

OYA DESIGN

Dr. OYA AKMAN

www.oyadesign.com

CELEBRATING 50 YEARS IN DESIGN WITH AN EXHIBITION OF MY LIFE'S WORK



We presented our products at the Oya Design stand for about 10 years at the Frankfurt Fair Ambiente.

COMPANY

OYA AKMAN & OYA DIZAYN (SME)

BRAND

OYA DESIGN

DOMAINS

**DESIGN & PRODUCTION & MARKETING
& EDUCATION & CONSULTING**

PARTNERS

**MECHANICAL ENGINEERING
GRAPHIC DESIGNING
PRODUCTION MANUFACTURING
PACKAGING
EXPORTS (CUSTOMS CLEARANCE, SHIPPING)**

OUR DESIGN LANGUAGE

**.A NEW PRODUCTION TECHNIQUE
REVIEW**

**.NEW PERSPECTIVES ON THE USE OF
MATERIALS**

.ENERGY SAVING MOLD MATERIAL

**.INNOVATIVE METHODS IN DIFFERENT
PRODUCT APPLICATIONS**

.PHYSICAL INTERACTIONS / RULES

**.INTERACTIONS WITH THE
ENVIRONMENT**

.SEMANTIC DIMENSION

**.THE FEEL OF COMFORT AND CALMNESS (WHEN YOU
LOOK AND TOUCH)**

. SIMPLICITY, LIGHTNESS

. FLEXIBILITY

. STYLISH AESTHETICS

. ERGONOMIC

. PRODUCTION QUALITY

. NATURE FRIENDLY

. SUSTAINABLE

. GLOBAL

. FUNCTIONAL

. TRUST WORTHY

ABOUT US

GLOBAL - UNIQUE - INNOVATIVE - HIGH QUALITY

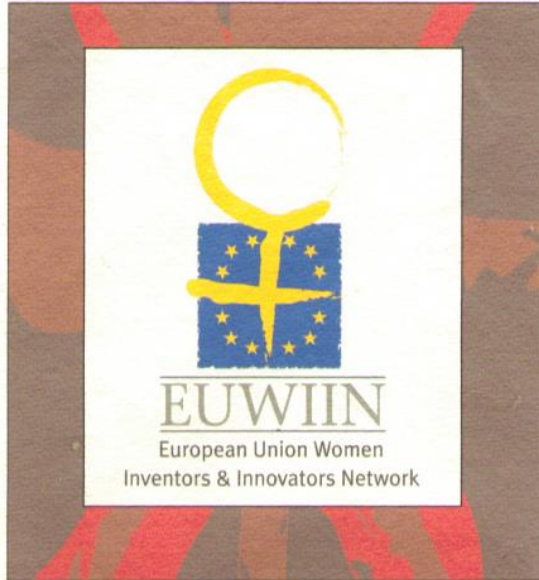
SOME OF MY INTERNATIONAL AWARDS (45 International and National Design Awards)



DESIGN **PLUS**



CERTIFICATE



'SPECIAL RECOGNITION'
AWARDED TO

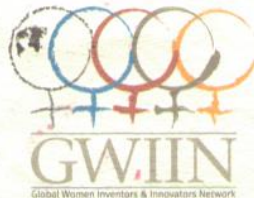
Dr Oya Akman

FOR HER INNOVATIVE ACHIEVEMENTS

European Women Inventors and Innovators Conference & Awards Ceremony
The Säätytalo (The House of Estates), Helsinki, Finland, 7-8 October 2009

A handwritten signature in black ink, which appears to read 'Bola Olabisi', is written over a pink circular watercolor stain.

