

The Government Chemist's Report on Baking Powders.

Editor Deseret News:

The recent publication of the report, giving the comparative merits of various Baking Powders, according to tests made by the Government Chemist, has induced some of the manufacturers of brands, whose inferiority was thus brought to light, to resort to various means and publications in order to rid themselves of the results of that unfavorable exposition of their inferiority.

That the public may fully understand the matter, and to avoid any misconception arising out of statements of our competitors, seeking to break the force of the report, I herewith subjoin the main part of the report, in which the comparative values are correctly given.

Dr. Love's tests were made to determine what brands are the most economical to use. And as their capacity lies in their leavening power, tests were directed solely to ascertain the available gas of each powder.

Name of the Baking Powders.	Available Gas, Cubic inches, per each oz. Powder.	Comparative Worth per Pound.
"Royal" (cream tartar powder).....	127.4	50 cts.
"Rumford's" (phosphate) fresh.....	122.5	48 cts.
"Rumford's" (phosphate) old.....	32.7	13 cts.
"Hanford's None Such".....	121.6	47 cts.
"Redhead's".....	117.0	46 cts.
"Charm" (alum powder).....	116.9	— cts.
"Amazon" (alum powder).....	111.9	— cts.
"Cleveland's" (short weight 1/2 oz).....	110.8	43 cts.
"Czar".....	108.8	42 cts.
"Price's Cream".....	102.6	40 cts.
"Lewis's" condensed.....	98.2	38 cts.
"Andrew's Pearl".....	93.2	36 cts.
"Hecker's Perfect".....	92.5	36 cts.

The government chemist also adds: "I regard all alum powders as very unwholesome. Phosphate and tartaric acid powders liberate their gas too freely in process of baking, or under varying climatic changes suffer deterioration."

EDW. G. LOVE, Ph. D.

It is proper to state that all the powders examined were from the open market, and that the original labels were in every case broken by Dr. Love himself. He also informs me that he, himself, purchased the can of Royal Baking Powder at the store of Park & Tilford.

I have only to add, that for 20 years the Royal Baking Powder has been before the public, and it is today the standard for purity and excellence throughout the world. Because of its intrinsic merit, and by virtue of honorable enterprise, the Royal Baking Powder has taken this rank, and I am therefore not surprised to find adventurers in the business anxious to assume their preparations to be its equal.

J. C. HOAGLAND,

President Royal Baking Powder Company.
NEW YORK, March 26, 1881.

AN ELECTRIC LANTERN.

A Nevada Man who has Cut in Fra Ahead of Edison.

An ingenious machinist of this city who is too modest to allow his name to be mentioned, appears to have left Edison far behind and out in the cold, as regards the use of electricity for illuminating purposes. While Mr. Edison has been laboring for grand, wholesale results, to find a means of illuminating all the cities of America and of the world at a stroke, our modest friend started in to do but a little thing, and in accomplishing this, we are inclined to believe that he has, at the same time, succeeded in doing that which the other has thus far failed to satisfactorily perform.

Our inventor set himself to work to make light on a small scale and at a small cost, and has succeeded beyond his most sanguine expectations. We yesterday had the pleasure of seeing in operation a lantern in which his electric light was burning. An electric lantern was, indeed, just what he started in to make, and he has made a lantern far ahead of anything ever before seen in that line.

The lantern is of about the same size and shape as an ordinary miner's lantern, and may as readily be carried in the hand or on the arm. At a little distance it presents much the same appearance as the fancy lamps carried by railroad conductors, except that the bottom part is somewhat deeper. In this bottom is the apparatus which produces the electricity that makes the light. All that is necessary to be done is to insert a key (like a large clock key) at the side, and wind the apparatus up when light is wanted. The light appears as soon as the machine starts,

and disappears very soon after it is stopped. When fully wound up, the clockwork will run for six hours; but it can at any time be instantly stopped by turning a small button. The amount of electricity required is so small that it could hardly be measured, as we are informed. There are neither platinum nor charcoal burners; indeed, no burners at all. The light is neither from flame nor from a substance heated to incandescence.

