



SINGTEX®

Green CREATIVITY Makes Opportunity Infinity

Jason CHEN

2014.11.5

BLUE INNOVATION
MAKES GREEN

AGENDA

- *About Singtex*
- *Fashion and Eco-Friendliness*
- *Sustainable Systems*
- *Recycle for our Planet!*
- *CO-Branding*
- *Our commitments*



Company Information

- Founding Date: **March 1989** (more than 25 years)
- Owner : Chairman Jason K.C. Chen
- Employees : **251 (Taiwan) / 543 (Vietnam)**
- R&D Staff : **22 (nearly 10% of total members)**
- R & D Expense : **3% of annual turnover.**
(compared to Avg. **0.67%** of counterparts)
- Main Products :
Eco-friendly Fabrics for Functional, Fashion, Leisure and Protection.

SINGTEX®

SCafé®
SUSTAINABLE PERFORMANCE

eco²sy®


Magictex



About Singtex



SINGTEX Headquarters

Accommodating sales and R&D teams.
The S.Café technology was born here.

Core Value

Eco-Friendliness.

We offer not just comfortable **functional textile**, but a **lifestyle** that **combines art** and a **philosophy of harmony with nature**.

Sing a “LOVELY-TEXTILE” Song !

Where We Are



Headquarters

SINGTEX®
TECHNICAL FABRIC



Dyeing factory



Yarn Technology



Garment Production



Awards

Branding



2014

AIRNEST™

ISPO 2014 TOP 5 SELECTED.



P4DRY™

ISPO 2014 SELECTED.



mylithe™

ISPO 2014 TOP 10 SELECTED.



mylife™ / P4DRY™

2013

P4DRY™ honored as

OutDoor INDUSTRY AWARD.



2013

eco2sy® honored as

ISPO 2013 SELECTED.



2010~2013

S.Café® Jeans

S.Café®

eco2sy®

ICE-CAFÉ S.Café®

2010

S.Café® honored as

China Yarn Technology Award.



Global Innovation



2012

S.Café® honored as
Geneva Award.



2011

S.Café® honored as the
Gold Medals of 2011 iENA
in Neuremberg Germany.



2011

S.Café® honored as
Pittsburgh Invention
Gold Award.

2011

Silver Medal of National
Invention and Creation
Award

ECO-Friendly Certifications



2014

S. Café® / ICE Café™ yarn
was certificated by Oeko-tex



2011

SINGTEX® was certificated
by TUV and Footprints.



2011

S.Café® was certificated
by GRS.



2010

S.Café® the 1st Asia Fabric
passed Carbon Footprint
Certificated by SGS.



2009 & 2012

TAF Textile Lab



2008

Factory was certificated
by bluesign®.



Awarded TOP 100 Taiwan Brands

台灣百大品牌
閃耀登場



TOP 100
TAIWAN BRANDS



SINGTEX® LOVE OUR EARTH

Our Customers



What do we have in





Mt. JADE

Taiwan Moth Orchid





Taiwan Windowsill Orchid

Taiwan Beetle



Taiwan Agehana Maraho



FireFlies



Taiwan Mudskipper





Taiwan Tree Frog

Flying Squirrels



Mikado Pheasant



Swinhoe's Pheasant



Do you know about Textile Industry?

