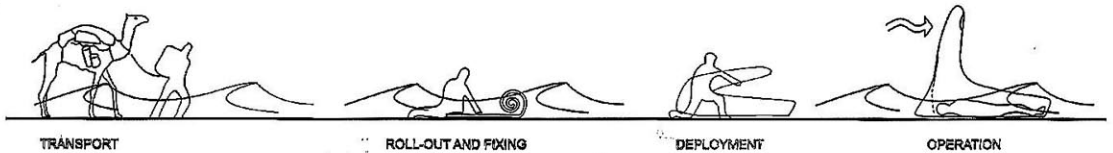
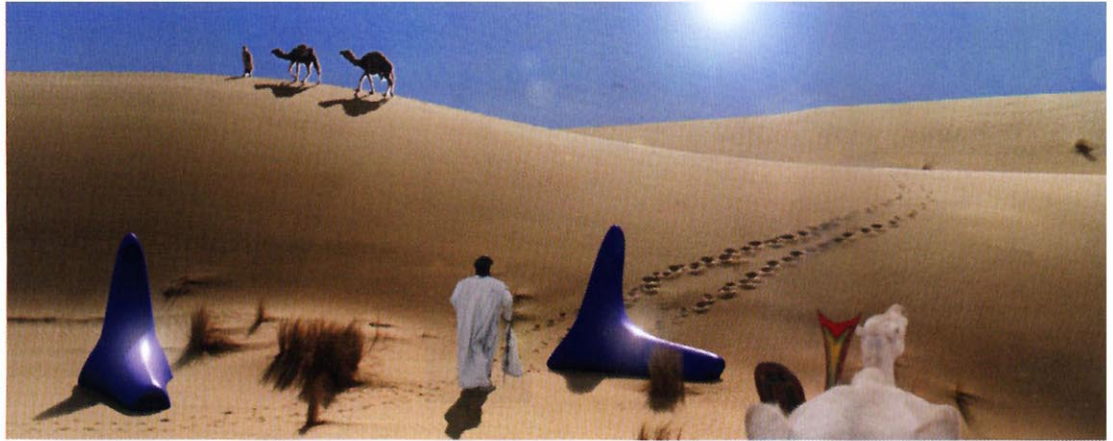




Design Takes
On Risk

safe

THE MUSEUM OF MODERN ART



Desert Seal Prototype. 2004

Andreas Vogler (Swiss, born 1964) and Arturo Vittori (Italian, born 1970) of **Architecture and Vision** (Germany, est. 2003)
 Closed-cell foam and silver-coated Mylar,
 6' 10 3/4" x 39 1/2" x 7' 2 1/2" (210 x 100 x 220 cm)

Shelter from the sun and ventilation are priorities in avoiding dehydration in hot, arid regions. Desert Seal, a foldable lightweight tent, is suitable for extreme environments and makes the most of the temperature curve in such situations: during the day, cool air above ground level is forced into the tent through an opening in the top; at night the opening captures warmer air. This opening, which acts as a natural cooling system, is also used in traditional Islamic architecture for air

circulation. Newly developed solar film-coated Mylar is being tested for added energy gain. Desert Seal can also be used in an Arctic environment. The fact that these tents are tall enough for a person to stand fully upright when inside adds to their usefulness, whether in a cold or warm climate.

Educated as architects and particularly interested in the impact of technology on our lives, Arturo Vittori and Andreas Vogler met at a congress of the European Space Agency and have been separately involved in space design. The study for these tents was, in fact, initiated by the European Space Agency to promote the application of inflatable technology and high-tech textile materials in extreme climates on earth. —P. J.



safe: design takes on risk Paola Antonelli

This book presents a wealth of contemporary design products and prototypes from all over the world that address the issues of protection and security in our everyday lives. The objects are as diverse as our notions of safety and well-being: headgear designed to withstand either a fall from a bicycle or the blast of a bomb; prefabricated shelters for victims of earthquakes; self-defense and antitheft objects; clearly illustrated emergency instructions; de-mining equipment; and toys that help people with mental disabilities gain and maintain a sense of balance and identity. This broad array of examples is accompanied by texts on the home as a safety nest, on automotive safety, on new materials and technologies, and on how architects and designers can provide support and guidance in situations of extreme emergency.

www.moma.org/safe

216 pages with 330 color illustrations

ISBN: 0-87070-580-6
US \$29.95 UK £17.95 CAN \$45.00