Just how the light is produced is still the inventor's secret. He says Mr. Edison has all along been wandering from the trueroad with metal, charcoal and other burners. What is seen inside the lantern is simply that which appears to be a Florence flask, about two inches in diameter at the largest part of the bulb, the neck descending into and connecting with the apparatus in the bottom part of the lantern. This reversed flask is completely filled with a liquid of a greenish-yellow color. Two small wires are seen coming up through the neck of the flask to about the centre of the bulb, where they are bent toward each other like the handles of a pair of small forceps.

This is the appearance of the apparatus until the clock work is started. Then a change is instantly seen. The liquid within the bulb begins to glow and in a few seconds it presents the appearance of molten metal at a white heat, yet there is no heat. When the door of the lantern is opened and the hand placed upon the bulb there is barely perceptible warmth.

The light given out is very white and pure. We do not know much about the candle power of any light, but as this lantern made a room 14 by 20 appear as light as day, the light must have had the power of about 15 or 20 candles—the inventor says 50. At all events it is enough for all ordinary uses, and would be better than anything ever before seen for use in the lower levels of our mines.

The secret of the whole thing is evidently in the fluid with which the bulb is filled. What this is the inventor refuses to say, as it is for it he expects to obtain a patent he is taking steps to procure.

The inventor says but three articles and those very cheap, are used. These cost but a trifle to begin with, are never consumed and never deteriorate. At a very small cost table lamps and all kinds of lamps, both movable and stationary, may be made. Where they are stationary—suspended from the ceiling of a room or fixed against walls, a stationary clockwork would be put up, with wires running to all the lights in a building.

Our Comstocker, it appears to us, has a better thing than even the "big bonanza" was, for if he can light up a house he can light up a city, and therefore all the cities of the world. This is not our friend's first invention, nor will the patent be sure to get to be his first. It will only be one among a dozen or so.—Territorial Enterprise.

INFORMATION WANTED.

A young man desires to know of the whereabouts of Elizabeth Dodd, or any of her children, formerly of Liverpool, came to Utah in 1856. Any information that will find their whereabouts will be thankfully received. Please address

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South Cottonwood, Salt Lake Co., Utah.

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NOTICE TO CREDITORS.

In the Probate Court of the County of Davis, Territory of Utah.

In the Matter of the Estate of John Hodson, deceased.

NOTICE IS HEREBY GIVEN BY THE undersigned, the Executor of the last Will and Testament of John Hodson deceased, to the creditors of, and all persons having claims against, said deceased, to exhibit them with the necessary vouchers, within ten months after the first publication of this notice to the Executor at his residence, Kaysville, Davis County, Utah Territory.

THOMAS H. HODSON, Executor of last Will and Testament of John Hodson deceased.
Dated at Kaysville, Davis County, U. T., March 30, 1881.
Barratt and Johnson Attorneys for Executor Ogden, U. T. w10 4t

Dr. Jaques German Worm Cakes never fail to destroy worms and remove them from the system. Sold by GODDE, PITTS & CO.

Eilert's Extract of Tar and Wild Cherry has been used for twenty years and saved many valuable lives. Do not neglect a cough or cold until it is too late, try this excellent remedy and be convinced of its merits. Chronic Coughs, and even Consumptives are cured by following the directions, every bottle is warranted to give satisfaction. Sold by GODDE, PITTS & CO.

[No.—535.]

NOTICE FOR PUBLICATION.

LAND OFFICE AT SALT LAKE CITY, March 21st, 1881.

NOTICE IS HEREBY GIVEN THAT THE following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the Register or Receiver of the U. S. Land Office, at Salt Lake City, U. T., on Saturday, May 7th, 1881, viz., Charles E. Miller, Homestead Entry, No. 2,388, for the S. E. 1/4 of Sec. 27, T. 3, S. R. 1 W., 160 acres.

He names the following witnesses to prove his continuous residence upon, and cultivation of, said land, viz: WILLIAM F. WILLIAMS, of Mill Creek, Salt Lake Co., U. T., BENJAMIN W. MERRILL, of Mill Creek, Salt Lake Co., U. T., SAMUEL L. HOWARD, of South Jordan, Salt Lake Co., U. T., GEORGE W. BECKSTEAD, of South Jordan, Salt Lake Co., U. T.