Something we knew





PUBLIC HEALTH ADVISORY

MIRROR LAKE



LARGEMOUTH BASS CONTAMINATED WITH MERCURY

CHILDREN UNDER 12, PREGNANT WOMEN AND NURSING MOTHERS
DO NOT EAT LARGEMOUTH BASS
CATCH & RELEASE

ALL OTHER PEOPLE
LIMIT CONSUMPTION OF LARGEMOUTH BASS TO TWO
MEALS PER MONTH

FOR MORE INFORMATION CONTACT:
MASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH 617-624-5757
NOVEMBER, 1998





HIDE



Sustainable Systems

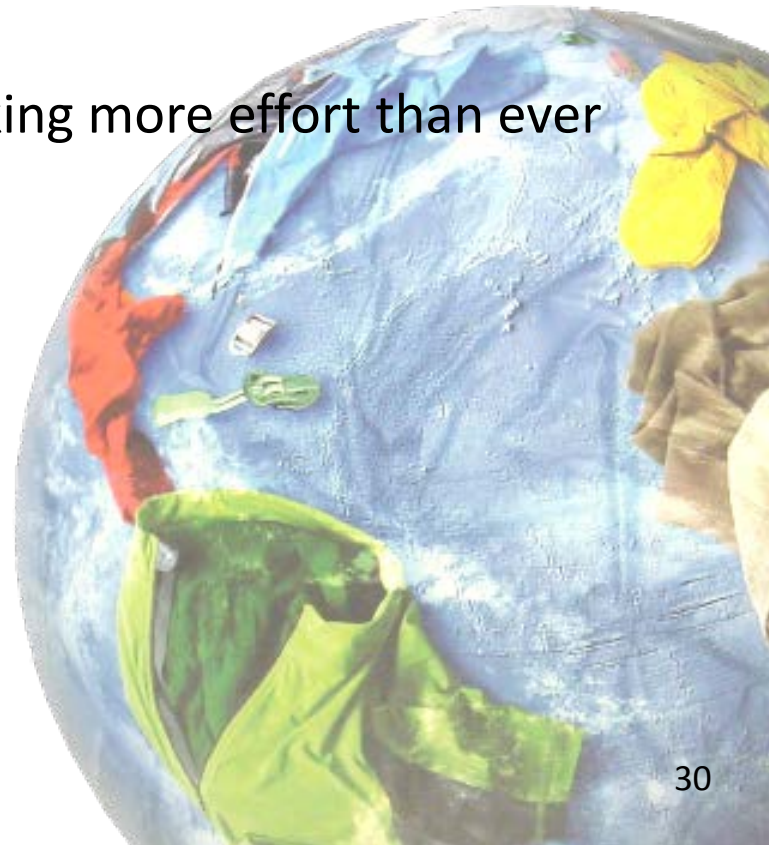
100% SOLVENT FREE PRODUCTS



Today's Standard for Tomorrow's Future

SINGTEX spent 250 million NTD in 2008 to build an eco-friendly, all-inclusive dyeing and finishing factory, which was honored with **bluesign**[®] certification in 2008.

With the honor of **bluesign**[®], **SINGTEX** is making more effort than ever to build a brand that customers trust.



Natural Gas Power

Lower pollution –

Carbon reduction of 36%~54%
= 1300~2750 tons saved

bluesign®

SYSTEM
PARTNER

ENERGY SAVING

Heating recycle system

We recycle and reuse the heating from production process. The recycled heating will help the process **save up to 40% energy use.**

bluesign®

SYSTEM
PARTNER

Non Solvent

AEx Technology & Water-Base coating

The non-solvent coating process grants comfort with **Wind-Proof & High Breathability.**





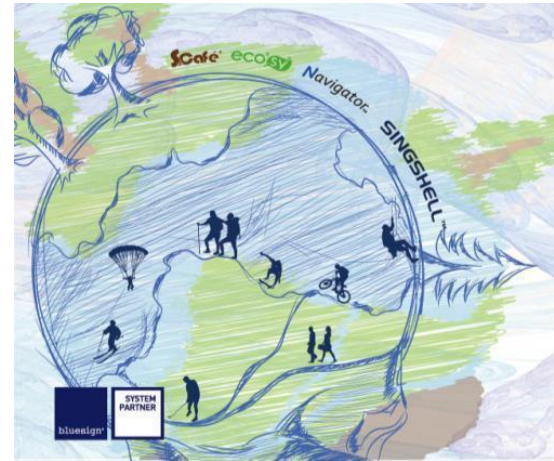
We Use Natural Gas in making process,



Reducing up to **2750** ton of carbon emission,
amounting to **54%** of total emission every year.

*We Dare to Examine Our
Carbon Footprint!
SINGTEX® Is Also the First Taiwanese Functional
Textile Company to Receive SGS Certification.*





Recycle for our Planet!

Have you had coffee today?

5.4 million people

6 million cups

30 tons

1 billion population



0.2%

We only drink 0.2%
from coffee bean and waste 99.8%.



99.8 %

What we create after coffee time

Take a guess! How many KG of coffee grounds are produced in coffee shops each day?





From our planet's point of view,
there's no throwing garbage out.
Because there is no "out".