Bola Olabisi (Mrs)
EUWIIN DIRECTOR,
Founder & CEO, Global Women Inventors & Innovators Network



EU WIIN AWARD

European Union Women Inventors & Innovators Network



2009

a very special award for me



Bronze

This Certificate is Presented to

Medipal University, Turkey

Inventor(s): Seher Oya AKMAN

In recognition of the excellent invention / innovation :
A system used in design applications

Presented during the Online Edition of the Innovation Week IWA 2020 organized by OFEED under the Patronage of the International Federation of Inventors' Associations (IFIA) and main Partners: Oxford Business Group – The Patent Magazine – CGEM (Morocco)

from September 8th to December 19th, 2020 at <https://ofeed.ma>

12. December, 2020

Date

Majid EL BOUAZZAoui
President of IWA 2020 organizing committee
President of OFEED



**2020 INVENTION
BRONZE AWARD**

**694 contributions
from 27 countries**

PRODUCING ALTERNATIVE PRODUCTS FROM A SINGLE MOLD FORM IN AUTOMATIC GLASS TECHNOLOGY

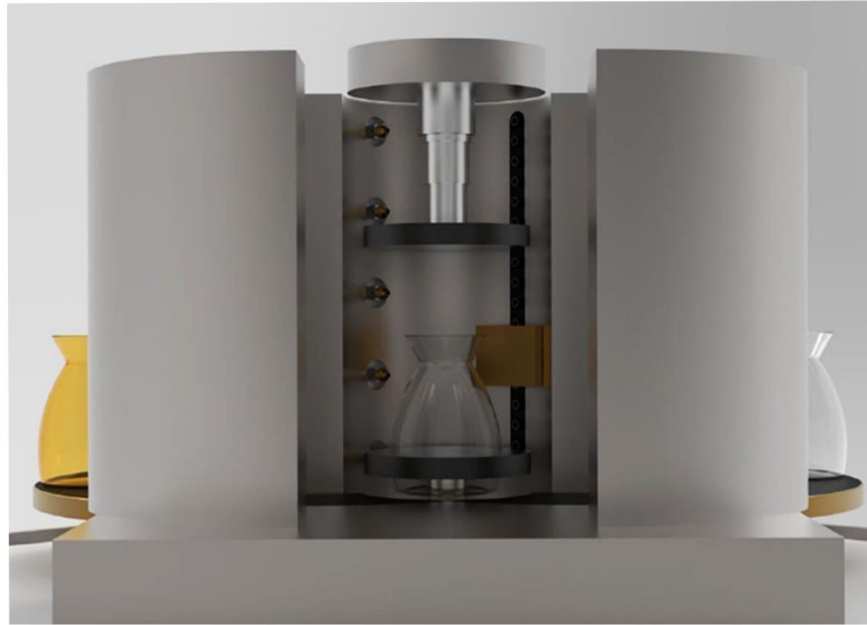
MY MACHINE IS ADDED TO THE PRODUCTION LINE IN ALL GLASS TECHNOLOGIES, IT MAINTAINS THE TEMPERATURE OF THE PRODUCT COMING OUT OF THE MOLD OR MAKES THE APPLICATIONS PROGRAMMED ON IT BY HEATING IT FURTHER.

- 1. SURFACE CHANGE:COLOR, PATTERN, TEXTURE ALTERNATIVES ARE CREATED BY PRESERVING THE EXITING TEMPERATURE OR BY THERMAL APPLICATION.**
- 2. PHYSICAL CHANGE:SEAL,STAMP,TEXTURE CAN BE CREATED, DIFFERENTIATION CAN BE MADE IN THE FORM. IT CAN BE BROUGHT UP TO THE DEFORMATION TEMPERATURE**



GLASS MACHINE

oya design



US AND TÜRKİYE PATENT HAS BEEN REGISTERED

PATENT NO

18844922.7 -1103 PCT/TR2018050168

USA

US 11.524.915 B2

**A SYSTEM USED IN DESIGN
APPLICATION**

EUROPE

EP18844922.7

**A SYSTEM USED IN DESIGN
APPLICATION**

PCT

PCT/TR2018/050168

**A SYSTEM USED IN DESIGN
APPLICATION**

TÜRKİYE

2017/06349

**TASARIM UYGULAMALARINDA
KULLANILAN BİR SİSTEM**



US011524915B2

(12) **United States Patent**
Akman

(10) **Patent No.:** **US 11,524,915 B2**
(45) **Date of Patent:** **Dec. 13, 2022**

(54) **SYSTEM USED IN DESIGN APPLICATIONS**

(71) Applicant: **T.C ISTANBUL MEDIPOL
ÜNİVERSİTESİ, Istanbul (TR)**

(72) Inventor: **Seher Oya Akman, Istanbul (TR)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 434 days.

