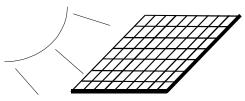


PATENTE EN TRAMITE NO. 04.038.137 27/04/2004



Proyectos Solares Inteligentes

## Ing. LUIS GABRIEL BECERRA RIVEROS UNIIVERSIDAD PEDAGÓGICA Y TECNOLÓGICA DE COLOMBIA



 $\stackrel{<}{\hookrightarrow}$  Equip of high technology that combines the Solar energy with the conventional electric power in form combined by means of a digital system.

☆ Completes functions of Solar Oven for Solid foods As Meat, chicken, fish, Rice, vegetables, cookies, Bread, etc. and also for cooking of liquids as Milk, Coffee, Chocolate, creams, etc. by means of a pot designed especially for these purposes.

3 Also acts as passive refrigerator conserving foods refrigerated for more than 12 hours without energy consumption.

 $\therefore$  Also Works at night or in closed enclosures with consumption maximum of 500Watts (25% of the consumption of conventional Oven of the same capacity)

☆ Maximum temperature 370°f=188°c.(radiación direct) - 110°f(radiación diffuse).

 $\stackrel{_{}}{\otimes}$  Volumetric capacity of 60 liters (12 pounds of foods in 1 hour) with normal radiation 1kw / m<sup>2</sup>.

CONTACTS Carrera 23 No 23-60 Duitama- Boyacá- Colombia Telefax: (57-98)7600467 Cels. 3002220241 E-mail: proyectosolar@yahoo.com, ingenieroselectromecanicos@yahoo.com.mx