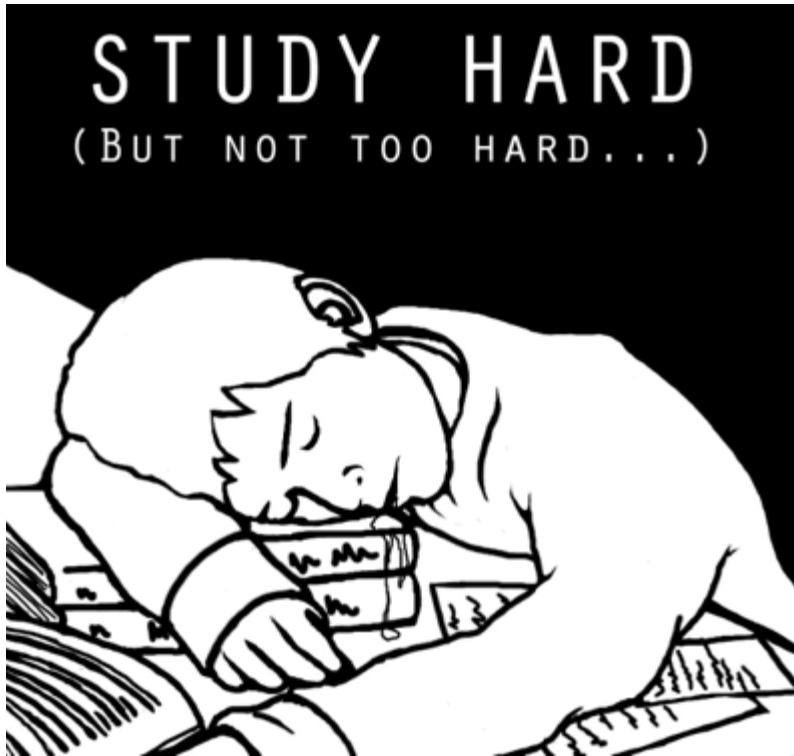
Bank of the Planet.

Investments generating
information and actions.

www.bancodoplaneta.com.br



Bank of the
Planet



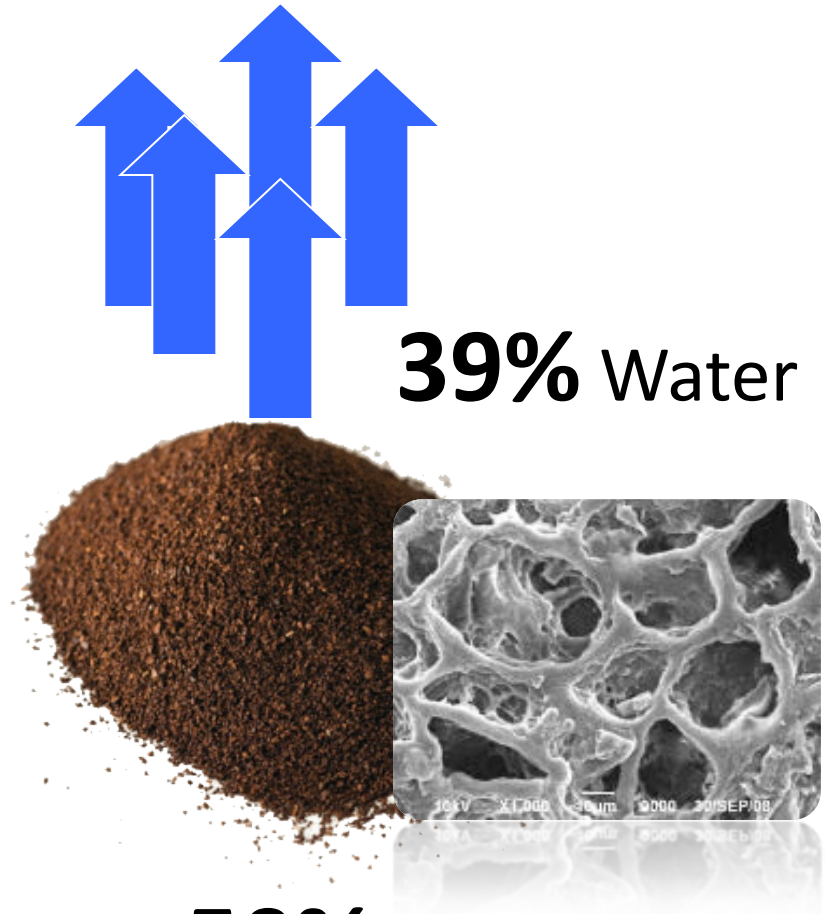
A mysterious project starting from 2005...
After 4-year study & 2M USD investment...
Here comes S. Café, a technology inspired by daily life.