H. W. MCMASTER, Register.

STAYNER & SIMMONS, Atty's for Claimants. w 8 5

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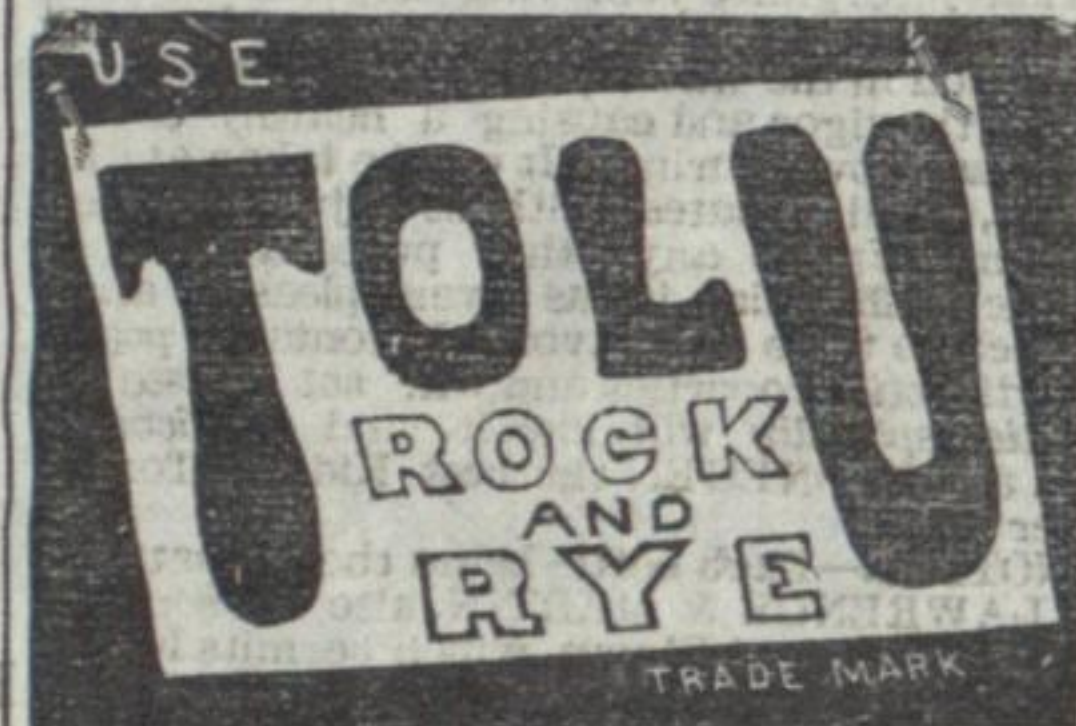
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BALSAM TOLU is relied upon by the Medical Faculty for its healing and nourishing properties; but it has never been so advantageously combined as by our process of distillation, where all the virtues of the Gum are retained.

Extract from Report of the Commissioner of Internal Revenue:

TREASURY DEPARTMENT OFFICE OF INTERNAL REVENUE WASHINGTON, D. C., Jan. 23, 1880.

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Yours Respectfully, (Signed) GREEN B. RAUM, Commissioner.

CAUTION. Don't be Deceived by unprincipled dealers who try to palm off upon you Rock and Rye in place of our TOLU ROCK AND RYE, which is the only medicated article made, the genuine having a Proprietary Stamp with our name on each bottle.

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It is safe to use at any degree of strength and will

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It eradicates scab with two dippings at intervals of three or four days. This Dip is convenient for use, as it only requires to be diluted with hot water to the desired consistency.

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A multitude of your best citizens avow them the best in use, and why? They are strictly Vegetable.

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Sir Astley Cooper's VITAL RESTORATIVE.

THE GREAT ENGLISH REMEDY has made more cures of Nervous Debility, Seminal Weakness, Lost Manhood, Lassitude, Inability for Mental Labor, Despondency, and such diseases as are induced by youthful follies and excesses, than all other medicine combined; it is an invigorator of the nerve and muscle, and a vitalizer of the Blood and supporter of Brain Power.

PRICE, - \$3.00 PER BOTTLE.

Or four times the Quantity, \$10.

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