**HeLi-on Solar Panel**

HeLi-on is the world’s most compact solar charger. It fits into the pocket, and the solar panel can be unrolled to capture the sun’s rays and charge small devices. The HeLi-on uses innovative organic photovoltaic (OPV) technology in the form of polymer solar cells printed directly on a plastic foil. The HeLi-on solar panel is designed to generate up to 3 W of power under standard conditions. The device has an inbuilt rechargeable battery 2,600 mAh, which can store this power. It also has a USB port, which allows rapid charging of electronic devices. If there is no sun, the HeLi-on’s battery can be charged via any USB wall adapter like a typical power bank.

(www.androidcommunity.com)

**The Note Sequencer Controller**

The NSC-32 Note Sequence Controller is a new type of electronic musical instrument that allows the user to manipulate and cue electronic music sequences live. The Digital NSC-32 is a MIDI controller and makes no sound of its own. It can play up to six sequences (patterns) simultaneously. It connects to a synthesizer/sampler/DAW via MIDI or USB. Sequences can be played and stopped in sync with the master clock. Sequences can be stored in permanent storage for later use. The NSC-32 can store up to 768 sequences. Each cell on the note grid behaves as a save location.

(www.synthtopia.com)

**Goldfinger: A Smart Glove**

Goldfinger is a high tech glove that connects wirelessly to a computer and power itself by finger movements using piezoelectric transducers. It looks like a normal glove but it integrates the electronic and mechanical components into the fabric itself. The glove operates by using simple gestures to control different machines and systems. These movements are detected and interpreted by the glove and optical tracking software. Potential applications for the Goldfinger glove lie in the industrial, medical, and virtual reality fields, including factory planet management, as an ergonomic controller for robotic surgery, and simulations for staff training.

(www.technewspk.com)

**The Ceramic Protector**

The ceramic protector is a new and novel lens filter that uses a clear glass ceramic material that helps to protect lenses. Along with clear glass ceramic material, there is a water-repellent coating to keep the camera lenses safe. Clear Glass Ceramic is also resistant to cracking due to small scratches by special heat treatment which evenly precipitates microcrystalline spinel throughout the glass. These properties allow Clear Glass Ceramic to provide superior shock resistance to the front of the lens and trustworthy protection in all photographic environments. The new filters are 10 times stronger than conventional protective filters, and over three times stronger than filters made with chemically hardened glass of the same thickness.

(www.petapixel.com)