**Tall
340ml**



**Creates
20g grounds**



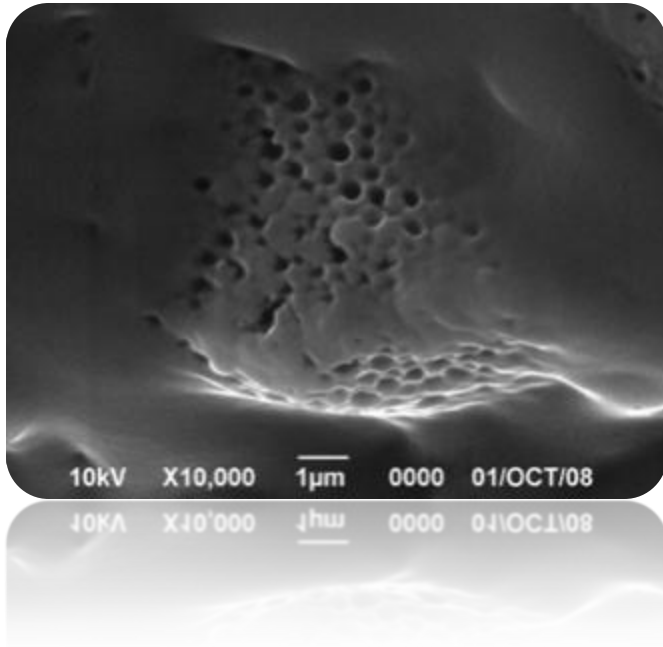
39% Water

50% grounds

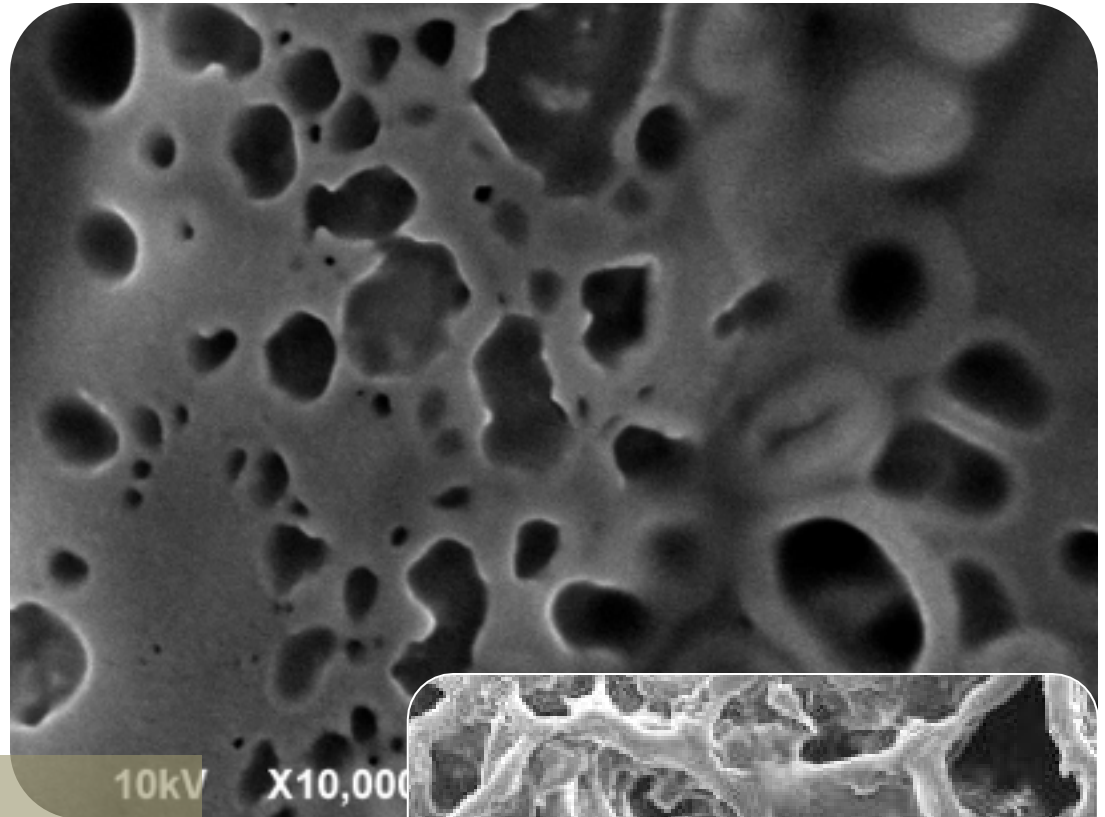


11% Natural coffee oil

Coffee bean raw



Roasted beans



400 Nm

Recycled coffee grounds from shops.

