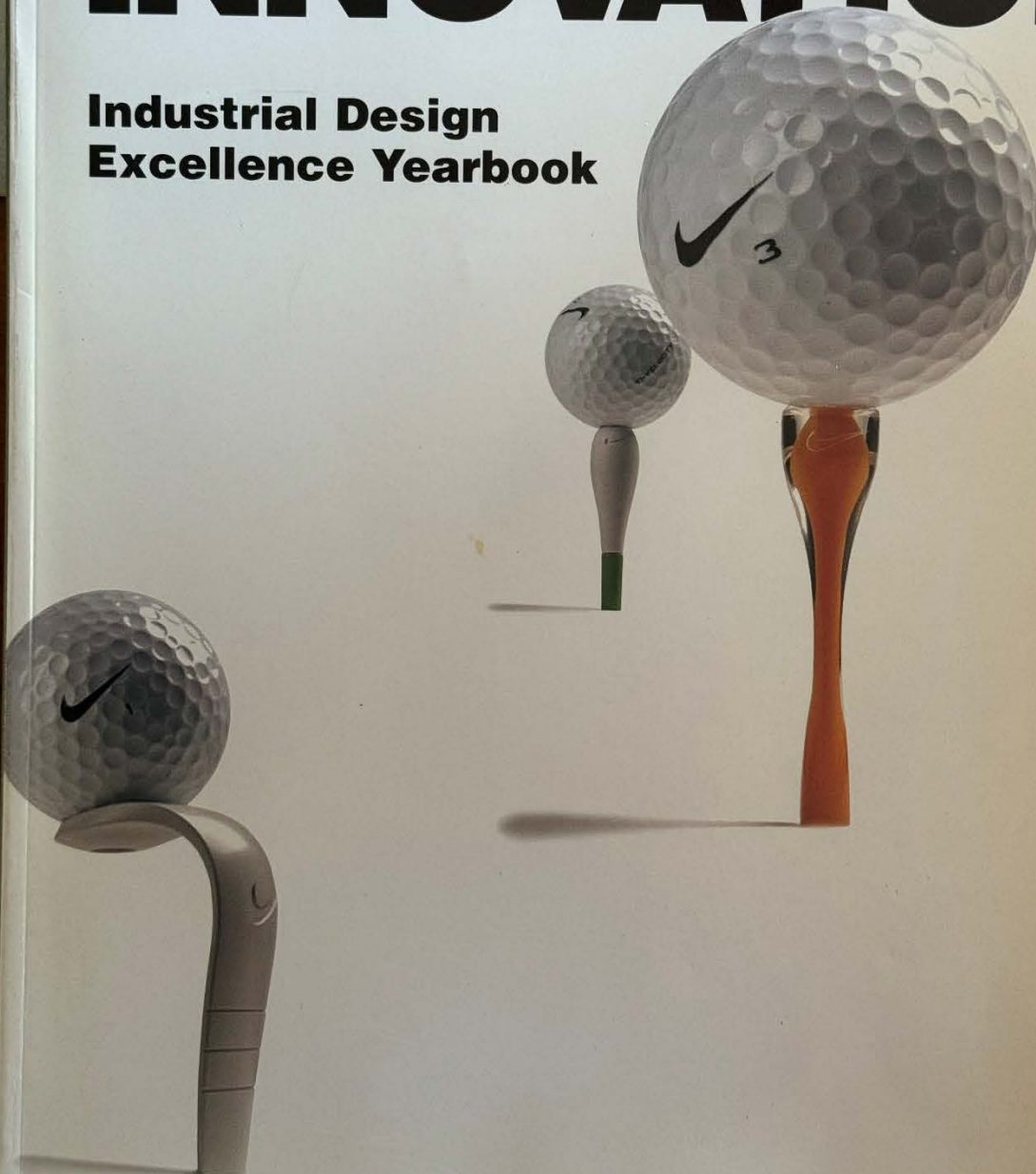


QUARTERLY OF THE INDUSTRIAL DESIGNERS SOCIETY OF AMERICA **FALL 2004**

INNOVATION

**Industrial Design
Excellence Yearbook**



YEARBOOK OF INDUSTRIAL DESIGN EXCELLENCE

- 9 **From the Editor**
By Mark Dziersk, FIDSA

- 12 **Patrons of Industrial Design Excellence**

- 13 **Letters to the Editor**

- 15 **Surprises Around Every Corner**
By Bruce Nussbaum, H/IDSA

- 238 **IDEA2004 Winners Index**

DESIGN & BUSINESS CATALYST AWARDS

- 16 **Kicking the Design Awards into High Gear**
By Steve Russak, IDSA, Catalyst Jury Chair

- 17 **2004 Catalyst Awards Jury**

- 18 **DeWalt® Heavy Duty Worksite Radio/Charger Charge It!**
By Daniel F. Cuffaro, IDSA, and Robert Welsh, IDSA
Putting a battery charger and radio together in one unit was risky, but it paid off multifold, truly exemplifying the power of design.

- 25 **SPOT
Brilliantly Simple**
By Monty Montague, IDSA

- 26 **Puritan Bennett Breeze SleepGear™ CPAP Interface System Breathe Easy**
By Jennifer Evans Yankopolus

INDUSTRIAL DESIGN EXCELLENCE AWARDS

- 28 **The IDEA Goes Global**
By Ravi Sawhney, IDSA, IDEA 2004 Jury Chair

- 30 **IDEA 2004 Jury**

BUSINESS & INDUSTRIAL EQUIPMENT

- 37 **ApproTEC MoneyMaker Deep Lift Pump Digging Deeper**
By IDEO and ApproTEC

Now small farmers can reduce their dependency on seasonal rains and the quality of life for many African communities can be improved.

- 40 **Argus®3 Thermal Imaging Camera Life Just Got Safer for the Everyday Hero**
By James Lamb, I/IDSA

The Argus3 is a lesson in how learning from your customers, in this case, grueling firefighters in training, can mean all the difference.

- 45 **Vocera Communications Badge Instant In-Building Communication**
By IDEO and Vocera