(21) Appl. No.: **16/609,107**

(22) PCT Filed: **Apr. 14, 2018**

(86) PCT No.: **PCT/TR2018/050168**

§ 371 (c)(1),
(2) Date: **Oct. 28, 2019**

(87) PCT Pub. No.: **WO2019/032067**

PCT Pub. Date: **Feb. 14, 2019**

(65) **Prior Publication Data**

US 2020/0189950 A1 Jun. 18, 2020

(30) **Foreign Application Priority Data**

Apr. 28, 2017 (TR) 2017/06349

(51) **Int. Cl.**
C03B 23/00 (2006.01)
C03C 19/00 (2006.01)
C03C 17/00 (2006.01)
B05D 3/04 (2006.01)
B05D 1/02 (2006.01)

(Continued)

(52) **U.S. Cl.**
CPC *C03B 23/0013* (2013.01); *B05D 3/0413* (2013.01); *C03B 23/0086* (2013.01); *C03C 17/001* (2013.01); *C03C 19/00* (2013.01); *B05D 1/002* (2013.01); *B05D 1/02* (2013.01);

(Continued)

(58) **Field of Classification Search**

CPC ... *C03B 23/002*; *C03B 23/0046*; *C03B 19/00*; *B05D 3/12*; *B05D 1/002*
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

541,851 A * 7/1895 Gnuhl *C03B 23/0046*
65/297

589,816 A * 9/1897 Cleveland *C03B 23/0046*
65/297

(Continued)

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CN 103754045 A 4/2014

(Continued)

OTHER PUBLICATIONS

International Search Report for PCT/TR2018/050168.

Primary Examiner — Alison L. Hindenlang

Assistant Examiner — Steven S. Lee

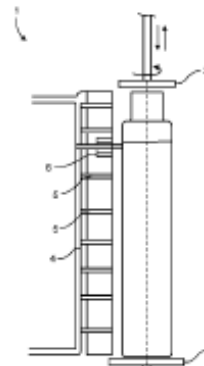
(74) *Attorney, Agent, or Firm* — Egbert, McDaniel & Swartz, PLLC

(57) **ABSTRACT**

A system for use in glass production technology such as for production of glass packaging, glassware, glass home equipments, wherein the system allows all kinds of design additions such as color, pattern, texture, decor, seal and form changing processes to be applied to the product without requiring re-firing of the product, after removal of the product from the moulds in the production lines while the product is still hot and the temperature is kept constant.

4 Claims, 3 Drawing Sheets

US 11.524.915 B2
A SYSTEM USED IN DESIGN APPLICATION
Dec. 13. 2022





For many years, I worked in the (Ceramic Glass Porcelain Textil Furniture) industries as a designer, frequently surrounded by machinery

ISTANBUL MEDIPOL UNIVERSITY

250 Industrial Design Students

at the same time



I am the head of the Industrial Design Department

We pay attention to the fact that students' projects include entrepreneurship and an invention and start-up.

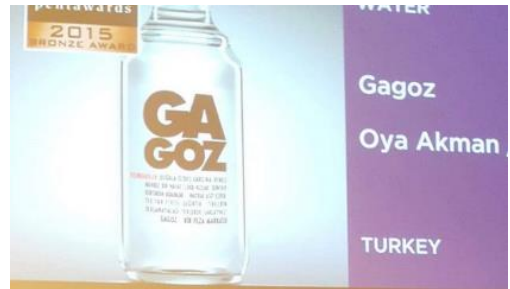
SOME OF MY DESIGNS

GLASS PACKAGING

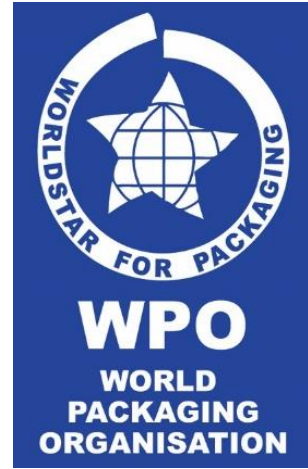


*“ Outside :colorful life,
natural identical charisma,
cool girls,men who saved
the world,funny acid,side
effects of burp...
Keep out of the reach of
snobs .”*