Our patented process re-size grounds

to incredible 400 Nm.

LOVE OUR EARTH





Recycle the coffee grounds from famous chain store system.

**Coffee is not only for DRINKING,
you can also WEAR it !**

The amazing insulation technology
With recycle materials!!



X 5

+



X 3

=



Drink it

Wear it.

Sustainable Technology

Coffee ☪

Shiny Shampoo
Shinny and Bright



The coffee oil extracted
from used coffee grounds

☪'right x **SCafé**
SUSTAINABLE PERFORMANCE

We cooperate with cosmetic company
for more life innovations.



Drink it! Wear it! Use it!

Clothing can be Environmental Friendly



ICE COOL TOUCH



FAST DRYING



UV-PROTECTION



ODOR CONTROL



ECO-FRIENDLY

INVENTION CERTIFICATIONS AND PATENTS

S.Café® Invention Patents



US08834753B2

(12) **United States Patent**
Hung et al.

(10) **Patent No.:** US 8,834,753 B2
(45) **Date of Patent:** Sep. 16, 2014

(54) **PROCESS OF MAKING YARNS WITH COFFEE RESIDUE**

D108 2321/022 (2013.01); D108 2331/02 (2013.01); D108 2331/04 (2013.01); 264/29.1; 264/29.1

(75) **Inventors:** Shuo-Ting Hung, Taipei County (TW); Yi-Yen Yeh, Taipei County (TW); Chien-Kuo Yen, Taipei County (TW); Kuo-Chin Chen, Taipei County (TW)

(58) **Field of Classification Search**
USPC: 264/29.1, 211
See application file for complete search history.

(73) **Assignee:** Magicles Apparel Corporation, Taipei Hsien (TW)

(56) **References Cited**
U.S. PATENT DOCUMENTS

(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(h) by 1246 days.

3,499,851 A * 3/1979 Ego 524/9
2002/0017406 A1 * 3/2002 Takashima 428/364
2003/0173181 A1 * 11/2002 Shimizu 524/315
2004/0126662 A1 * 7/2004 Kohno et al. 429/231.4
2005/0107501 A1 * 5/2005 Shiwada et al. 524/321
2007/0148320 A1 * 6/2007 Uchiyama 428/634

* cited by examiner

(21) **Appl. No.:** 11/876,201

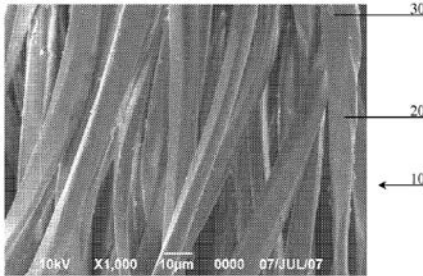
(22) **Filed:** Oct. 22, 2007

(65) **Prior Publication Data**
US 2009/0100655 A1 Apr. 23, 2009

(51) **Int. Cl.**
D01F 1/02 (2006.01)
D01F 1/10 (2006.01)
D02G 3/02 (2006.01)

(57) **ABSTRACT**
The present invention provides to a preparation of a yarn with coffee residue. The present invention also provide to a novel yarn with coffee residue.

5 Claims, 2 Drawing Sheets



证书号第 781657 号



发明专利证书

发 明 名 称: 含有咖啡渣的纱线及其制备方法

发 明 人: 叶逸彦; 严建国; 洪颂延; 陈国钦

专 利 号: ZL 2008 1 0008424.7

专利申请日: 2008 年 01 月 18 日

专 利 权 人: 兴采实业股份有限公司

授权公告日: 2011 年 05 月 18 日

本发明经过本局依照中华人民共和国专利法进行审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为二十年, 自申请日起算。专利权人应当依照专利法及其实地细则规定缴纳年费。本专利的年费应当在每年 01 月 18 日前缴纳。未按照规定缴纳年费的, 专利权应当自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。



