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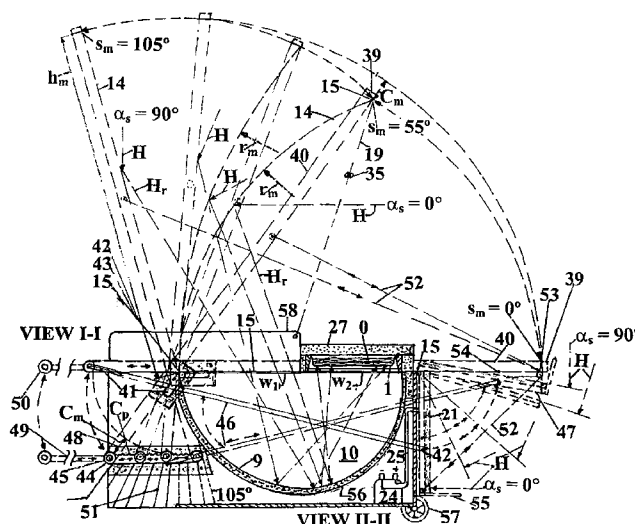
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(54) Title: METHOD AND APPARATUS FOR ACHIEVING WORLDWIDE REDUCTION OF CARBON DIOXIDE EMIS-
SIONS AND DEFORESTATION



(57) Abstract: Method and apparatus enabling worldwide reduction of carbon dioxide emissions and/or deforestation, earning emis-
sion credits, monetizing values of tradable emission rights/credits accruing from emissions avoided by using the apparatus to pay for
the cost of the apparatus and/or to provide ongoing revenue thereby inducing many people to substitute carbon containing fuels for
cooking and/or electricity needs by a synergic combination of cooking (0) and/or electricity generation (21) on sunlight (H) through
a low cost two-axis easy sun tracking mechanism including a bendable mirror (14) having variable curvatures r_m and tilt angles s_m
optimized for the solar altitudes α_s at the latitudes, seasons and day times from equator to arctic, resulting in greatly augmented cook-
ing power enabling high quality meals (0) through much shorter cooking times and/or longer/higher PV cell (21) outputs charging
batteries (24) powering lights, refrigerator, television, computer, enabling worldwide education and sustainable development.

WO 2004/109195 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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