

Tongue, Throat, Lungs and Stomach.

Taste is not equally distributed over the whole tongue, there are three distinct regions or tracts, each having its special office. The tip of the tongue is concerned with pungent and acid tastes; the middle portion is sensitive chiefly to sweets or bitters, while the back or lower portion confines itself entirely to the flavors of rich, fatty substances. Every piece of food thus undergoes three distinct examinations.

The length of the vocal cords in men and women differs as follows: In man, when at rest, their length is about seventy-seven one-hundredths of an inch, and when they are stretched to their greatest extent they are about ninety-three one-hundredths of an inch long. In a woman their length varies from fifty-one one-hundredths to sixty-three one-hundredths of an inch.

Though there are only nine perfect tones in the human voice there are the astounding number of 17,592,115,044,415 different sounds. Of these, fourteen direct muscles give 16,882, and thirty indirect muscles produce 173,41,823, while all, in co-operation, form the above total.

The stomach, or laboratory where the blood is manufactured from food, is a pouch, shaped much like the bagpipe of the Highlanders. In it are numberless lines of little tubes or glands, covering the whole interior with these microscopic urns, making a all 5,000,000. Each one of these is a complete chemical laboratory for the manufacture and distribution of gastric juice.

The average man takes five and a half pounds of food and drink each day, amounting to one ton of solid and liquid nourishment annually. In seventy years he eats and drinks one thousand times his own weight.

Every time we breathe one hundred muscles are employed—forty per cent. of the muscles of the body being active in wonderful co-operation in this single act.

The surface of the lungs, if spread flat, would equal 2642 square feet. The lungs contain 175,000,000 cells, which, put side by side, would fill a space thirty times greater than that of the human body. An adult man respires from sixteen to twenty times a minute, or about twenty thousand times a day, the amount of air inspired being about ten thousand quarts, or eighty barrels, 100,000 cubic feet of air have been every twenty-five years. In one year drawn into the lungs, and expelled by nearly nine million separate and complicated actions of breathing, to aerate more than thirty-five hundred tons of blood.

The Muscular and Nervous System.

The muscles are bundles of fibres, each fibre is a bundle of fibres, and each of these may be separated, the smallest actual fibres being one four-hundredth of an inch in diameter. Each fibre is wrapped in a fine, pellucid sheath, a mere film put around it to keep it together.

There are in the body five hundred and twenty-seven muscles—two hundred and sixty-one pairs and five single ones. The bones and muscles combined are capable of over twelve-hundred different movements.

The muscle which acts upon the heel is one of the largest and most powerful in the body, for in raising the heel it has to raise the whole weight of the body.

There are forty pairs of nerves that start from the base of the brain and spinal cord, like telegraph wires. These may be called the "main lines" and with their connections and branches number 10,000,000. The nerve cells—stations or batteries for the transfer of power—are millions in number, some of them having a diameter of only one five-thousandth of an inch.

Muscular Rheumatism Subdued.

When one is a sufferer from muscular rheumatism he cannot do better than to have the region rubbed with Dr. Thomas' Electric Oil. There is no oil that so speedily shows its effect in subduing pain. Let the rubbing be brisk and continue until ease is secured. There is more virtue in a bottle of it than can be fully estimated.



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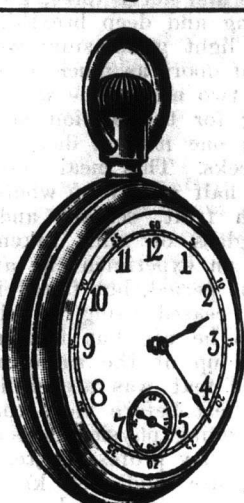
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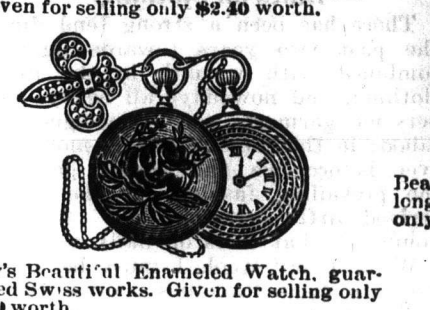
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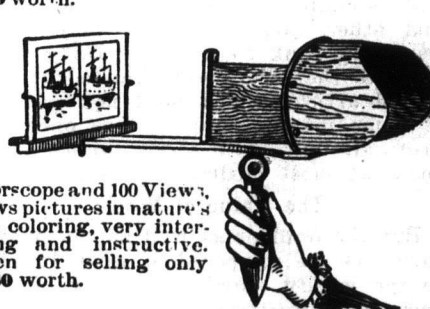
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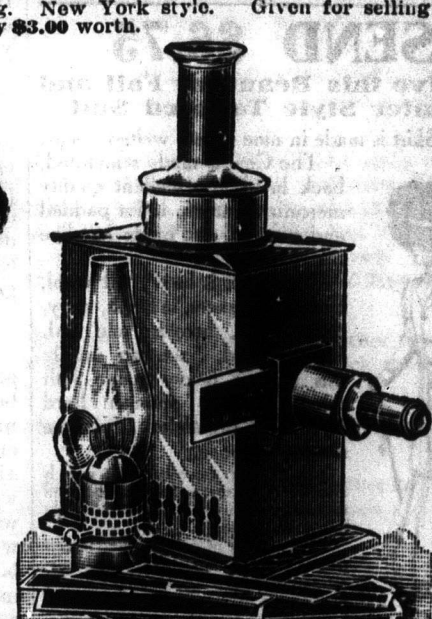
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