

“If a pound of silver be melted with a single grain of gold, the gold will be equally diffused through the whole silver; so that, taking one grain from any part of the mass, (in which there can be no more than the 5760th part of a grain of gold,) and dissolving it in aqua fortis, the gold will fall to the bottom. Gold beaters can extend a grain of gold into a leaf containing 50 square inches, and this leaf may be divided into 500,000 visible parts; for an inch in length can be divided into 100 parts, every one of which will be visible to the naked eye—consequently, a square inch can be divided into 10,000 parts.” Nature goes still farther in the division of matter. Mr. Leewenhock tells us, “that there are more animals in the nilt of a single codfish than there are men upon the whole earth; and that by comparing these animals in a microscope with grains of common sand, it appeared that one single grain is bigger than four millions of them. Now each animal must have a heart, arteries, veins, muscles and nerves, otherwise it could neither live nor move. It has been found by calculation that the particles of their blood exceed the particles of light as much in bulk as mountains do grains of sand. The velocity of the particles of light is demonstrated to be at least a million times greater than the velocity of a cannon ball; so that if a million of these particles were as big as a single grain of sand, we durst no more open our eyes to the light, than we durst expose them to sand shot from a caannon.”

MISCELLANEOUS.

A SAD MISTAKE.

The man who thinks that a library neither adds to his farm, to his stock, nor to his merchandise, nor ministers to his appetite, and therefore it is useless to procure it, is sadly mistaken.—Though the perusal of books will not add directly to the increase of these objects, it may indirectly. Some authors give directions as to the best mode of increasing wealth; others show the best way of avoiding loss in

worldly affairs. Books of a more refined kind enlighten the mind—give enlarged views of things—make men acquainted with the world—with literary subjects—with themselves—with God, the Creator of all things; and with what he requires.—Through the perusal of them, persons of both sexes take the most efficient way to promote temporal prosperity, and personal happiness. They will also prepare themselves by reading to be useful citizens of their country, they will obtain a knowledge of the design of the Supreme Being in their creation, and may help to prepare the way for their eternal felicity. The man therefore who thinks every other object must be obtained before he obtains a small library of books, sadly mistakes his best interests.

THE GOOD HUSBAND.

The good husband is one who, wedded not by interest, but by choice, is constant as well from inclination as from principle; he treats his wife with delicacy as a woman, with tenderness as a friend; he attributes her follies to her weakness, her imprudence to her inadvortency; he passes them over therefore with good nature, and pardons them with indulgence; all his care and industry are employed for her welfare; all his strength and powers are exerted for her support and protection; he is more anxious to preserve his own character and reputation, because hers is blended with it; lastly, the good husband is pious and religious, that he may animate her faith by his practice, and enforce the precepts of Christianity by his own example; that as they join to promote each other's happiness in this world they may unite together in one eternal joy and felicity in that which is to come.

PRIDE.—If a proud man makes me keep my distance, the comfort is—he keeps his distance at the same time.

Pride, in a woman, destroys all symmetry and grace; and affectation is a more terrible enemy to a fine face than the small-pox.