

ing foods and other substances, the combination of a main case with a projection attached to the neck or opening of said case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to fit in said recess and rest upon said shoulder and extended to or near to the end of the bottom of the case, and provided with a removable bottom having a central orifice closed by a plug or valve, partition walls between the secondary case and the main case sub-dividing the space between them into two or more compartments and provided with apertures and valves closing the same and means to operate the valves externally, a thermo electric pile consisting of alternate metallic plates or conductors of dissimilar metals connected at their alternate ends so as to form a continuous path for an electric current, and a cover over said projection and means to secure the same in place hermetically. 7th. In an apparatus for handling and preserving foods and other substances, the combination of a case with a projection attached to the neck or opening of said case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon said shoulder in said interior recess and extended to or near the bottom of the main case and provided with a removable bottom having an orifice closed by a plug or valve, partition walls between the secondary case and the main case sub-dividing the space between them into two or more compartments, cross walls extending from one partition wall to the other provided with thermo electric piles, and further sub-dividing the space into two or more compartments, the connecting ends of said piles extended beyond the cross walls lineally so as to form points of connection and attachment in said partition walls and a cover over said projection and means to secure in place hermetically. 8th. In an apparatus for handling and preserving foods and other substances the combination of a case with a jacket of porous or absorbent material enveloping the case or cases externally provided with electric conductors of different conductive power connected with each other to form a continuous path for an electric current and interlaced within said jacket. 9th. In an apparatus for handling and preserving foods and other substances the combination of a case with projection attached to the neck or opening of the case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon said shoulder in said interior recess and extending to or near to the bottom of the main case and also provided with a removable bottom having a central orifice closed by a plug or valve, electric mats consisting of material of fibrous or porous construction placed on suitable supports within said case containing electric conductors arranged to form a path for an electric current, and also arranged to produce electrolytic action at given places and a cover over said projection and means to secure the same in place hermetically. 10th. In an apparatus for handling and preserving foods and other substances the combination of a main case with pipes entering said case for the admission and exit of a current, and provided with stop cocks, or other means for regulating the entrance and exit of a current, an electric sterilizer enclosed within a case placed between sections of the said pipe, the case forming a section thereof, and a cover provided with means to secure the same in place hermetically. 11th. In an apparatus for handling and preserving foods and other substances the combination of a main case with sub-interior cases enclosed by an envelope and extended from the neck to the bottom of the main case provided with removable bottoms which are provided with valves or plugs, partition walls between said envelope enclosing said sub-interior cases and the main case, sub-dividing the space between them into two or more compartments and a cover for said case provided with means to secure the same in place hermetically. 12th. In an apparatus for handling and preserving foods and other substances the combination of a case with pipes entering said case for the admission and exit of a current, provided with stop cocks, or other means for regulating the entrance and exit of a current, a cage or receptacle containing sterilizing material connected to the admission and exit pipes in such manner that all the current entering or flowing out through the inner ends of said pipes shall pass through the sterilizing material, and a cover to said case and means to secure the same in place hermetically. 13th. In an apparatus for handling and preserving foods and other substances the combination of a case with a projection attached to the neck or opening of said case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon said shoulder in said interior recess and extending to or near to the bottom of the main case and provided with a removable bottom having a central orifice closed by a plug or valve, a plate adapted to fit in said recess, and form cap or cover to said secondary case, partition walls between the secondary case and said secondary case, and said case sub-dividing the space between them into two or more compartments, sub-interior cases placed within the secondary case or within an envelope placed therein, and also provided with covers and means to hermetically seal them, and having removable bottoms which are provided with valves or plugs, and a cover or covers to the openings of the case or cases, and means to secure them in place hermetically. 14th. In an apparatus for handling and preserving foods and other substances, the combination of a main case, with a projection attached to the neck or opening of said case provided with an interior recess with a shoulder and of sufficient depth to receive the rims of the enclosed cases and a plate, and leave a space or chamber between the plate, and a cover placed on top of the projection, a secondary case provided with a rim adapted to rest upon the shoulder of said interior recess, and extended to or near to the bottom of the main case, and provided with a removable bottom having

