



In West Africa where there is customs that touches the deceased, in the case of a black body bag what contents could not be seen, people opens the bags and are doing their last parting from the deceased. As a result of this customs, the virus spread and the case of infection has been steady.

Black Body Bag  
Blinded inside

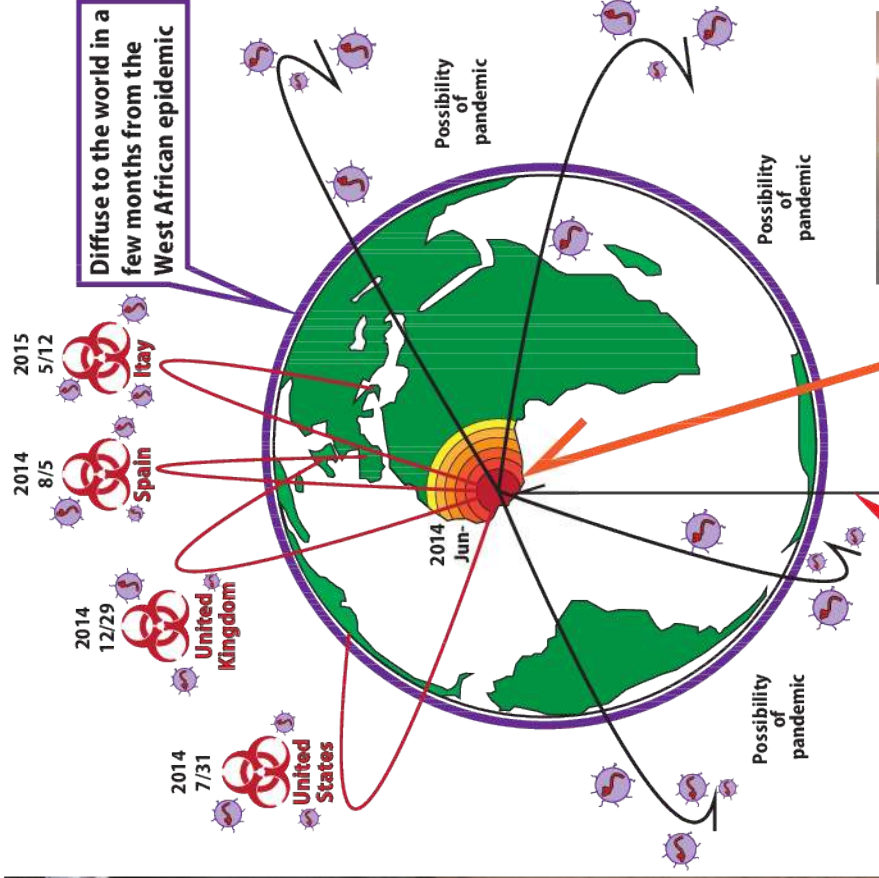
**West Africa**  
Liberia  
Sierra Leone  
Guinea  
Nigeria  
Mali

**2014.6 - 2015.10.18**

**Suspected cases 28,515**

**Death 11,310**

**2** The epidemic in West Africa quickly jumped to the world by modern developed transportation. There was also an enough possibility that the world would fall into a pandemic.



Diffuse to the world in a few months from the West African epidemic

Possibility of pandemic

Possibility of pandemic

Possibility of pandemic



Japan to Liberia

**SOLUTION**

Transparent body bag  
See inside through

Don't touch with bare hands!

The body bag for Ebola hemorrhagic fever

1-1. Diffusion & Infection from the deceased that is custom of West Africa

1-2. Parting from the deceased by opening a black body bag

2. Cause of infection spreading / diffusion

Because it is transparent, it can be parting from the deceased while being sealed.

MINIMUM ARCHITECTURE

**3** We designed a transparent body bag and improved to allow farewell without opening the bag containing the infected person. We received an official request from Ambassador Liberia in Japan and delivered for 800 bodies (1,600 bags) to Liberia.



Delivering to Ambassador of Liberia in Japan

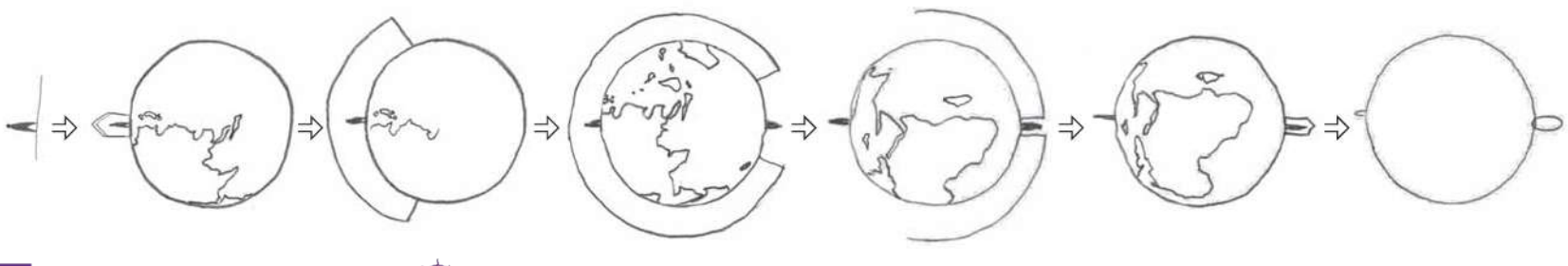


Meeting of production of transparent body bag

Survives from Ebola

TADASHI SAITO + ATELIER NAVE + ZENKON-nex

MINIMUM ARCHITECTURE IS MAXIMUM



Ebola hemorrhagic fever was prevalent centering on West Africa (Liberia, Guinea, Sierra Leone) in 2014. There are various theories of the occurrence, but transmission of human-to-human was owing to contact infection. It is the most effective preventive method to prevent direct contact because infected persons are infected by vomit, blood, meat, saliva, mucus, excrement, sweat, tears, breast milk, semen etc. In West Africa, people bid farewell to the deceased with rinse, cleanse and cuddle the body with family. This custom such a dense funeral is held in West Africa has been said to have led to the spread of this disease. Supporting units were sent from many countries to Liberia, Guinea and Sierra Leone, where the Ebola hemorrhagic fever spread. However, mainly support was the isolation to medical facilities. The dead body was packed in a black body bag and was cremated to prevent infection from the body. However, it seems could not get through a case which the virus spreads at the very moment when only face was exposed, because people would like to look at just the face at the very least even if it was not possible to hold the traditional farewell ceremony of West Africa. The pandemic was extreme, and about to spread around the world. We devised a transparent body bag and decided to support Liberia. It is not certain whether these body bags had the effect of suppressing Ebola infection, but it is a fact that the Ebola hemorrhagic fever was converged after this support. What I would like to say is that it is the architect's occupational ability to confront social problems with ideas. There are no problems that could not be solved as many architects face problems in front. Why the support by transparent body bags for infection prevention is architecture? That means the architecture we make is safe and secure shelter, if we can make contain smallest viruses, it could be called the utmost safe and secure shelter. It is topological. The minimum architecture is the maximum architecture.

ex. From February 2014, Ebola hemorrhagic fever (by Zaire ebolavirus) has become popular in Guinea, Sierra Leone and Liberia, and it had become a pandemic that spans multiple countries. According to the announcement by the World Health Organization (WHO) on October 18, 2015, 28,512 people were infected, including cases of suspected infection, and 11,313 people died.