局长 田力普



2011 年 05 月 18 日

第 1 页 (共 1 页)



中華民國專利證書

發明第 I 338729 號

發明名稱: 咖啡紗及其製法

專利權人: 興采實業股份有限公司

發明人: 葉逸彦、嚴建國、洪頌延、陳國欽

專利權期間: 自 2011 年 3 月 11 日至 2028 年 2 月 19 日止

上開發明業經專利權人依專利法之規定取得專利權

經濟部智慧財產局

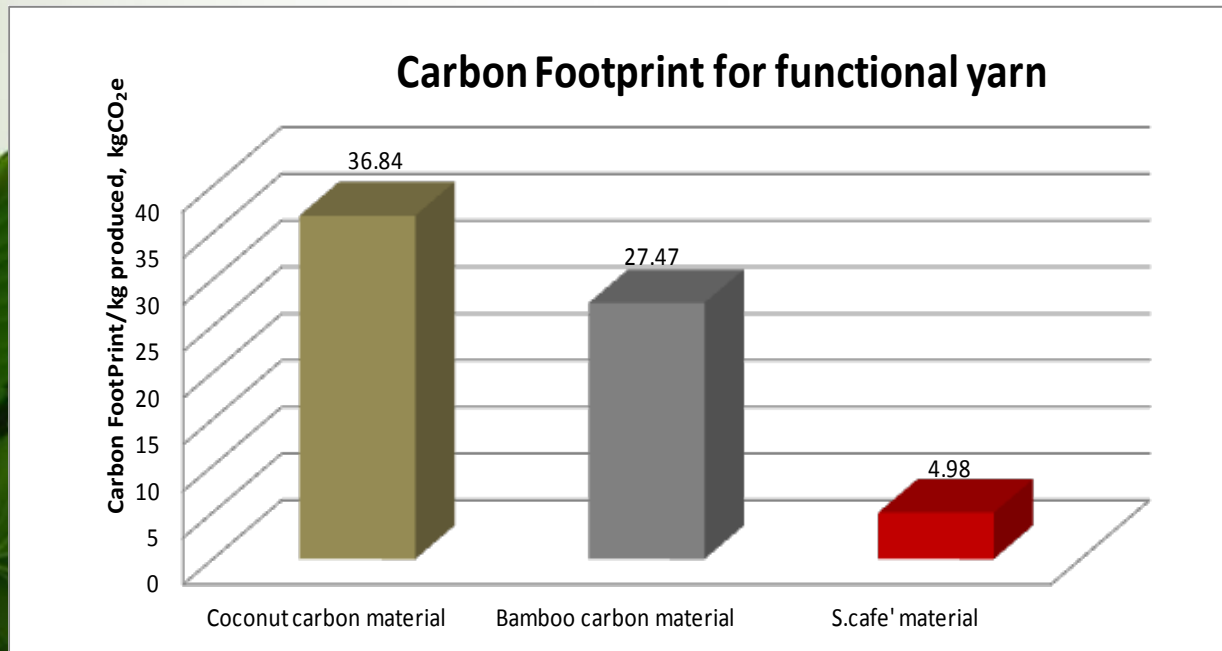
局長 王美花

中華民國 100 年 3 月 11 日



S.Café® acquired 3 world invention awards





**80%
Saved**



CO-BRANDING

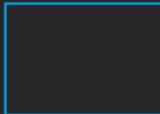


Co-branding



Machine Wash Cold,
Do Not Bleach,
Tumble Dry Low

60% Nylon Ice Caffe
40% Polyester




S.Café with Wacoal



Co-branding

S.Café[®]
SUSTAINABLE PERFORMANCE
by **SINGTEX[®]**
for **BOSS GREEN**

Recycled coffee grounds are transformed by a patented process into our special fibers, which we call S.Café[®] fabric.

-  **THERMAL FUNCTIONAL**
-  **FAST DRYING**
-  **ODOR CONTROL**
-  **UV-PROTECTION**
-  **ECO-FRIENDLY**

BOSS
HUGO BOSS

developed for:

S.Café & Hugo Boss



+



Co-branding



S.Café & Timberland



Steps with your step

Marketing Cooperation





Back View



zoom +

**THE
NEW
LIVERPOOL FC
HOME**



Home \ 12/13 Home Kit (Mens Home Kit)



SHARE

You might also like:



2012-13

The New Liverpool FC 12/13 Home Kit is like no other.