an orifice closed by a plug or valve, a plate adapted to form a cap or cover to said secondary case and to rest upon and cover the rims thereof, partition walls between said secondary case and the main case sub-dividing the space between them into two or more compartments, sub-interior cases placed within the secondary case or within an envelope placed therein provided with covers, and means to hermetically seal the same and with removable bottoms which are provided with valves or plugs, and a cover or covers to the openings of the case or cases, and means to secure them in place hermetically. 15th. In an apparatus for handling and preserving foods and other substances, the combination of a case with a projection attached to the neck or opening of the case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon the shoulder in said interior recess, and extending to or near to the bottom of the main case, and provided with a removable bottom having a central orifice closed by a plug or valve, a plate adapted to fit in said recess and form a cap or cover to said secondary case, a piston fitting in said secondary case and adapted to be operated therein, a bottom to the said main case provided with an orifice to the interior thereof closed by a removable plug, and adapted to coincide with the orifice in the bottom of said secondary case, and a cover or covers to the opening of the case, and means to secure them in place hermetically. 16th. In an apparatus for handling and preserving foods and other substances, the combination of a main case with a projection attached to the neck or opening of a case provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon the shoulder in said interior recess, and extending to or near to the bottom of the main case, and also provided with a removable bottom having a central orifice closed by a plug or valve, a plate adapted to fit in said recess and form a cap or cover to said secondary case, partition walls between the secondary case and the main case subdividing the space between them into two or more compartments, a thermo electric pile placed within the partition walls consisting of alternate metallic plates or conductors of dissimilar metals, connected at their alternate ends so as to form a continuous path for an electric current, cross walls provided with thermo electric piles and with the connecting ends of said piles extended beyond the said cross walls lineally so as to form points of attachment in said partition walls, electric mats consisting of a mat of material of fibrous or porous construction placed on suitable supports containing electric conductors arranged to form a path for an electric current, and also arranged to produce electrolytic action at given places, and a cover or covers to the openings of the case or cases, and means to secure them in place hermetically. 17th. In an apparatus for handling and preserving foods and other substances, the combination of a main case, with a projection attached to the neck or opening of said case, provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon the shoulder in said interior recess, and extending to or near to the bottom of the main case, and provided with a removable bottom having an orifice closed by a plug or valve, a plate adapted to fit in said recess and form a cap or cover to said secondary case, partition walls between the secondary case and the main case, sub-dividing the space between them into two or more compartments, cells or recesses placed within the apparatus at any required places, and adapted to hold capsules and materials, the cells containing materials, being provided with covers, and the covers and capsules constructed of materials adapted to be dissolved or broken away by the application of heat, moisture or other means, at the will of the operator, and a cover over said projection and means to secure the same in place hermetically. 18th. In an apparatus for handling and preserving foods and other substances, the combination of a main case, with a projection attached to the neck or opening of said main case, provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon the shoulder in said recess, and extending to or near to the bottom of the main case, a plate adapted to fit in said recess and form a cap or cover to said secondary case, partition walls between the secondary case, sub-dividing the space between them into two or more compartments, a thermoelectric pile, consisting of alternate metallic plates or conductors of dissimilar metals connected at their alternate ends, adapted to form a continuous path for an electric current, cross walls extending from one partition wall to the other, provided with thermo electric piles, and further sub-dividing the space into two or more compartments, the connecting ends of the piles extended beyond the cross walls lineally so as to form points of attachment in the partition walls, sub-interior cases placed within the secondary case or within an envelope placed therein, and also provided with covers and means to hermetically seal them, and with removable bottoms, which are provided with valves or plugs, and a cover over said projection, and means to secure it in place hermetically. 19th. In an apparatus for handling and preserving foods and other substances, the combination of a main case with a projection attached to the neck or opening of the main case, provided with an interior recess with a shoulder, a secondary case provided with a rim adapted to rest upon the shoulder of the interior recess of said projection, and extending to or near to the bottom of the main case, and provided with a removable bottom having an orifice closed by a plug or valve, partition walls between the secondary case and said main case, sub-dividing the space between them into two or more compartments, and a cover to said projection, and means to secure the same in place. 20th. In an apparatus for handling and preserving foods and other substances, the combina