Sci-fi has arrived! Wireless communication no longer has to be banned from hospitals with this wearable, voice-activated device.

- 48 **Silver & Bronze Business & Industrial Equipment Winners**

COMPUTER EQUIPMENT

- 52 **17", 19" LCD Monitor-SyncMaster 173P, 193P Slim & Simple**
By Eui Seok Kim

Goodbye beige; goodbye clunky. These monitors offer streamlined functionality and a clean, modern look with their glossy white and polished aluminum finish.

- 55 **HP Scanjet 4670 A Window on the Future**
By Mo Khovaylo and Davin Stowell, IDSA

Cumbersome and intimidating, the scanner used to be the office equipment people loved to hate. Ultra-thin technology has finally produced an engaging, elegant and easy-to-use alternative.

Subscriptions

Within the US \$50 per yr.
International \$95 per yr.

Single Copies

	Member	Non-Member
Spring	\$15	\$20
Summer	\$15	\$20
Winter	\$15	\$20
Fall/Yearbook	\$35	\$40

Cover: Bronze IDEA-winning Nike High Performance Golf Tees designed by Altitude, Nike and Scott Models. See page 138.

Innovation is the quarterly journal of the Industrial Designers Society of America (IDSA), the professional organization serving the needs of US industrial designers. Reproduction in whole or in part—in any form—without the written permission of the publisher is prohibited.

The opinions expressed in the bylined articles are those of the writers and not necessarily those of IDSA. IDSA reserves the right to decline any advertisement that is contrary to the mission, goals and guiding principles of the Society. The appearance of an ad does not constitute an endorsement by IDSA. All design and photo credits are listed as provided by the submitter. *Innovation* is printed on recycled paper with soy-based inks. The use of IDSA and FIDSA after a name is a registered collective membership mark.

