



A.D. 1869, 5th MAY. N° 1388.

Applying Charcoal for Curative and other Purposes.

LETTERS PATENT to Thomas Welton, of 13, Grafton Street, Fitzroy Square, in the County of Middlesex, Maker of Artificial Limbs, for the Invention of “**A NEW METHOD OF APPLYING OXYGENATED AND OTHER GAS CHARGED CHARCOAL FOR CURATIVE AND OTHER PURPOSES.**”

Sealed the 2nd October 1869, and dated the 5th May 1869.

PROVISIONAL SPECIFICATION left by the said Thomas Welton at the Office of the Commissioners of Patents, with his Petition, on the 5th May 1869.

I, THOMAS WELTON, of 13, Grafton Street, Fitzroy Square, in the
5 County of Middlesex, Maker of Artificial Limbs, do hereby declare the nature of the said Invention for “**A NEW METHOD OF APPLYING OXYGENATED AND OTHER GAS CHARGED CHARCOAL FOR CURATIVE AND OTHER PURPOSES,**” to be as follows :—

This Invention consists in a means of rendering charcoal or other
10 charred matters applicable to the curing of disease in man and animals, also as a new dentifrice, also as a cataplasm or poultice, also as a

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manure, also as an anesthetic, and when compressed into a proper form a block to act as a filter.

This Invention is carried into effect by the following means:—I take charcoal, either animal or vegetable as may be found most suitable, and grind it into a powder, and put it into a proper vessel and heat it, and by 5 so doing expel the atmospheric air; then admit to it while so heated such gas as may be required, or mixture of gases, or vapour of metal or metals, or drugs, or vapour of phosphorus, bromine, sodine, ammonia, or other material, which the charcoal by a well-known law will absorb in various quantities according to the gas or other named materials used. 10 Such charcoal when so prepared may then be used as a dentrifice, cataplasm, anesthetic, or for other curative purposes; or the charcoal not charged with gas or other vapour may be mixed with wheaten or other flour, and made into cakes or biscuits, and the compound baked in the usual manner, and afterwards charged with gas or other vapour 15 in the manner and for the purposes as before described.

And I also claim as my Invention the right to electricise such charcoal or biscuits when so prepared by any of the known means, and thereby increase its potency for the purposes before described; and also to produce the desired effect do not confine myself to use one special 20 material but many, such as ozone, chlorine, oxygen, nitrogen, or azote, hydrogen, nitrous oxide, carbonic acid gas, ammoniacal gas, or admixture of gases, or vapour of phosphorus, sodine, bromine, or other vapour of metal or metals, or drugs, or all or any of them separately or combined.

And further I claim the admixture of urine or other fœcal matter 25 with charcoal or other charred substances, either when heated or otherwise, which may be then dried or evaporated in fitting vessels, and by so doing form a very powerful manure, which may or not be then treated as before described, viz^t., by charging it with such gas or vapour as it requires for such purpose. 30

Finally, I claim the right to form such manure to mix with charcoal in powder or soot or other charred substances, urine, or other fœcal matter, and afterwards reheat the mixture in close vessels, or to mix any refuse materials, such as wood dust or turnings, sweepings of the markets, spent tannage, woollen or cotton waste, &c., with the urine or 35 other fœcal matter, and burn them, viz^t., the mixture, in a retort or other

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close vessel or vessels or kilns, to which may be added (or not) such vapour or vapours, or gas or gases, as before described.

SPECIFICATION in pursuance of the conditions of the Letters Patent,
filed by the said Thomas Welton in the Great Seal Patent Office on
5 the 18th October 1869.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, THOMAS WELTON, of 13, Grafton Street, Fitzroy Square, in the County of Middlesex, Maker of Artificial Limbs, send greeting.

WHEREAS Her most Excellent Majesty Queen Victoria, by Her
10 Letters Patent, bearing date the Fifth day of May, in the year of our Lord One thousand eight hundred and sixty-nine, in the thirty-second year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Thomas Welton, Her special licence that I, the said Thomas Welton, my executors, administrators, and assigns, or
15 such others as I, the said Thomas Welton, my executors, administrators, and assigns, should at any time agree with, and no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands,
20 and Isle of Man, an Invention for "**A NEW METHOD OF APPLYING OXYGENATED AND OTHER GAS CHARGED CHARCOAL FOR CURATIVE AND OTHER PURPOSES,**" upon the condition (amongst others) that I, the said Thomas Welton, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and
25 ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Thomas Welton, do hereby declare
30 the nature of my said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My Invention consists in the means for rendering charcoal, soot, or other charred matters applicable to the curing diseases in man and

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animals, also for further uses, such as a dentrifice, a cataplasm, or poultice, a manure, an anesthetic, and when compressed into proper form as a filter for water or other liquids, by the following means:— I take charcoal, either animal or vegetable as may be found most suitable, and grind it into a powder or such sized pieces as may be 5 requisite, and put it into a proper vessel and heat it, and by so doing expel the atmospheric air; then admit to it while so heated such gas as may be required, or mixture of gases, or vapour of metal or metals, or drugs, or vapour of phosphorous, bromine, ammonia, sodine, or other materials, which the charcoal by a well-known law will then absorb 10 in various quantities according to the gas and the other named materials used. Such charcoal when so prepared may then be used as a dentrifice, or cataplasm, or anesthetic, or for other curative purposes.

And, further, I claim as my Invention the making of pills, cakes, troches, lozenges, capsules, or biscuits of charcoal or charcoal mixed 15 with other materials (to cause the compound to adhere), which may then be baked, and while in the oven, or afterwards, be charged with the gas, vapour, or drugs, as may be required; or an exhausting air pump may be attached to the oven or other vessel containing the biscuits or charcoal, so as to form a vacuum, into which the gas, gases, vapour 20 of metals or drugs may be injected or allowed to enter.

And further I claim the right to electricise such charcoal cakes or biscuits, and other similar articles when so prepared by any of the known means, and thereby increase it and their potency for the purposes before described. I also to produce the desired effects do not confine 25 myself to use one special material, but many, such as ozone, chlorine, oxygen, nitrogen, azote, carbonic acid gas, hydrogen, ammoniacal gas, nitrous oxide, or other gas or admixture of gases, or vapour of phosphorous or phosphorous acid, sodine, bromine, or other vapour of metal or metals, or drugs, 30

Also I claim the admixture of urine or other fœcal matter with charcoal or other charred substances, either when heated or otherwise, which may be then dried or evaporated in fitting vessels, and by so doing from a very powerful manure, which may or may not be then treated as before described, viz^t., by charging it with such gas or vapour, as before 35 described, or as it requires for such purposes.

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Finally. I claim the right to form such manure to mix with charcoal or soot, or other charred substances, urine or other fœcal matter, and afterwards reheat the mixture in close vessels, or to mix any refuse materials, such as wood dust of turnings, or spent tannage with the
5 urine or other fœcal matter, and burn the mixture in a retort or other closed vessel or vessels, to which may then be added (or not) such vapour, or gas or gases, as before described.

In witness whereof, I, the said Thomas Welton, have hereunto
set my hand and seal, this Eighteenth day of October, in the
10 year of our Lord One thousand eight hundred and sixty-nine.

THOMAS WELTON. (L.S.)

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