No. 791,233. PATENTED MAY 30, 1905.

C. WOLPERS.

METHOD OF TREATING RHEUMATIC OR OTHER DISEASES.

APPLICATION FILED OCT. 6, 1904.

Fig. 1.

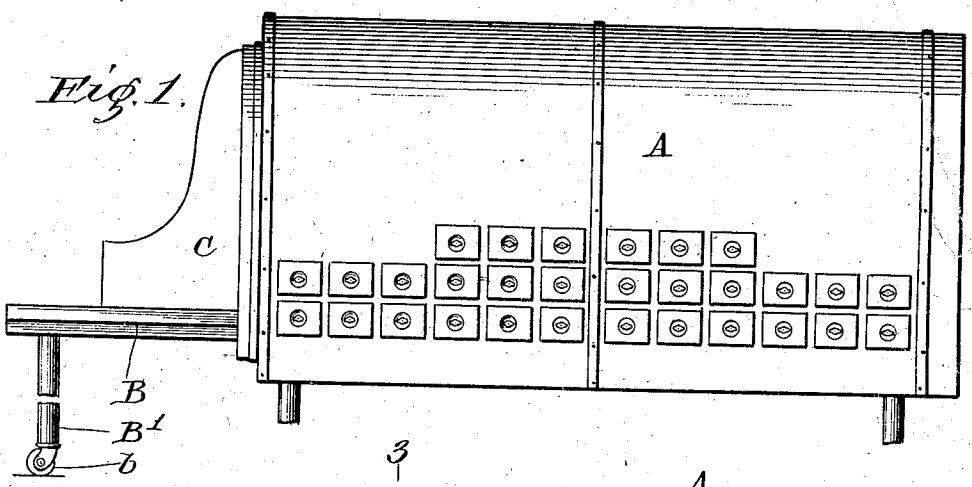



Fig. 2.

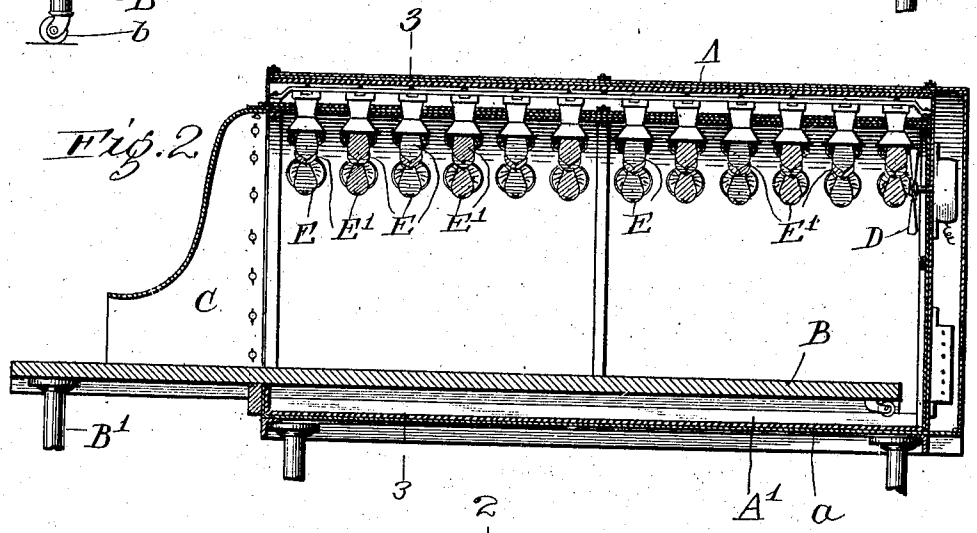
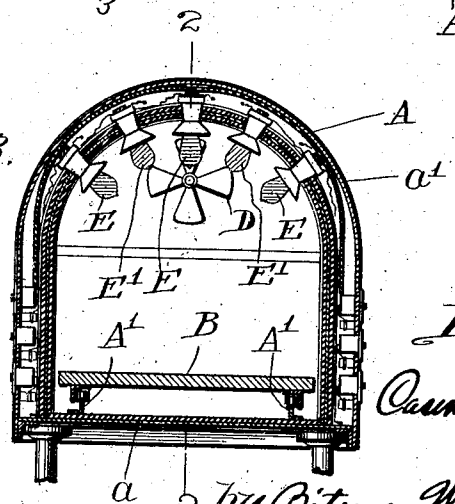



Fig. 3.




Witnesses:
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# UNITED STATES PATENT OFFICE.