It's inspired by greatness.

It's modern tradition.

It's unapologetically Liverpool FC.

It will make you feel 7ft tall.

The New Liverpool FC 12/13 Home Kit is launched on 01.06.2012

Pre-order now for guaranteed world-wide delivery on launch day.

Pre-order from the Official Liverpool FC Online Store to get it first and receive a free t-shirt worth up to £20 with every adult or junior shirt ordered*.

LFC Adult Home S/S Shirt 12/13

£45.00

Average rating: ★★★★★

Tell a friend...

Product Code: WSTM200

LFC Adult Home S/S Shirt 12/13

The New Liverpool FC 12/13 Home Kit is launched on 01.06.2012.

Pre-order now for guaranteed world-wide delivery on launch day.

Pre-order this product from the Official Liverpool FC Online Store to get it first and receive a free t-shirt worth £20 with every shirt ordered.* (*Whilst Stocks Last/Terms & Conditions [here](#))

The free t-shirt is now out of stock in all men's sizes. All orders placed before the 17th May will receive a free men's t-shirt.

All junior sizes are still available (updated 9am 17th May 2102).

Product Detail:
Regular fit with needle out pin stripe to front body fabric. Embroidered manufacturer logo and iconic Liverpool FC crest on upper chest.

Embroidered Eternal Flame detail to outer back neck. Two piece fold over collar with cut and sew placket. Cotton feel performance fabric designed to work as hard as you do, to keep the elements out while letting sweat and moisture escape from your body keeping you dry and comfortable. 4 way stretch mesh under arm panels for ventilation, comfort and ease of movement.

94% Polyester / 18% Recycled S.Cafe Polyester.

MEDIA EXPOSURE



Taiwan Revealed-Innovation Island

19th, June ,2014



International media interview : CNBC



6th June, 2012 CNBC interview



2012 December

BY

THE NEW YORK TIMES BUSINESS WEDNESDAY, DECEMBER 26, 2012

The New York Times

Russia's Desire for Cars Grows, and Foreign Makers Take Notice



BY ANDREW L. SHAKER
MIGHTY POWERBOAT, BRASS — sleek and gleaming, the central means of access to the assembly line here, they are as new as cars can be, and so is the assembly line, where the assembly line ends up in a brightly sunlit inspection room, where every inch is carefully inspected, the factory running to the highest standards of U.S. standards. If all goes well, production will start in January.

the use is one of but a few in which the U.S. runs at a loss, where the course corrector stands at even to better over the next two years. The money is a good bet today, says one of the industry's top executives, for the same reason that pushes them to invest in a market that is not expected to be as volatile as the rest of the market.

Three-fold on wealth and the spread of equity accounts also financing are taking sales, which rose by 40 percent in the first half of this year compared with the same period a year ago. (LAW, 1992, 1993, 1994, 1995, 1996, and 1997) are all opening new offices in various parts of the country.

new plants, or intend to do so soon.

The new plant, one in this picturesque town, an old center of the Spanish car industry on the young river, was manufactured under a license to build cars, held on in fact, more than 20 years ago, which was made malpractice today.

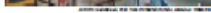
Business is reaching up foreign-branded cars, the Spanish cars are the best-selling vehicle in a small town. And

continued on page 8

[illegible]

KEY WORDS: aging, aging-related changes, aging-related decline, aging-related increase, aging-related stability, aging-related decline, aging-related increase, aging-related stability

TAIPEI—Japan's chief knows how a teen who publicizes a diary becomes a celebrity because, in fact, he went to mainland China to find unexpensive raw materials for his garments and fashion business at Taiwan, following his compatriots in the textile industry as they rushed to the mainland for low-cost, unexpensive labor and some governmental regulations.



1990, the same happened to the government and he was about 200,000. It was enough to push him to take measures that he took today, and he founded unique industries to focus on developing higher-value, waterproof synthetic cloth.

"when you go cheap, you have no good quality control," he said. "many of us went to China for a new, more legitimate but caused only bitterness and pain."

products or high-technology fabrics that are being snapped up by European and North American brands. These materials are used in products like ski jackets, sports jerseys, outdoor

continued on page 2

From First Business Page

furniture and protective gear for firefighters.

*These fabrics have special production, coating and lamina.

tion processes, and we want to keep those patents here," said Robert Jou, a director at the state-financed Taiwan Textile Research Institute.