**Gazoz –soda- new brand
and packaging concept
for young population
configured again**



GLASS PACKAGING



Gradual and horizontal linear structure of the bee with honey fluidity makes a common symbolic form. Strong in posture,height and shoulder structure, downwardly tapering oval design is constituted. Bee signature in the bottom part



Honey Jar





Anavarza Bal



SIR • SABIR • ARMAGAN

Anavarza Bal

GURME

Keven & Kekik

KOZAN
— 1979 —



ELVISH LIMITED EDITION HONEY
Pine cone styling

PLASTIC PACKAGING



ambalaj ay yıldızları
crescents and
stars for packaging

2022

gümüş ödül
silver award



GÜMÜŞ ÖDÜL / SILVER AWARD

'Reçel Kavanozu'
Seher Oya Akman & Oya Dizayn

AWARDS OF THE PACKAGING INDUSTRIALISTS ASSOCIATION

6 AWARDS

OYA AKMAN & OYA DESIGN



ambalaj ay yıldızları

**crescents and
stars for packaging**

2020

- 1 GOLDEN PACKAGING AWARD
- 1 GOLD AWARD
- 2 SILVER AWARDS
- 1 BRONZE AWARD
- 1 COMPETENCY AWARD



crescents and stars for packaging 2020

GOLDEN PACKAGING AWARD



crescents and stars for packaging 2020

GOLD AWARD

TORKU GRAPE AND APPLE VINEGAR

With its long elegant neck and oval cut structure, it was aimed to reflect this on the vinegar and create a premium brand perception by providing brightness. On the shelves, difference, easy ergonomic grip and use, balance, combined in a premium aesthetic design.





SILVER AWARD

TORKU DETOX AND ORGANIC BEVERAGES

Glass Packaging

The packaging was designed on the basis of the leaf geometry that repeats under the bottle, emphasizing nature, naturalness, bringing the perception of brightness and dynamic motion. Lightness in packaging, difference in shelves, balance, maximum efficiency in lines and shrinking with 3 contact points. Material and energy economy were taken into consideration. Maximum efficiency was achieved in production speed and filling speed.



CAMSIL (GLASS CLEANER)

Reflection and brilliance were brought into the main form, with angled surfaces that accentuate the brilliance that symbolizes the Diamond and Crystal cuts. Especially, the most accurate grip and use was created on the neck. Grasping ergonomics on both the neck and the body were prioritized.

Directions symbolizing fingers and grip on the neck were made.

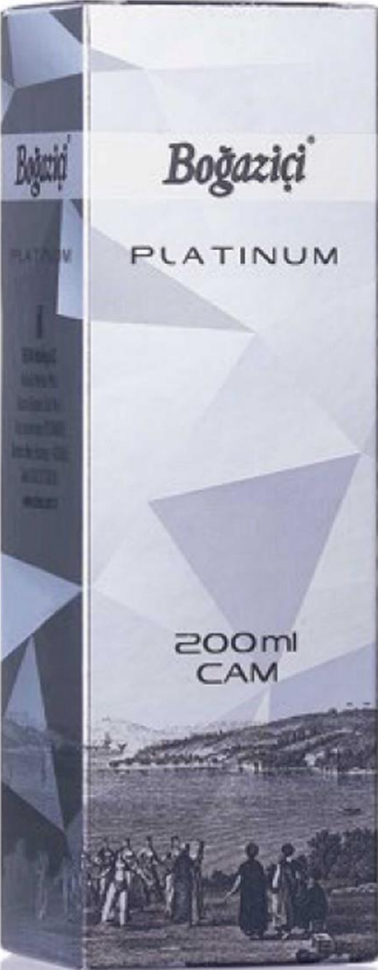
Attention was paid to lightness, balance and easy grip.

