

## International Exhibition of Inventions of Geneva 2018 Diploma & Silver Medal Ștefan PAVEL, PhD

The event *International Exhibition of Inventions of Geneva* took place in Switzerland, in the period of 11-15 april, 2018, where the following invention was presented: PORTABLE DEVICE FOR PAIN SIGNALING, OR DISCOMFORT DURING THE DENTAL PROCEDURES.

The awards won at this event are as follows:

- Diploma of the *International Exhibition of Inventions of Geneva*, with a silver medal;
- The international innovation award of the Polish Academy of Sciences, *Institute of Genetics and Animal Breeding from Poland* with diploma and medal.

The author of the invention presented at this event carry out their professional activity in Politehnica University Timișoara, at *Research Institute for Renewable Energy*.

The invention relates to a portable electrical device for signaling pain, sensitivity or discomfort during a dental medical act.

The advantages of this invention are as follows:

- The device is easily maneuverable and attached to the dental chair;
- Optionally providing a luminous, acoustic and (or) voice signaling of a patient's pain or discomfort during dental procedures;
- Provides safety in operation by using low-voltage currents and simplicity of electrical controls;;
- Ensures an almost instantaneous alert when the patient is in pain or discomfort.

