

# TIME

## THE INVENTION ISSUE

The Edible Campfire  
Mind-Reading Computers  
The Invisibility Cloak  
The Hummingbird Drone  
A Twitter-Based Hedge Fund  
The Artificial Leaf  
The 10,000-Year Clock  
... and 43 more of the  
year's best innovations

+  
What Steve Jobs  
couldn't teach us  
about inventing  
By Lev Grossman



Inside  
THE NEW,  
NEW,  
NEW, NEW  
NEWT

THE  
INDISCREET  
CHARM OF  
CHELSEA  
HANDLER

HOW  
TO SAVE  
THE  
OSCARS  
By Joel Stein

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**PRE-EMPTIVE  
POLICING**

**94.7 METERS (ONE CITY BLOCK)** | Police officers in Santa Cruz, Calif., are getting ahead of the bad guys by figuring out where crimes will be committed before they take place. Using a computer program developed by mathematicians, an anthropologist and a criminologist, officers are able to predict what areas of the city are most at risk for future crimes and the time the crimes are most likely to occur, so they can have a member of the force at the ready.



**THE SKI-SLOPE  
INCINERATOR**

**100 METERS** | When the city of Copenhagen spent 3.5 billion kroner (\$640 million) on a new waste-to-energy plant—the largest environmental project in Denmark—officials didn't want it to be just a 100-m-tall incinerator. They needed a way to turn the waste-treatment facility into a tourist destination, so they solicited bids to integrate the structure into the city. The winning architect, Bjarke Ingels, designed a 425-m-long, 31,000-sq-m ski slope with areas for skiers of all skill levels.

**THE  
SCULPTED  
SKYSCRAPER**

**412 METERS** | Kuwait City's newest skyscraper spirals up from the sand, but al-Hamra Tower is no desert mirage. The centerpiece of the booming Arab city, it stands tall in a challenging climate. The tower needed a shield from the blistering Arabian Desert to the south while preserving sweeping views of the Persian Gulf to the north, so architects Skidmore, Owings & Merrill wrapped the tower in glass and added a sweeping cut up the south facade covered in lime stone. The rock face reflects the desert heat with a distinct salute to the unrelenting Middle Eastern sun. The aesthetic 90-degree curve traces the sun's path across the sky and is punctuated by glass wings at the top, making al-Hamra seem to rise ever higher.

94.7 METERS



CLOCKWISE FROM TOP LEFT: ILLUSTRATION BY LEMORO CASTELLO FOR TIME; SIG & GLESSNER