CASIMIR WOLPERS, OF CHICAGO, ILLINOIS.

## METHOD OF TREATING RHEUMATIC OR OTHER DISEASES.

SPECIFICATION forming part of Letters Patent No. 791,233, dated May 30, 1905.

Application filed October 6, 1904. Serial No. 227,342.

*To all whom it may concern:*

Be it known that I, CASIMIR WOLPERS, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Methods of Treating Rheumatic or other Diseases, of which the following is a specification.

My invention relates to a certain improved method for treating rheumatic and other diseases, and the same will be fully understood from the following description.

The apparatus preferably used in practicing my improved method is illustrated in the drawings accompanying this specification, in which—

Figure 1 is a side elevation. Fig. 2 is a longitudinal section in the line 2 2 of Fig. 3, and Fig. 3 is a transverse section in the line 3 3 of Fig. 2.

The apparatus herein shown is not herein claimed, but is made the subject of a separate application filed on even date herewith by myself and Thomas F. Barrett; but it will be obvious from the following description of my method that the preferred form of apparatus can be varied to a considerable extent.

Referring to the drawings, it will be seen that the body of the apparatus consists of an oven A, having a flat base *a* and arched sides and top *a'*. The particular construction of this oven will be more fully described in the joint application above referred to. It will be seen, however, from the drawings that the walls are double and separated by an air-space to afford effective insulation. Suitable tracks A' are placed upon the bottom of the oven A, upon which tracks runs a table B, the outer end of which is supported by feet B', running on casters *b*. A hood C is provided, which fits the open end of the oven and is adapted to be drawn down about the neck of the patient to prevent the escape of heat at that end of the structure. A fan D provides for the movement of air within the oven to produce a maximum heating effect.

In the upper portion of the oven are five rows of incandescent lamps, each row in the form of device herein illustrated having twelve lights. Half of the lamps, E, are blue and the other half, E', are violet, and it will be seen from the drawings that the blue and violet lamps alternate in each row both longitudinally and transversely, so that a thorough admixture of the various lights can be obtained when desired.

In practicing my improved method a patient is wrapped in several layers of heavy cloth, preferably Turkish toweling, and reclines upon the table, which is drawn from the oven to receive him. He is then pushed into the oven and the hood is adjusted about his neck. The violet lights are then turned on for a considerable period of time, usually about fifteen or twenty minutes, after which the violet lights are extinguished and the blue lights are turned on for a like period. Thereupon all the lights are turned on and the patient is exposed to the mixed rays for a similar period. The result of this treatment is that the patient is exposed to a very considerable heat, which can be regulated by turning on any number of the lamps which may be desired, separate switches being provided for this purpose, as illustrated. The effect of the light itself, furthermore, greatly accelerates the dissolving of uric acid and urates, so that my improved method is particularly desirable with rheumatic patients. It will be obvious that smaller devices than the one herein shown can be made for treating a portion of the body only—as, for instance, the arm or leg.

I realize that considerable variation is possible in the procedure herein set forth, and I do not intend to limit myself thereto except as pointed out in the claims.

I claim as new and desire to secure by Letters Patent—

1. The herein-described method of treating rheumatic or other diseases, which consists in exposing the patient in succession to violet and blue rays of light.

2. The herein-described method of treating rheumatic or other diseases which consists in exposing the patient successively to violet and blue rays of light in a confined chamber.

3. The herein-described method of treating rheumatic or other diseases, which consists in exposing the patient to mixed violet and blue rays.

4. The herein-described method of treating rheumatic or other diseases, which consists in exposing the patient to mixed violet and blue rays within a confined chamber.

5. The herein-described method of treating rheumatic or other diseases, which consists in exposing the patient first to violet rays and then to blue rays, and subsequently to a mixture of blue and violet rays.

6. The herein-described method of treating rheumatic or other diseases which consists in exposing the patient first to violet rays of light then to blue rays of light and finally to the mixture of violet and blue rays of light all within a confined chamber.

7. The herein-described method of treating rheumatic or other diseases which consists in exposing the patient first to violet rays of light, then to blue rays of light, and finally to the mixture of violet and blue rays of light, all within a confined chamber and agitating the air within the chamber.

In witness whereof I have signed the above application for Letters Patent, at Chicago, in the county of Cook and State of Illinois, this 28th day of September, A. D. 1904.

CASIMIR WOLPERS.

Witnesses:
CHAS. O. SHERVEY,
RUSSELL WILES.