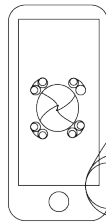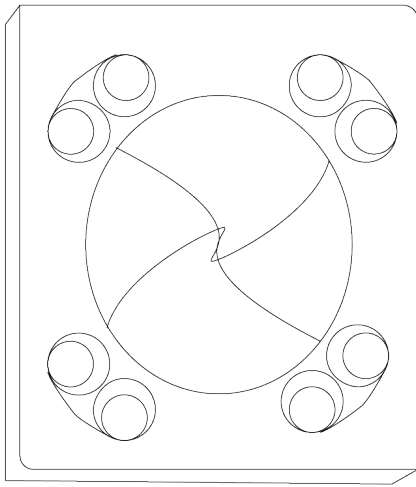# Open the gate with WebAR!

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The Digital Transformation of Painting

 The fourth industrial revolution has accelerated with the impact of the pandemic. Numerous things have been migrating to the Internet at a rapid pace.

 Fine Arts is no exception. Due to the pandemic, there are restrictions on exhibitions in the physical space. There have been topical discussions about how art is to be presented on the Internet.

 In particular, a huge concern is the conversion of a painting that contains its identity within a physical material into a digital format.

 Painting has maintained the simple form on a flat surface and presented on the wall for indefinite periods. There is an analogue and human value of painting in the close experience that comes from the essential simple act - the act of using the body to produce on a flat surface with the painting materials - the interaction between the artist and the painting material, and the communication between the tangible result and the audience.

 Digital conversion of painting has a problem of deterioration of the original. When we view an image through a screen, the physical properties of the original become diluted, and the result is the converted image through another filter called the screen. When the value of a painting rests on the actual material, detailed traces of the original digital transformation of the photo does not convey that value at all.

 My painting stems from abstraction. When I create a painting, I imagine that the colour of the painting contains the landscape, the sound and the smell, and the figures on the scene are alive and moving. I thought that if I were to convert my painting, it should be converted into another form that could only be expressed digitally while maintaining the essence of painting, rather than simply in the form of digital photography documentation.

 Gate05_daybreak has a digitally transformed identity in the form of an avatar, visualised in the environment of webAR.

 This painting is the sixth piece of my *Gate Series*. Each painting is a portal connected to a particular expanse. Experience the moment with *Gate05_daybreak*: a gate made with painting, a physical medium is connected to a digital space through your smartphone.

This web project made by the marker(mindAR) image tracking webAR.js based on the A-frame and used the opensources by *https://github.com/hiukim/mind-ar-js*.