

**The Politics Of Food**  
Why you need to care about the U.S. farm bill

**Joe Klein on The Obama-Clinton Dustup**

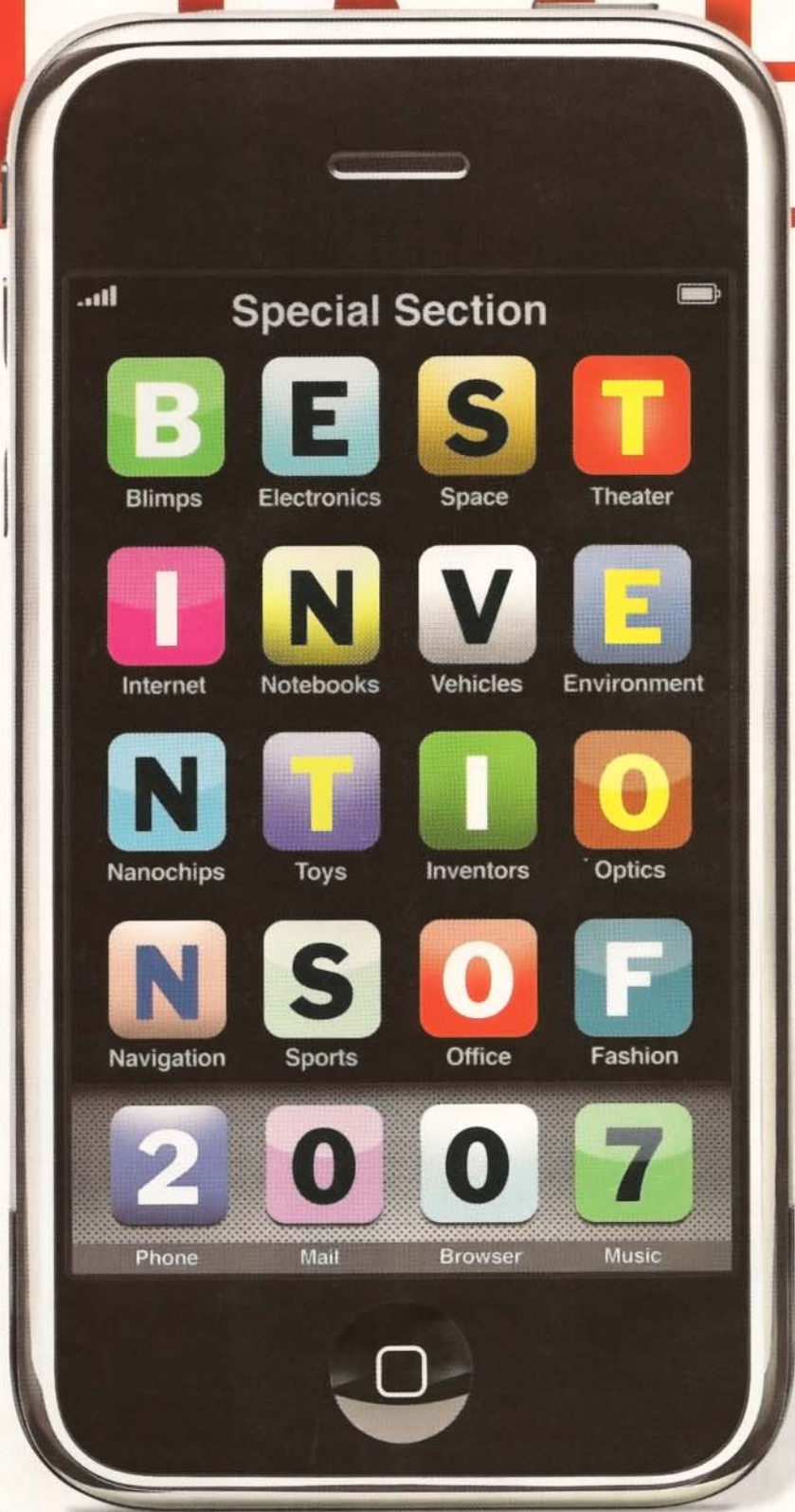


**Hollywood's Top Guns**  
Streep, Cruise & Redford take on the war

# TASTE

From the phone that has changed phones forever, to futuristic cars, to a building made of water, to a remote-controlled dragonfly—a dazzling display of ingenuity

