

RADIATION SHIELDING DEVICE

TECHNICAL FIELD
Medical Device

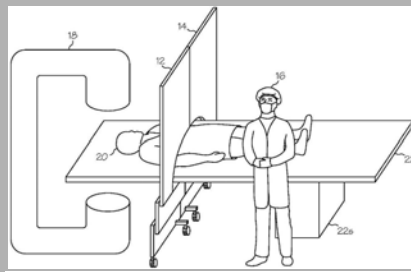
APPLICATION
This device eliminates radiation exposure to medical professionals while performing medical procedures.



DESCRIPTION

Dr. Costea has created a lightweight, radiation shielding device. Made of transparent leaded material, the device reduces the radiation exposure of the medical professionals to almost zero, without decreasing their range of motion, visual contact with patients or the capability of performing fine movements with their hands and fingers. The dual shields are placed on wheels which are positioned in a tripod shape, one set on the external side and two separate sets on the other.

The shields' positioning, which is opposite to the radiation tube and the patient's chest, provides medical professionals the flexibility of either standing or sitting while conducting medical procedures. While offering maximum radiation protection to the medical professionals' entire body, these shields are easy to construct at an economical cost.



ADVANTAGES

- Eliminates radiation exposure to medical professionals
- Allows medical professionals to utilize full range of motion
- Mobile and adjustable

INVENTOR

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STATUS

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