Bosphorus Cologne



**crecents and
stars for packaging
2020**

**COMPETENCY
AWARD**





BOSPHORUS COLOGNE

Reverse currents of Bosphorus are highlighted on both sides (above and below) of the bottle. The ergonomic and balanced form makes it easy to use by making the reverse flows being felt in your palm, It offers a visual show with reflections.

***Bosphorus is very difficult to swim.
There are strong reverse sea currents.
During my childhood and youth***

I swam in these difficult currents.

***My design reflects these reverse currents
is the most important teacher in overcoming
difficulties.***



2012
Superior
Design Award



Balparmak Honey

The geometry of the movement of the bee's wings as they approach the flower



Ana Sayfa

Balparmak Dünyası

Bal Çeşitlerimiz

Balı Ürünlerimiz

Balı Lezzetler

Ev Dışı Tüketim



oya design

Şeker yok bal var*

Yeni lezzeti, yeni kıvamıyla
BallıMix'i şimdi daha çok
seveceksiniz!

%60 bal, %21 fındık

* Bu üründe ilave şeker yoktur, sadece bal kullanılmıştır.
Koruyucu madde, trans yağ, yapay aroma ve
renklendirici içermez.



**ambalaj
ay yıldızları
2016**

Silver Prize





 crescents and
stars for packaging
2012

Porcelain Olive Oil Packaging

**Olive stylization handle,
and leaves**



**BROHAN
MUSEUM**



**Corning Museum of Glass
New York 1998**



Inclination Whisky Glass



**Corning Museum of Glass
New York 2001**



Zig Zag Whisky Glass

in the archive of the corning museum of glass



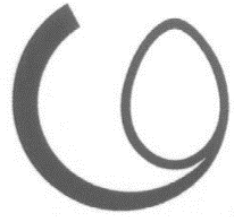
Reflection
Eskisehir Contemporary Glass Art Museum

2005

**Spherical concave mirror in the center of the plate ,
reflects images and light to the center**

oya design

**BRÖHAN
MUSEUM**



DESIGNPREIS

2004

NOMINEE



ENDÜSTRİYEL TASARIMCILAR
MESLEK KURULUŞU INDUSTRIAL
DESIGNERS SOCIETY OF TURKEY

1994 TASARIM ÖDÜLÜ

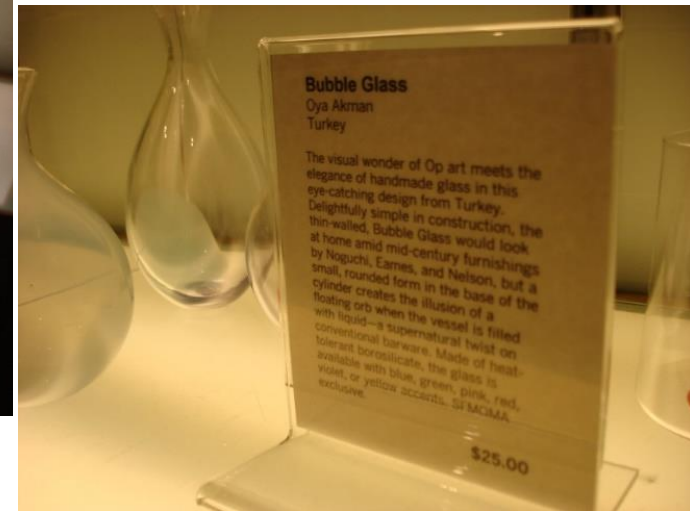
Saturn

DESIGN **PLUS**
2003

Bubble



SEMOMA



DESIGN PLUS

Dieses Glas wird niemals leer: Der Bubble auf dem

Boden bleibt – auch wenn man noch so tief ins Glas schaut. | *This glass never empties. The bubble on the bottom remains – no matter how often you say, “bottoms up!”*



