

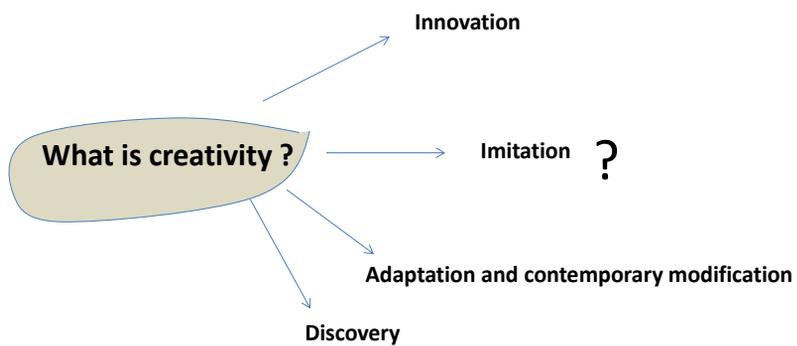


Creativity in Leather : and beyond



By
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Hair on



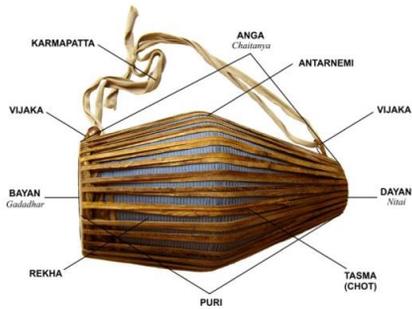
Transparent leather

?

Ancient technology to preserve leather Contemporary discovery?

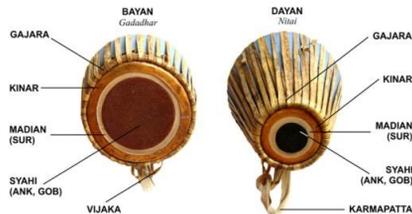
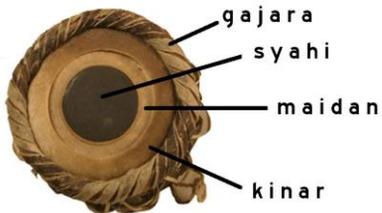
PARTS OF THE MRIDANGA

by Jan Kraus



Leather that can create perfect sound!

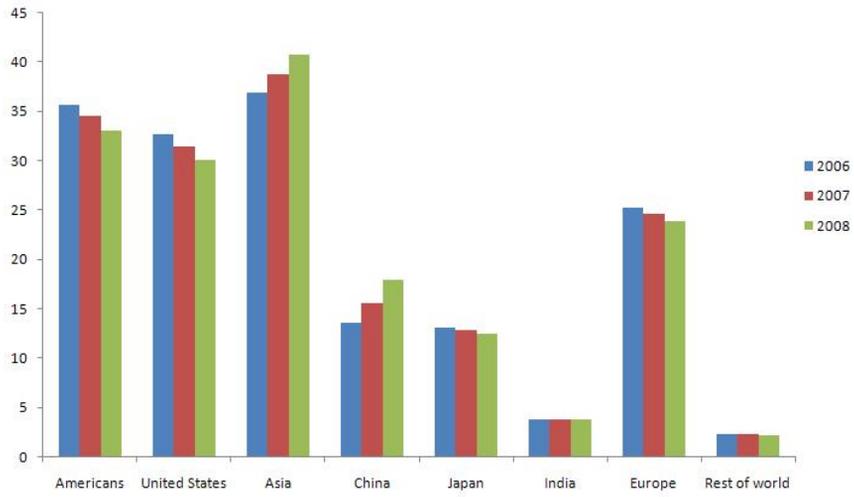
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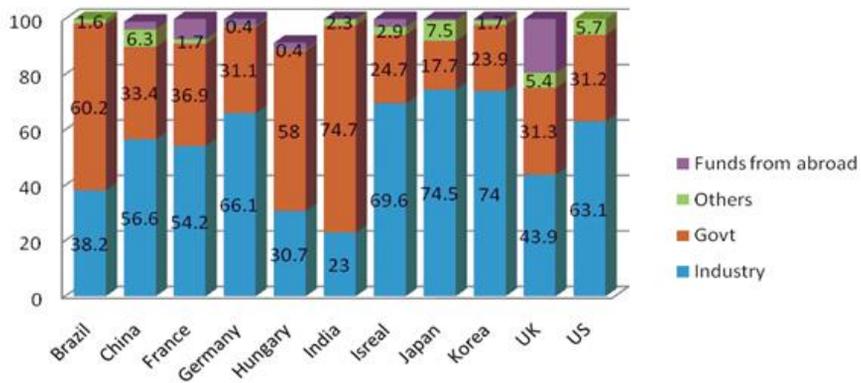
KHOL HEAD



