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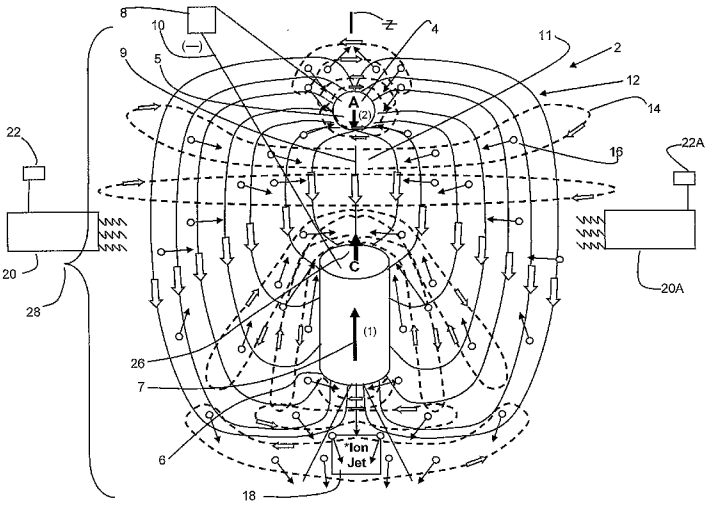
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(54) Title: SYSTEM, APPARATUS, AND METHOD FOR INCREASING PARTICLE DENSITY AND ENERGY BY CREATING A CONTROLLED PLASMA ENVIRONMENT INTO A GASEOUS MEDIA



(57) Abstract: The present invention provides a method, apparatus, and system to overcome the space charge limitations in a gaseous media by introducing a controlled plasma environment into the gaseous media. The present invention uses the gaseous media to provide the energy thereto and create an electrical field, but can energize the field by several orders of magnitude without substantially discharging the field. This extraordinary increase in energy is accomplished in part by increasing plasma density, plasma energy (and an equivalent plasma temperature) and related particle velocity, or a combination thereof. The increase allows the use of ionic energy for practical applications that heretofore has been unavailable.

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