

(54) Title of the invention : “COMPACT AND LIGHTWEIGHT OPTICAL SYSTEMS FOR VIRTUAL REALITY (VR) AND AUGMENTED REALITY (AR) DEVICES”

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(57) Abstract :
 “COMPACT AND LIGHTWEIGHT OPTICAL SYSTEMS FOR VIRTUAL REALITY (VR) AND AUGMENTED REALITY (AR) DEVICES” The present invention provides a compact and lightweight optical system for virtual reality (VR) and augmented reality (AR) devices. The system is economical. Easy to operate and use. The system is time efficient. The system includes display portions, at least one electronic device, a communication module, and a processor. The display portions are for forming virtual images through projectors. The electronic device is wirelessly linked to the system. The communication module includes a data receiver that receives data from the electronic device; and a data transceiver that transfers data to the electronic device and/or to the available sources. The processor actuates the projectors to display the data as a virtual and augmented reality. The system is equipped with at least one sound amplifying module. Figure 1

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