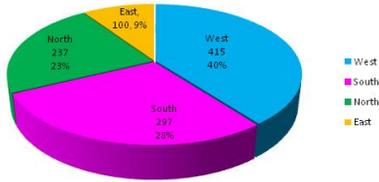
How much do we spend in R&D



Share of Global R&D spending
Source: Global R&D reports 2007

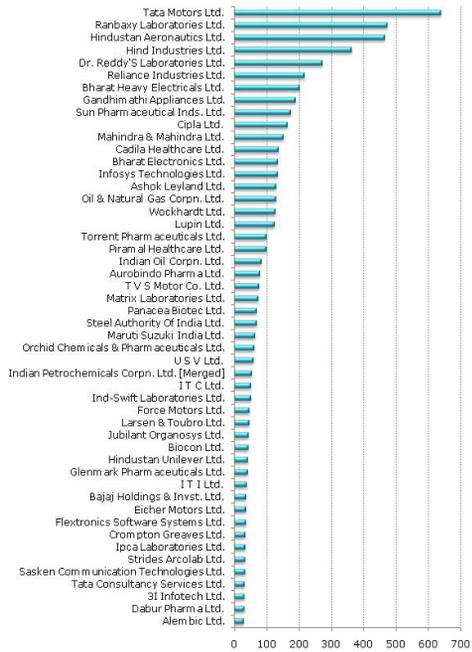


Source of funds (%) for select countries
Source: Global R&D reports 2007



Region wise distribution of R&D firms, 2006-07

Source: <http://www.nistads.res.in/indiasnt2008/t4industry/t4ind4.htm>



Average R&D expenditure, 2006-07 (Rs. Crores)



Victimless leather / bio couture



Bio Couture" by Suzanne Lee



Suzanne is exploring ways to grow cellulose material using a common fermentation method that combines a simple sweet tea solution with a symbiotic colony of bacteria and yeast to brew kombucha. This symbiotic colony of bacteria and yeast ("SCOBY") naturally produces microbial cellulose.

Image courtesy of textileartscenter.com



vegetable leather grown from green tea, sugar, bacteria and yeast.

bio couture – leather that grows in lab!

