

[54] METHOD AND APPARATUS FOR ALTERING A REGION IN THE EARTH'S ATMOSPHERE, IONOSPHERE, AND/OR MAGNETOSPHERE

[75] Inventor: Bernard J. Eastlund, Spring, Tex.

[73] Assignee: APTI, Inc., Los Angeles, Calif.

[21] Appl. No.: 690,333

[22] Filed: Jan. 10, 1985

[51] Int. Cl. 4 ...

[52] U.S. Cl. ...

[58] Field of Se

[56]

Liberty Magazine
New York Times
reference.

New York Times (12/8/15) p. 8 Col. 3.

Primary Examiner—Salvatore Cangialosi
Attorney, Agent, or Firm—Roderick W. MacDonald

[57] ABSTRACT

A method and apparatus for altering at least one selected region which normally exists above the earth's surface. The region is excited by electron cyclotron resonance heating to thereby increase its charged particle density. The region is excited by a circularly polarized

perconducting magnets to weigh roughly 42,000 pounds and can be readily air lifted.

This invention has a phenomenal variety of possible ramifications and potential future developments. As alluded to earlier, missile or aircraft destruction, deflection, or confusion could result, particularly when relativistic particles are employed. Also, large regions of the atmosphere could be lifted to an unexpectedly high altitude so that such regions are unexpected and un-

der drag forces with resultant destruction or deflection of same. Weather modification is possible by, for example, altering upper atmosphere wind patterns or altering solar absorption patterns by constructing or more plumes of atmospheric particles which will

ther, more focusing device. Also as stated can take place so that positive environmental effects can be achieved. Besides actually changing the molecular composition of an atmospheric region, a particular molecule or molecules can be chosen for increased presence. For example, ozone, nitrogen, etc. concentrations in the atmosphere could be artificially increased. Similarly, environmental enhancement could be achieved by causing the breakup of various chemical entities such as carbon dioxide, carbon monoxide, nitrous oxides, and the like. Transportation of entities can also be realized when advantage is taken of the drag effects caused by

clearly transmitted upward in a device and along a field line number of plasma to be aligned at a frequency which I chance to heat and acceleration. Increase in energy can exist particles which are then radiated thereby increasing the netic region.

ing figures

Abb. 14: Ausschnitt aus der US-Patentschrift Nr. 4 686 605 für Bernard Eastlund vom 11. 8. 1987. Das Patent wurde erteilt für »eine Methode und Apparatur zur Veränderung einer Region in der Erdatmosphäre, Ionosphäre und/oder Magnetosphäre«. Es handelt sich um eines der Grundlagenpatente für das HAARP-Projekt. In der Patentschrift heißt es ausdrücklich, daß die dort beschriebene Anlage unter anderem auch zur Wettermanipulation geeignet ist.