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The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

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Patent

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(54) **LED LAMP STRUCTURE FOR THE REDUCTION OF THE ENVIRONMENTAL MICROBIAL LOAD**

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See application file for complete search history.

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(57) **ABSTRACT**

Purpose of the present invention is to provide a basic structure for a LED lamp, that is comprised of an aluminum core circuit board, and a base combination of violet-blue LEDs emitting visible electromagnetic radiation which wavelength has a peak that is comprised in given intervals, and that, because of the technical and constructive characteristics of the device, will allow it to break down the microbial load present in any environment, without creating any adverse or dangerous effects for human beings or animals that live there.

15 Claims, 3 Drawing Sheets