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## Blood Simple



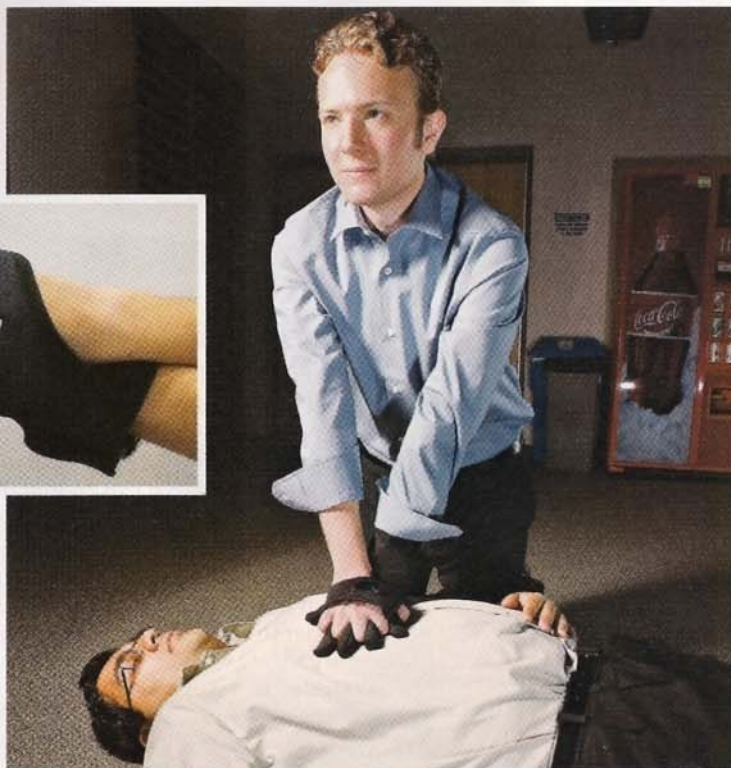
If your blood type is O-negative, you may feel a bit like a vampire's victim every time you volunteer to donate a pint. That's because as a universal donor, your blood can be safely transfused to people of any blood type, making it the most valued commodity in the blood bank. That may soon change, now that Danish researchers have found **a way to convert other blood types to O** with the help of some bacteria. The scientists have isolated two enzymes made by the bugs that can chew away the sugar molecules that distinguish types A, B and AB-negative blood, essentially converting them to type O (the bacteria can't, however, eliminate the Rh proteins found on A, B and AB-positive blood). Testing of the resulting blood in human patients has just begun. If successful, the transformed blood could provide a steady supply and alleviate frequent shortages.

Available Testing under way  
[zymequest.com](http://zymequest.com)

## Healing Hand

CPR always looks so dramatic on TV hospital shows, but in reality, chest compressions are hard to get right, even for trained health professionals. Enter the **CPR Glove**, the senior-year design project of three undergraduate engineering students from McMaster University. Once you slip it on, the black neoprene glove, embedded with sensors and chips, talks you through the proper way to resuscitate by measuring the amount of pressure you exert with each compression as well as the frequency of your chest pumps. If you aren't pumping hard or fast enough, the glove instructs you to "compress faster."

Available Testing will begin in 2008  
[cprglove.com](http://cprglove.com)



## Cancer's Crystal Ball

For anyone who has battled breast cancer, the threat of recurring tumors is one no treatment can eliminate—yet. But with **Mamma-Print**, a genetic test of a tumor's DNA, patients can get a handle on how likely it is that the cancer will spread. The 70-gene screen, developed by Amsterdam-based Agendia, is the first test approved by the U.S. Food and Drug Administration that measures the activity of genes at work.

Available Approved in February  
[agendia.com](http://agendia.com)

