope. However, he excels other animals in that he has learned to utilize water power. But it is rather man's lack of judgment in the exercise of control of natural resources which would disgust critics of higher intelligence, although it would not surprise the apes. Man observes that the wood of trees is serviceable for constructing habitation and other buildings. He straightaway and recklessly denudes the earth of forests. In so far as he is able. He finds that the meat and skins of the bison are valuable and immediately goes to work to exterminate the bison. He allows his grazing animals to strip the turf from the soil so that it is blown away and fertile places become deserts. He clears for cultivation and exhausts the rich land by stupid planting. He goes into wholesale production of food, cereals, fruits and livestock and allows the fruits of his labour to rot or to starve because he has not provided any adequate method of distributing them or because no one can pay for them. He invents machines which do the work of many men, and is perplexed by the many men who are out of work. It would be hard to convince judges of human conduct that man is not an economic fool. 538

## Man and Use of Resources.

Man is good at gadgets but there are doubts in their utilisation by man. Probably, the first man-made process was combustion, utilized to warm the bodies, and later for various purposes. In past, man used it as weapons i.e. torches, arrows, preceded by explosives, developed for destruction. In case of gases, our achievements are not commendable. Beginning with air, man ~~is in~~ can not select it for breathing, unlike other animals. Man is poisoning himself by making gases that displace the air. Ultimately, he is unable to prevent its effects. Man has utilized the moving air currents to imitate the birds, which might break his neck. Moreover, man used water like other animals but he excelled in using water power. However, he lacks the control over natural resources. Man used wood in construction and deprived earth of forests. He found Bison's skin and meat valuable and exterminated it. He turned fertile land to deserts and let his wholesale production to rot. He invented machines that displaced out of work. It become hard to convince that man is not an economic fool.

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