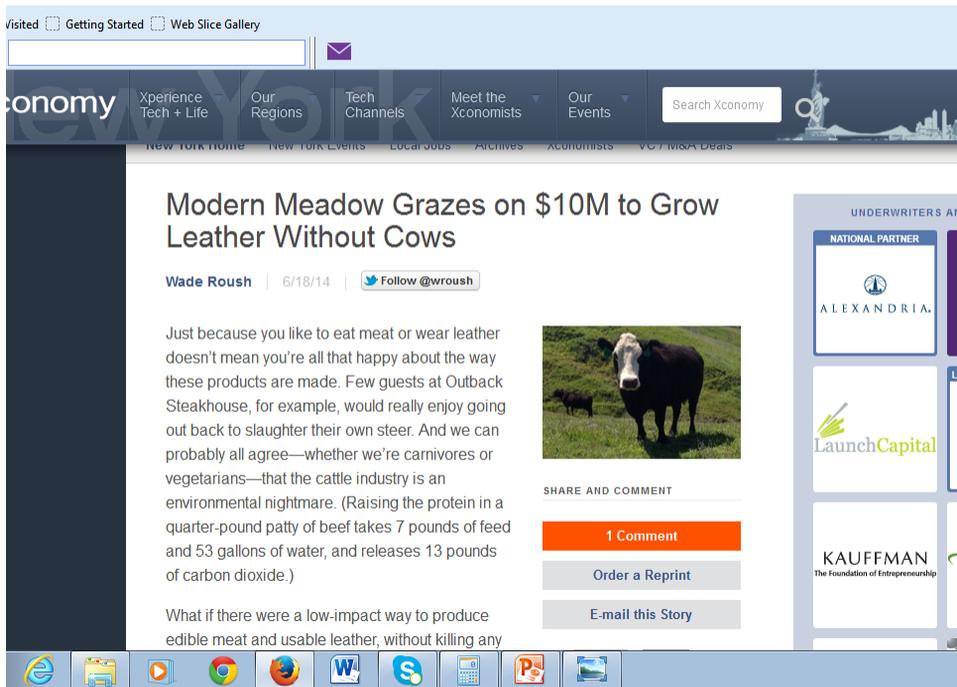
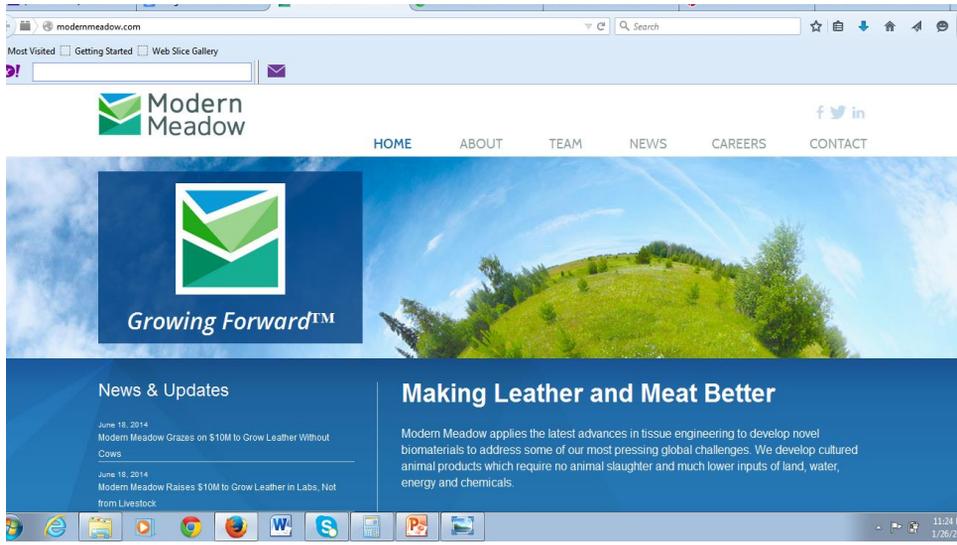