Data from the Taiwan Stock Exchange for 2010, the most recent year for which figures are available, show the average net margin at textile companies was 12.7 percent, compared with 7.6 percent for companies producing electronic products like semiconductors, computers and communication components.

Singtex owns 34 patents, including one for S.Face, a polyester cloth with coffee grounds mixed into it. The coffee grounds, recycled from local 7-Eleven convenience stores and Starbucks cafes, absorb odors, giving the fabric added value for athletic clothing. Singtex counts the Timberland and Hugo Boss brands as its customers and has even landed a deal to supply fabric for the 1996 World Soccer Cup uniforms.

Mr. Chen's company survived the industry's exodus to China, but many others did not. Exports dropped by 44 percent in dollar terms from 1997 to 2005, according to data from the Taiwan Ministry of Finance. Mills that did not do research and develop-



serve higher-value demand in Europe and United States," said Chen Leo-in, a senior economist at the state-owned China Iron

This new business environment spawned companies like Hyperbola Textile, whose 24 employees work in a chic loft office in Noshu, a high-technology hub in Taipei. Hyperbola found its niche in designing high-performance outdoor clothing, like sk

The company has no factory. Instead, it finds mills in Taiwan to make the fabrics.

and its partner mills produced 350 types of fabrics to satisfy that demand.

"We chose to stay here because we saw that Taiwan still had very innovative mills," she said. "But their marketing was very weak. We provide the design and marketing platform so that they can grab a share of the global market."

Nimble companies like Singtex and Hypertex have powered the textile sector's resurrection. Exports for the entire industry, at \$12.7 billion in 2011, have climbed to 24 percent below the 1997 peak. But another measure of value, the unit price of fabrics, has risen by 41 percent since 1999 to \$5.20 per kilogram, or 2.2 pounds, an indication that the industry has shifted to higher-value products.

For those who made the shift to more expensive cloth, profits have surged. Singtex's revenue increased by 35 percent in 2001 from 2000 and its gross margin—sales revenue minus the cost of the goods—rose to more than 35 percent in 2001, according to Mr. Chen of Singtex. He plans to take his company public in 2003, and declined to disclose more figures.

Mr. Wang also declined to disclose Hypertex's financial performance, but said, "Last's just say, it's been better than most of our peers' tech companies."

Yet the good times might have a short shelf life. Chinese textile mills are learning and adopting



Jason Chen, top left, founded Singtex Industrial to focus on developing higher-value, waterproof synthetic cloth. Singtex owns 34 patents, including one for S.Cafe, a polyester cloth with coffee grounds mixed into it. The Singtex factory, above, is in the Guanyin Township of Taiwan.

*Our companies took a few

pages to the mainland, but they avoided bringing the whole mainland," Ms. Chen said. "Technologies like ultrathin, waterproof, breathable fabrics, we sell own. In the future, we may need to build spacesuits to stay ahead."

Kingwhale Industries, a thermal floccu supplier, said his clients came to his company only after

up the production process.”

Kingwhale is looking to become partners with American fabric labs to keep its edge. Mr. Huang is planning a trip to North Carolina State University this month to buy a patent, and will also check on the price of land nearby for a possible factory on

country for a possible factory to supply fabric directly to the United States. He aims to find a new fabric and turn it into a brand

FN Ice's creative director, Zoo Chen, said Taiwan would eventually lose its technological edge, and when that happens, the "only way to add value will be through premium brands and lifestyle."

She said the Seattle industry constantly had to adapt to the harsh reality that there would al-

Our commitments



SINGTEX CSR



Charity event – Donation to The Craig Bellamy Foundation



2012.6.1 Donated to Youths of Sierra Leone @Singapore



**SINGTEX cooperate with Patagonia for
Protecting the Wugu wetland.**



**FOR THE
PLANET**

**BUSINESSES
DONATING 1%
OF SALES TO
THE NATURAL
ENVIRONMENT**

patagonia®



S.Café® has met professor Gunter Pauli, the writer of "BLUE ECONOMY". S.Café® produced the first environment concerned animation with him, and named it, "polywood," talking about spent coffee grounds being made to yarn for young generation.



Organic paddy field adopted

WE MAKE THE WORLD BETTER !



"There is no business to be done
on a dead planet."

DAVID BROWER