on the market for 40 years .. from 1983





reddot design award
2008



DESIGN PLUS
materialvision 2007



DESIGNPREIS
2009

NOMINEE



BEMBEYAZ / Snow White
Whisky Glass

Innovation

Thin, Light

Special porcelain formula

Different Production System

**Baking the biscuit in the oven with glaze
in one go**

50% Energy Economy

50% Process Economics



observeur design 2009



DESIGNPREIS
2010

NOMINEE



oya design



BEYAZ / White
Porcelain Glass

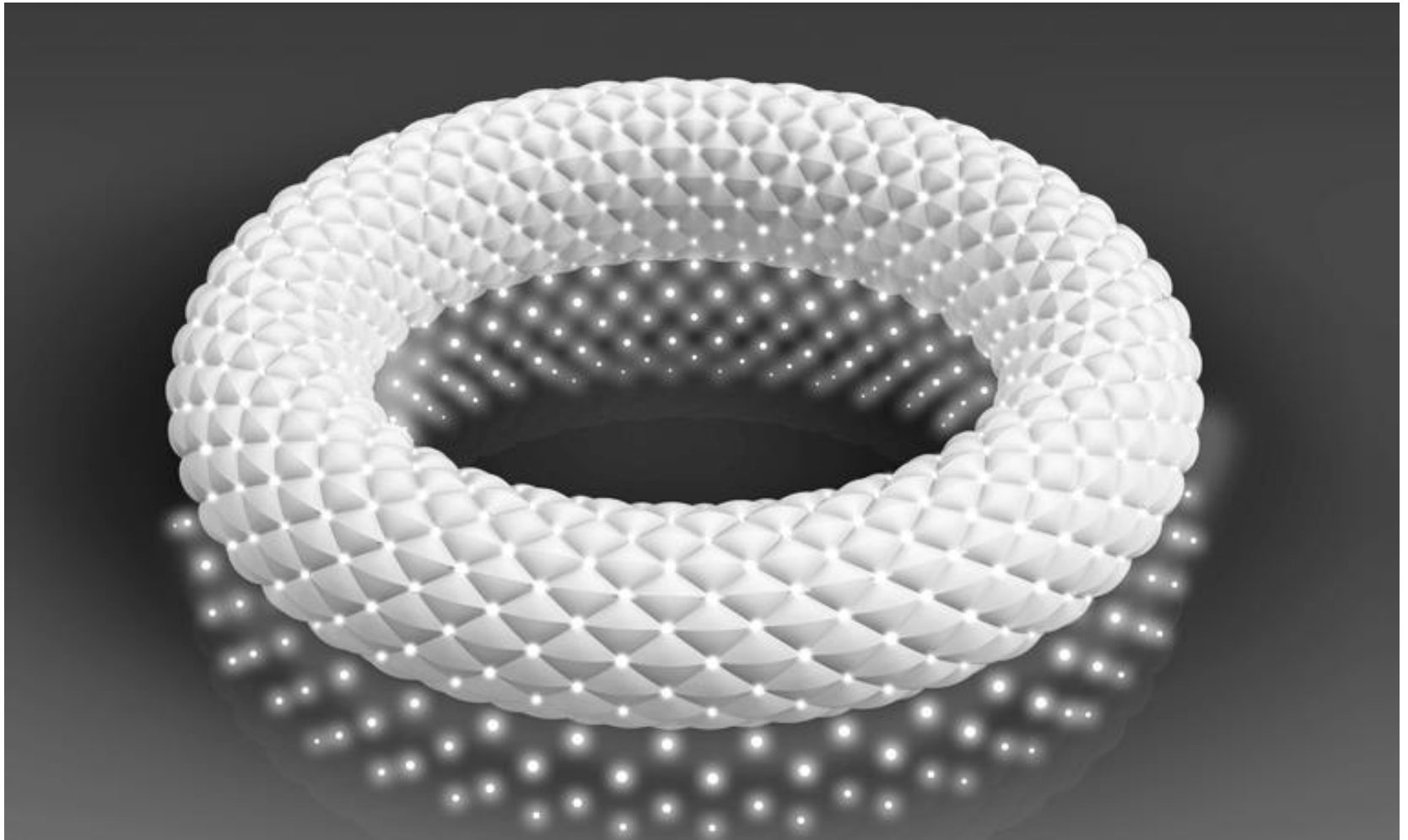
oya design

Innovation

Thin, Light
Special porcelain formula
Different Production System
Baking the biscuit in the
oven with glaze in one go
50% Energy Economy
50% Process Economics



My designs were chosen by German Design Council for their special design exhibitions



3D Printing

HALO lighting - you're an angel



