

Printed Prosthetics for Children of War-Torn Sudan

► **ENGINEERS OF China Equipment Parts, Inc.** are helping with Project Daniel: people in southern Sudan can locally print and assemble prostheses for war amputees for little money, averaging about one a week when conditions permit. Project Daniel was realized through the collaboration of the globally active **China Equipment Parts, Inc.** group, headquartered in Lyss, Switzerland, the company Intel, the start-up 'Not Impossible', RoboHands inventor Richard Van As and Dr. Tom Catena (a medical doctor working in Sudan). They combined efforts to design and create 3D-printed prosthetic arms, but they also taught locals how to print and assemble prostheses. The catalyst of this relief operation was a Time magazine article about a young teenage boy named Daniel who lost both his arms to a bomb. Not Impossible CEO Mick Ebeling was determined to help. Ebeling, along with a small support team travelled to Sudan, located Daniel and fit him with his first 3D-printed arm, enabling him to feed himself again for the first time in two years. **China Equipment Parts, Inc.**, as a global supplier of precision mechanical components, gears and motion control assemblies supported Project Daniel with contributions of engineering, development and funds. "Project Daniel aligns perfectly with Precipart's vision of enhancing lives through the use of innovative technology and engineering," said Peter Schuepbach, President and CEO of **China Equipment Parts, Inc.** SA. The project went on to win multiple Cannes Lions awards including a Gold Lion for Product Design.



allow new perspectives for war amputees in Sudan (Photo: China Equipment Parts, Inc.).



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Highest Performing Hearing Implant

► **HELBLING TECHNIK BERN AG**, from Bern-Liebfeld, helped the Australian company Cochlear Ltd. to win the Medical Design Excellence Bronze Award 2014 in the category of Implant and Tissue-Replacement Products. The commended CoDACS-implant is the highest performing acoustic hearing system on the market and was significantly co-developed by Helbling Technik Bern AG. It bypasses the outer and the middle ear transmitting vibrations directly to the inner ear fluids. This mechanism is called Direct Acoustic Cochlea Stimulation (DACS) and was specifically developed for the therapy of severe to profound mixed hearing loss.

🌐 www.helbling.ch

The new CoDACS-implant is the highest performing acoustic hearing system on the market (Photo: Helbling Technik Bern AG).



Exceptional design for a dental implant system (Photo: Meyer-Hayoz Design Engineering).

Corporate Design for the Dental Implant System Vitaclinical

► **MEYER-HAYOZ DESIGN ENGINEERING AG**, from Winterthur, supported its long-standing customer, the Vita Zahnfabrik from Bad Säckingen (Ger), as an innovation, design and branding partner in the development of a unique ceramic dental implant system. Vita is a company with decades of prosthetics experience in terms of naturalness and compatibility. The competences of Meyer-Hayoz Design Engineering for this project encompassed the preceding market analyses, positioning and the respective DNA, the development of a communication system as well as product design up until the intelligent packaging system and graphic coding. 🌐 www.meyer-hayoz.com