CLAIMS

1.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, which in general has the shape of a case, such as a glove or a sock, which houses the extremity to be protected, that it comprises:

- A first layer (14)
- A second inner layer or volume in the form of a paraffin-filled bladder (1), which covers the entire inner space or, partially, the areas targeted for treatment comprising resistive coils configured to heat said second inner layer.
- A very thin layer made of latex or an insulating material (4).
- An outer cover (6) that surrounds all the aforementioned layers.

Moreover, it is equipped with a control unit (12) for turning on, and for controlling the temperatures and types of currents to be applied.

Characterized in that:

- The first layer (14) is made of a porous material
- Surrounding said second paraffin layer (1), a teflon or similar splint (2) is placed in the form of a stack splint. These teflon or similar splints are equipped with means that force the finger or toe to progressively straighten.
- the means intended to progressively straighten the fingers or toes comprise wires made of Nitinol (3) or bimetallic materials placed in a spiral design or fixed to the opening of the stack splints, where the Nitinol or bimetallic material wires change their dimensions when the

temperature increases and subsequently, if the temperature decreases, recover their initial position.

2.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, according to claim 1, wherein the means of the teflon or similar splints (2) designed to progressively straighten

the fingers or toes comprise tensors or brackets or magnets on both sides under traction.

3.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, according to any of the preceding claims, equipped with wires or coils (5) placed between the thin insulating or latex layer (4) and the outer wrapping, or inside the second outer paraffin layer or volume.

4.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, according to claim 4, wherein said wires or coils (5) may be placed around each finger or toe, or as reels parallel to the back and the palm of the hand.

5.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, according to any of claims 3 or4, wherein the wires or coils (5) are preferably made of woven carbon, nichrome, nitinol or any other conductive element, such that, when heated to a given temperature, the paraffin melts.

8.- Device for the treatment of arthritis, arthrosis, chronic inflammations, pain reduction and muscle tension in the extremities, according to any of the preceding claims, wherein the control unit (12) of the device comprises:

- a switch (8) for turning on and off
- a temperature remote control (9)
- a current remote control (10) for application in electrotherapy
- An electronic circuit (6) wherein all the circuits directed to each of the fingers or toes are controlled.
- Supply means, which comprise a rechargeable battery (7), and are equipped with a charging point (13) from the power supply network.