DESIGN AND DESIGN
2011

Messenger

Messenger cup is made up from borosilicate glass.

Doesn't effect from heat reflects.

You can decorate the handle however you want.

Canals on the porcelain saucer provides the cup not being affected when hot drink was poured





**Halka Hula Hoop
2003**



ECLIPSE Coffe Tea Cup

180 cc

PRODUCTION: Casting and turning technique were combined. Hot liquid filling into the handle, heating of the handle was prevented. The process of attaching the handle with one-time production has been removed.



Coffee Cup



Cup



Bowl



Band

Keeping it balanced with one finger



 Paşabahçe



Luna

I was inspired by the dress



7 sizes : water juice whiskey soft drink..

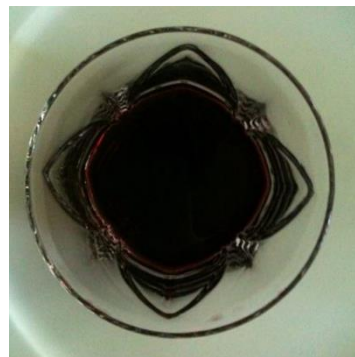
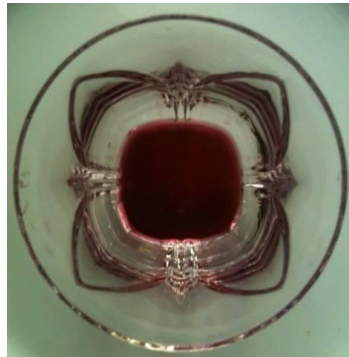


