NATIONAL GEOGRAPHIC

CONTENIDO

VOLUME 221 No.4, APRIL 2012

36 Climb of Her Life.

Her husband turned back. Gerlinde Kaltenbrunner pluged ahead in a risky effort to conquer K2.

Chip Brown.

Photographs by Tommy Heinrich.

66 Masks That Make Magic.

In Africa and its diaspora a mask can turn you into a god !!6 or send a message to the pooh-bahs.

Cathy Newman.

Photographs by Phyllis Galembo.

78 The Titanic, Illuminated.

One hundred years after the ship sent its SOS: "Now we know where everything is".

Hampton Sides.

100 Walking With Ghosts.

With the aid of robotics avatars, the filmmaker has spent nearly 500 hours exploring the *Titanic*.

James Cameron.

110 Flocking Flamingos.

They really do stick together — and that may increase their odds of survival in a perilous world.

Nancy Shute.

Photographs by Klaus Nigge.

Where Slaves Ruled.

In Brazil they escaped plantations, created secret societies, and today fight for legal rights.

Charles C. Mann and Susanna Hecht.

Photographs by Tyrone Turner.

DEPARTMENTS

- 4 Editor's Note.
- 6 Letters.
- 8 National Geographic on TV.
- 10 Explorers Journal.
- 12 VISIONS
- 18 Your Shot.
- **21 NOW**

The Better to Hear With.

Copper loops help hearing aid users screen out the background noise.

It's Grand New Flag.

Libya has revived its pre-Qaddafi banner, putting a spotlight on flag design.

Bubbling Up.

A sea snail has an unusual way of sailing to the top of the water.

Breaking the Ice.

Long-separated bowhead whales get together as the arctic metls.

31 NEXT

Gemstone DNA.

New science can help determine if a gem was mined in a war zone.

Shade Shifters.

In 700 milliseconds a squid can change skin color and pattern.

Multigun Salute.

The Prez gets 21. Who gets 17? 11?

80 Billion Photos a Year.

Camera phones help drive an increase in consumer photography.

- NG Connect.
- 142 The Moment.

Flashback.

ON THE COVER

To create this image of the splitting of the Titanic's bow and stern, our artist drew upon a roundtable discussion among experts.

Art by *Nick Kaloterakis*.