GLASSES FREE
AUTO STEREOSCOPIC 3D
Hello
I am Seung Taek Yang, President of Overdigm.

Globally the field of science is being developed at a fast pace for the convenience and safety of human beings. Among it the image industry is standing still not able to overcome to limitations of two-dimensional imaging. Future of the image industry will be dominated by three-dimensional imaging technology which will be look very close to what is seen in real life.

We are a future-driven company, ready to lead the image market through 3D imaging. A patent related to imaging technology is in place for Korea and several countries in the world. The company is small but ready to become a first-class company through a cooperative system created with different industrial fields.

The imaging industry is a technology that is applied in many aspects of our daily lives, not only in TV but in various fields in our daily lives including commercials, entertainment, medical supplies, military supplies etc. Our company will co-exist with different industries and solve urgent issues our nation faces such as creating jobs and other economic problems.

As the young company Overdigm takes a new challenge to become a large tree in the new market, we hope to share the happiness we will bring in the near future.

Thank you.

President, Overdigm
Yang Seung Taek (Former Minister of Telecommunications)
INNOVATION OVER BREAKTHROUGH

GOING OVER THE BARRIERS OF DIMENSION AND LEADING THE WORLD OF 3D IMAGING

3D images have eight times higher imprinting effect compared to 2D images. A company’s desire to be long lasting in consumer’s image, inevitably increased the need for 3D media. Overdigm is fully ready for 3D display.

GLASSES FREE AUTO STEREOSCOPIC 3D
WORLD FIRST & BEST

Memory Comparison

Original imaging 3D imaging
7% 58%

Market Growth Comparison

2D Market 3D Market

TAKING ON THE CHALLENGE FOR A CHANGE!

OVERCOME + PARADIGM

Overdigm does not satisfy in the present but move forward towards the future. We dream for a tomorrow where our emotions and ideas can be freely expressed, going over the limitations of today. Overdigm's 3D display will be part of that imagination.
Overdigm has acquired the only patent on 3D display mapping in Korea, United States and China. With this technology 3D display is being manufactured and distributed throughout the world.

Overdigm with the cooperation with the nation’s top advertisement content firm will lead consumers to a world that no one has experienced.

The glassless 3D display market inevitably brings the win-win growth in the content market.

In the year 2020 Overdigm will stand tall as a global leader leading the 3D display market.

Overdigm takes these demands has part of our mission.

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OVERDIGM’S GLASSLESS 3D DISPLAY

Will be a great selection for all companies who seek an innovative display with clear definition, content technology and globally the best planning and mass production technology.

01

GLASSES FREE

NO NEED TO WEAR GLASSES, JUST LOOK AND FEEL IN YOUR EYES

Overdigm’s 3D display does not require glasses and is watchable from any location.

02

DEAD ZONE FREE

NO NEED TO LOCATE FOR BEST ANGLE, JUST LOOK FROM ANYWHERE

Overdigm’s 3D display’s clean visuals and cubic effect is maintained even while walking.

REVOLUTION OF YOUR EYE-EXPERIENCE
Overdigm’s 3D display will give you an unforgettable experience.
On upper side of the subway a Overdim 3D display is located, the lower side has the advertisement billboard, revealing to users waiting for the subway's arrival.
The display can be used in a wide location with lots of people for events such as advertisement, sales promotion, and new product arrival of certain content.
INTERNATIONAL AIRPORT, PORT, EXPRESS TRAIN, AND THEME PARK
(Grand-size LED display with larger than 200 inches)

By replacing the existing advertisement billboards, consumers can immerse to the various content.
NEW EXPERIENCE

“Overdigm’s 3D display can hold a great attraction from various fields”

**HOME 3D TV**
- Family 3D TV research development
- 3D Color Monitor
- 3D Image Phone
- 3D Video/Multimedia Terminal

**EDUCATION / MEDICAL INDUSTRY**
- Education Exhibition (3D science class)
- Virtual University (Audiovisual education)
- Applying to Medical Field (Dimensional high vision, 3D shooting, telemedicine, teleoperations, medical simulator)

**COMMUNICATIONS / BROADCAST**
- 3D Communications System
- Conference / TV Broadcasting
- 3D Teleworking
- High vision broadcasting through communications satellites
- 3D TV broadcasting through BOSB

**AEROSPACE / AVIATION / DEFENSE**
- 3D Tracing Simulator
- War Game
- Aviation Control Display
- Seabed Exploration
- Remote Exploration

**3D INDUSTRIAL MACHINERY**
- Grand-size Screen
- Multi-view Dimensional Cameras
- 3D Multimedia Terminal
- Applying VR System
- Construction CAD, Designing
- 3D construction blueprints, 3D vehicle floor plan

**ENTERTAINMENT / CULTURE**
- Theme Park
- Game console
- 3D Animation
- 3D Films
- 3D Design

**COMMUNICATIONS / BROADCAST**
- 3D Communications System
- Conference / TV Broadcasting
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- High vision broadcasting through communications satellites
- 3D TV broadcasting through BOSB
It is easy to maintain since the printing happens right on the glass and not through a film or convex lens.

The parallax Barrier method using film and not glass can easily create scratches.

The Lenticular method using convex lens can create dust between the convex lens and become easily contaminated by foreign substances. Such scratches and contamination decrease definition and lots of money and effort needs to be put in the display to maintain high definition.

The patent technology applied in Overdigm’s 3D display, based on same view numbers, creates two times larger brightness and resolution compared to competitors.

Overdigm has the only 3D display mapping patent. If customers see the 3D display even once, they will have an unforgettable sensory experience.

The unique technology of Overdigm, which is called Direct Image Printing on the Glass, makes this possible.
3D TECHNOLOGY COMPARISON

**VIEWING ANGLE**
Due to the wide range of viewing angle, lively 3D effect is shown giving great publicity effect

**ADJUSTING VISUAL FIELD**
Depending on location of installment the best watching distance can be adjusted giving the best sense of realism

**GRAND-SIZE PANEL APPLICABILITY**
With the first 65 inch and greater grand-size display, people’s focus can be concentrated

**RESOLUTION**
With the patent mapping technology people receive a strong image since it is bright, clear, and has high-definition

**PRICE COMPETITIVENESS**
Great ability for mass production and able to produce at a low cost

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**OVERDIGM IS CREATING MORE PATENTS TO MAINTAIN COMPETITIVENESS**

**PATENT IN KOREA**

#10-0947675 Apparatus for Three-dimension Display Panel Manufacturing

#10-1016705 Parallax Barrier and Stereoscopic Display Apparatus Including The Same

#10-1016706 Stereoscopic Display Apparatus

#10-1088634 Stereoscopic Display Panel, Stereoscopic Display Apparatus, and Stereoscopic Display Method

#10-1088635 Stereoscopic Display Panel, Stereoscopic Display Apparatus, and Stereoscopic Display Method

**PATENT IN UNITED STATES**

Patent No: US 9,357,201 B2

Patent: Stereoscopic Display Apparatus

Date: May 31, 2016