Clouds



and the light comes out through the clouds

 Paşabahçe



looking into the glass

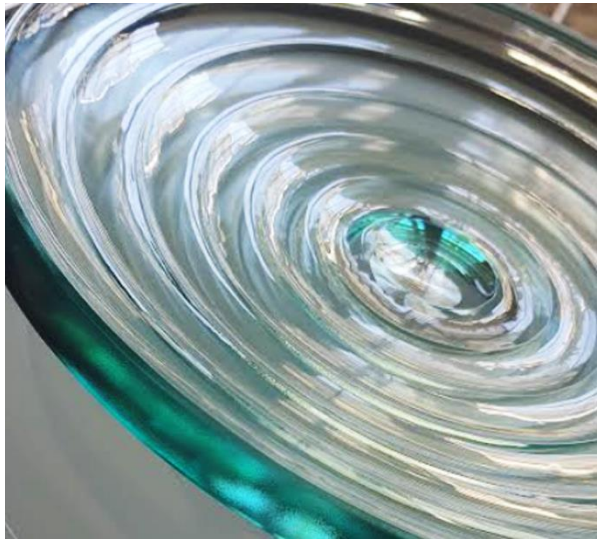


Tulip

colorful tulips with the color of the drink on the table



Efes Ephesus







Olive and leaf little sculpture





ISO Innovation Prize





**Beyazlar İçin
Sıvı Deterjan**



**Renkiler İçin
Sıvı Deterjan**









Gümüş Ödül



2008 Sunar Yağ











Corian vacuum plat



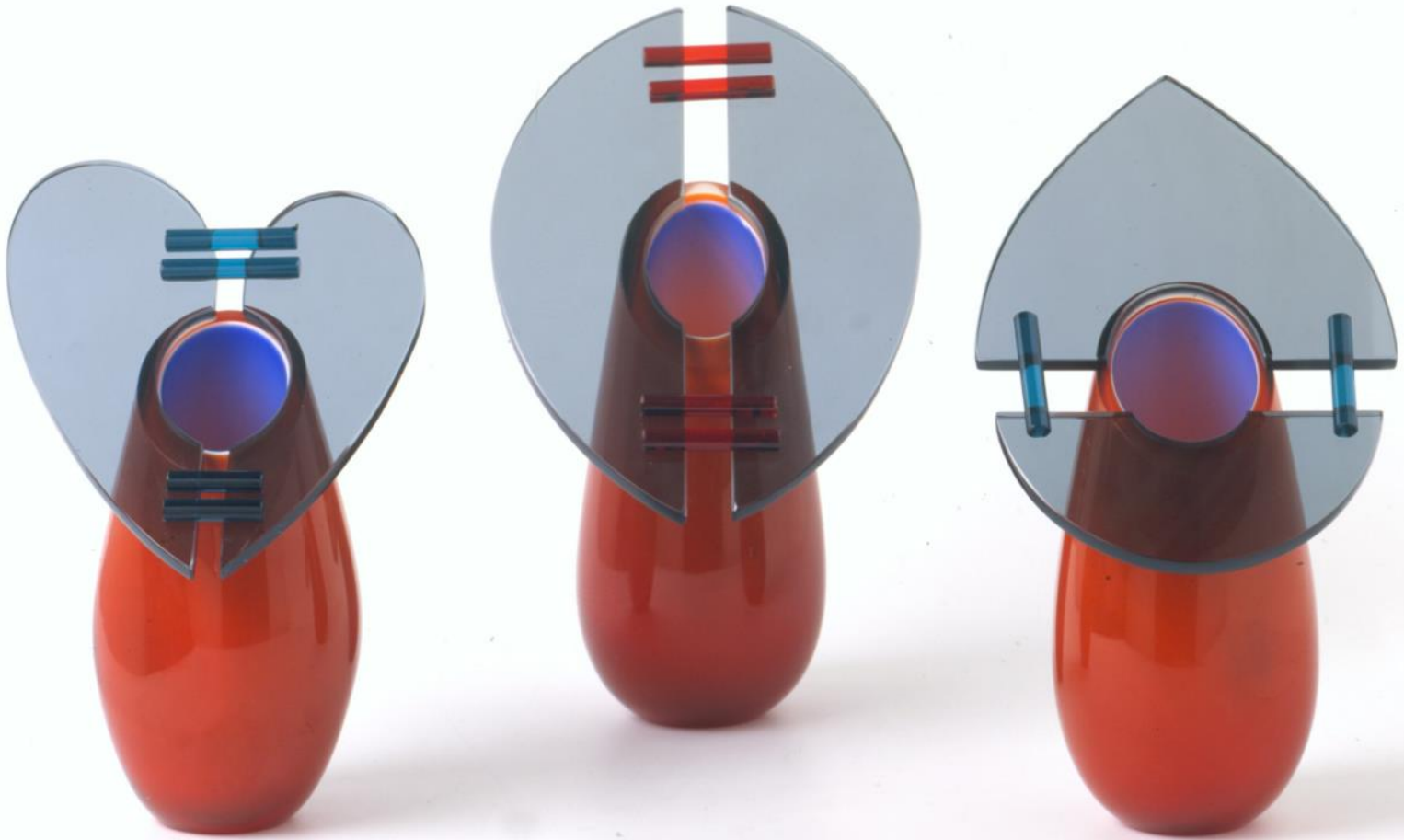
Anatolie

Jewellery Design



DE BEERS
3rd Prize
1998





Insects

THANK YOU

oyadesign.com
oyaakman.com



Oya Akman



Oya.Akman



Oya Design
Oya Akman