Innovation (ISSN No. 0731-2334) is published quarterly by the Industrial Designers Society of America (IDSA)/Innovation, 45195 Business Ct., Suite 250, Dulles, VA 20166. Periodical postage at Great Falls, VA 22066 and at additional mailing offices. POSTMASTER: Send address changes to IDSA/Innovation, 45195 Business Ct., Suite 250, Dulles, VA 20166, USA.

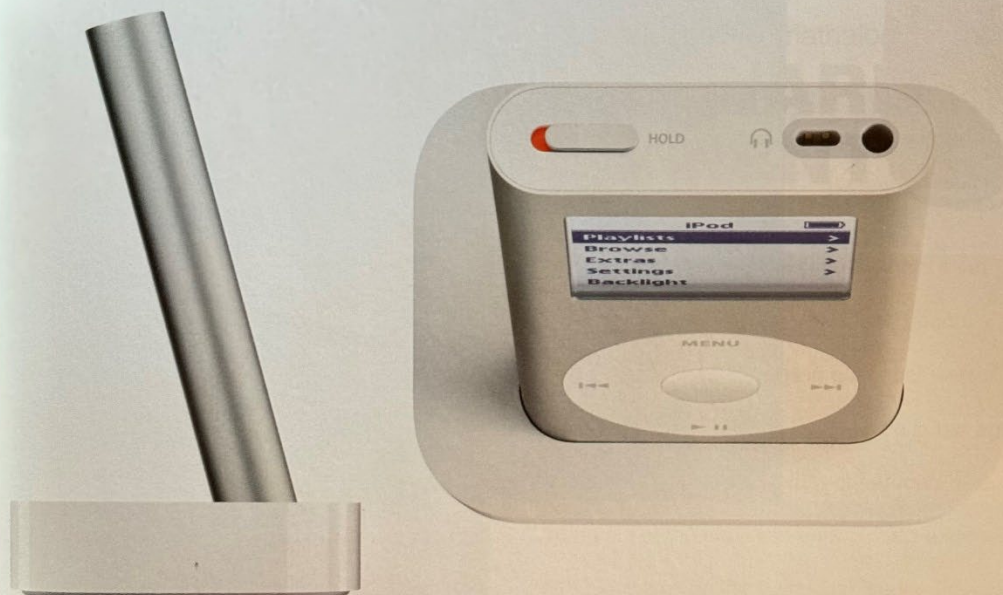
© 2004 Industrial Designers Society of America. Vol. 23, No. 3, 2004; Library of Congress Catalog No. 82-640971; ISSN No. 0731-2334.

A complete index of all articles published in *Innovation* is now available online at www.idsa.org. The most recent index update was sponsored by Alistair Hamilton, IDSA. Bulk orders: Special prices can be arranged with the Editor. Back issues: Available on request.



“Like a modern touchstone, the iPod Mini is a product that people will **love to hold**. The designers skillfully integrated the satin aluminum case with flush controls and a simple touchpad interface to create a **jewel-like piece of technology**.”

—Monty Montague, IDSA, Design Principal, BOLT



plastic. An extruded tube allowed a similar level of simplicity with the iPod mini, showing only one material break at a time where the tube meets either the top or the bottom cap. Aluminum provides the best properties for extruding a seamless tube of material that would be strong yet lightweight.

The mini's electronics are contained within the mini tube by twin-shot plastic end caps, the Click Wheel and a hard-coated acrylic window. And the product comes in five colors (silver, gold, green, pink and blue),

enabling consumers to pick the iPod that suits them best or to coordinate it with their wardrobe.

The shape, small size and light weight of iPod mini allow it to work with some new accessories. The mini snaps in and is cradled by a belt clip and armband clip, enabling the user to exercise without even noticing that it's there. Like other iPods, users can also use the mini with an iPod dock connected directly to a Mac or PC.

Like the iPods before it, the mini is making music lovers tap their feet. ■