

47th International Exhibition of Inventions Geneva 2019 Gold Medal, Taiwan Medal, “Vincit Amor Patriae” Medal & Diplomas Roland SZABO, PhD & Aurel GONTEAN, PhD

The event 47th International Exhibition of Inventions of Geneva took place in Switzerland, in the period of 10–14 April, 2019, where the following invention was presented: PORTABLE FLASH MEMORY ON THE ETHERNET INTERFACE.

The prizes won at this event are the following:

- Diploma of the 47th International Exhibition of Inventions of Geneva 2019, accompanied by a gold medal with congratulations of the jury;
- Special award from the Taiwan Inventions Association with a diploma and medal;
- “Vincit Amor Patriae” award from the Romanian Research and Innovation Minister with a diploma and medal.

The authors of the invention presented the invention at this event and carried out their professional activity in the Politehnica University Timișoara, Faculty of Electronics, Telecommunications and Information Technologies, Applied Electronics Department.

The invention relates to a portable flash memory on an Ethernet interface, designed to increase the transfer speed when copying small files and / or increasing the transfer distance.

The advantages of this invention are as follows:

- The possibility to have a portable flash memory type with much faster write / read speed (even for many and small files) than the other solutions of portable flash memories on USB interface;
- Simplicity;
- Compatibility with existing switches and PCs.