Boi couture by Ninela Ivanova



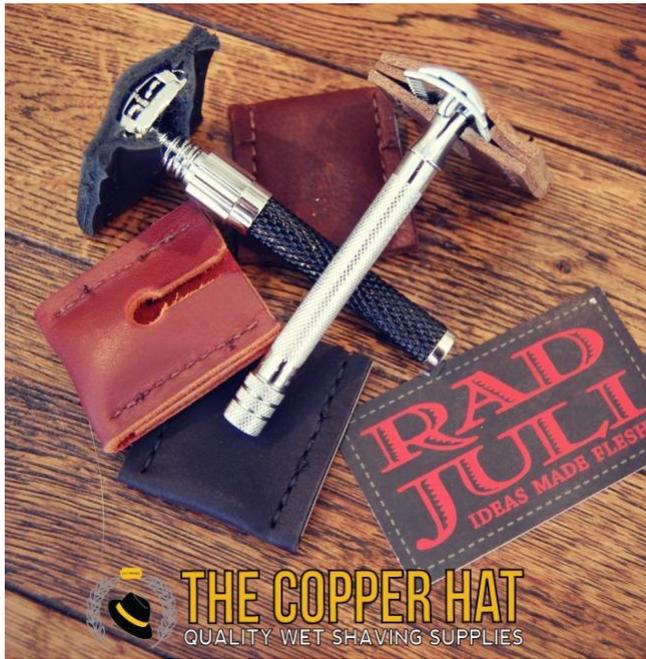
Bio couture clutch by Emma Van Der List



Sustainable design



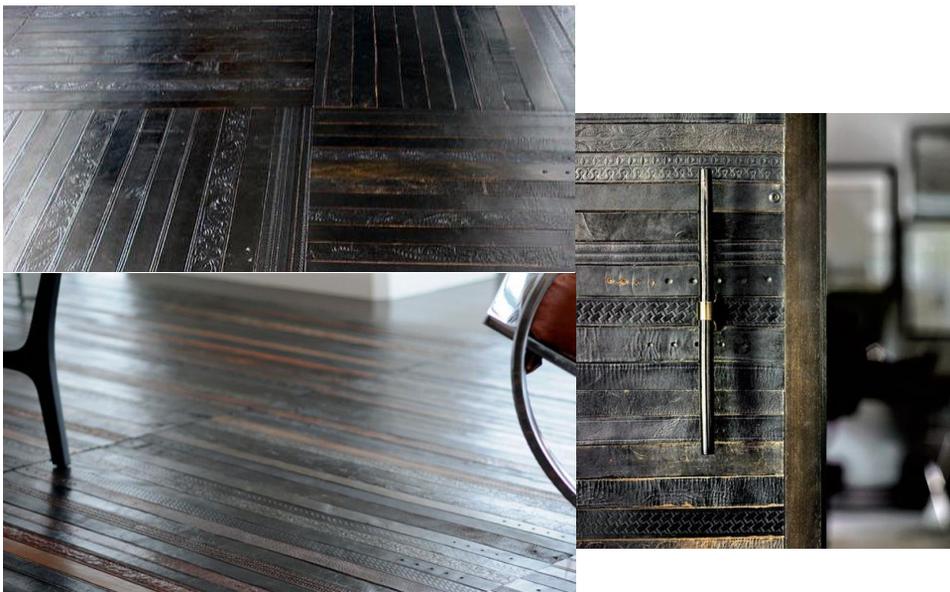
Sustainable Leather jewelry from Teo Geo





Upcycled Watch Uses Leather Remnants and Recycled Soda Cans for a Sustainable Timepiece

CAN WATCH S, Hong Kong manufacturer Alchemist Creations



Reclaimed sustainable vintage modular leather tiles by Inghua Ting

Reclaimed design



>> SLOW IN THE SAND? BEACH MOBILITY DRILLS TO SPEED YOU UP

VOLLEYBALL

MAGAZINE
MAY 2014

Summer Swag

OUR FAVORITE NEW PRODUCTS FOR THE BEACH

This year, we let the pros take charge of the beach volleyball gear, choosing their favorite shirts, leggings, shorts, and beach accessories in "Just Another Day at the Office" on p. 30. But we had to get our two cents in somewhere, so here's a short selection of our top summer essentials, with a focus on eco-friendly and super-stylish products.

GET SUSTAINABLE

Created by two Indian-American former investment bankers, Gurus are natural rubber sandals that channel the design of ancient Indian wooden footwear. Manufactured from rubber tapped on the family farms of the founders, the company also gives back to the environment by planting a tree for each pair of sandals they sell.

Gurus, \$29.99, lovegurus.com

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Bio inspired design



3D print material is specific to Objets Connex multi-material printer.

Multiple Assembly Print

Ankle flex// Soft, flexible rubber for comfort & dynamics.

Mid-Foot flex// Soft, flexible rubber for comfort & dynamics.

Upper// Rubber mixed with plastic for better strength with a bit of flex. Material needs to withstand rigorous wear.

Outsole// Rubber mixed with a greater volume of plastic to increase material strength.

Top Sole// Mainly rubber to provide the contours of the foot maximum comfort.

Base Sole// The densest rubber available to ensure protection & form for the foot.



Think and ideate

NIFT – Chennai