

UNITED STATES PATENT OFFICE.

WILLIAM D. STONE, OF LONDON, ENGLAND.

IMPROVEMENT IN PREPARATION OF FOOD.

Specification forming part of Letters Patent No. **176,092**, dated April 11, 1876; application filed June 12, 1875.

To all whom it may concern:

Be it known that I, WILLIAM DOMETT STONE, M. D., of London, England, have invented Improvements in the Preparation of Food, of which the following is a specification:

The object I have in view is the manufacture of a vegetable food, which, in its compound form, shall offer to the several elements of the human body a better and more complete nourishment than that supplied by either of its component parts; and my invention therein consists in combining together the flour or meal of various nutritive grains and mineral salts, in such proportions that the compound will possess due quantities of albumen, gluten, fibrine, starch, sugar, gum, oils, cellulose, and mineral salts.

The proportion of the constituents which I have found most nourishing and agreeable is as follows: One hundred (100) pounds of the compound are composed of various flours and meals, so mixed as to contain albumen, gluten, and fibrine, from fifteen (15) to eighteen (18) pounds; starch, from forty-five (45) to fifty-five (55) pounds; sugar and gum, from five (5) to eight (8) pounds; oils, from three (3) to seven (7) pounds; cellulose, from five (5) to twelve (12) pounds; and mineral salts from four (4) to six (6) pounds.

The proportion of the ingredients in a

pound to effect the above proportion of constituents is about as follows: Seconds-flour, four ounces; lentil flour, three ounces; barley, two ounces; prepared groats, two ounces; rye, two ounces; maize, two ounces; rice, one ounce; calcium carbonate, three per cent.; chloride of sodium, one per cent.

The several parts above named are thoroughly mixed or incorporated together, and desiccated or baked, at a low temperature, in a suitable vessel, and are then ready for packing for transportation or use.

By these means a very superior food containing all the practical elements of nutrition for the human body is produced, and its digestion and assimilation are promoted.

Having thus fully described my food, what I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture for food, the flour or meal of various nutritive grains mixed with mineral salts, whereby the composition shall contain albumen, gluten, fibrine, starch, sugar, gum, oils, cellulose, and mineral salts, substantially as described.

W. DOMETT STONE, M. D.

Witnesses:

WM. ROBT. PARKE,
H. L. BAILEY.