

## News Release (October 5, 2023)

- Awarded the Good Design Award 2023 for
- Wellbag, the world's first closed-system cell culture container to form spheroids, and SABOT-3, a remote spray can dispenser device for drones.

Toyo Seikan Group is pleased to announce that two of our products, “Wellbag”, the world's first closed-system cell culture container to form spheroids, and “SABOT-3,” a remote spray can dispenser device for drones, have been awarded the Good Design Award 2023\* by the Japan Institute of Design Promotion.



# GOOD DESIGN AWARD 2023

### Products Receiving the Awards

1. Wellbag: The world's first closed-system cell culture container to form spheroids



#### [Product Overview]

In the field of regenerative medicine, which is currently experiencing worldwide research and development efforts, open-system culture containers such as plates and dishes have traditionally been used for spheroid formation in various cells, including iPS cells. However, there has been a growing demand for more efficient and user-friendly alternatives. Leveraging our expertise in container development technology, accumulated over a century since our establishment, we are proud to introduce the world's first closed-system cell culture container, the WellBag. The Wellbag enables

efficient and easy spheroid cultivation, formation, and recovery.

[Comment from the Judges]

The WellBag is a groundbreaking cultivation bag designed for forming spheroids in a closed environment. It has garnered high praise for its ability to form uniform spheroids with exceptional efficiency, its environmentally conscious design, and its scalability from research and development to mass production. It stands as an exemplary design that contributes to the advancement of the industry, and we eagerly look forward to its further evolution and widespread implementation in society.

[Inquiries]

For inquiries regarding the purchase of Wellbag, please contact

Business Management Group,

Business Innovation Office,

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[Product Leaflet]

[https://www.tskg-hd.com/en/group/service/pdf/2022\\_cellsolut\\_wellbag\\_en.pdf](https://www.tskg-hd.com/en/group/service/pdf/2022_cellsolut_wellbag_en.pdf)

[Product Video]

<https://youtu.be/MUGi6oM01nk>

## 2. SABOT-3: Remote spray can dispenser device for drones



[Product Overview]

SABOT-3 is a remote spray can dispenser device for drones. When mounted on a drone, it enables aerial spraying, expanding the capabilities of drones beyond aerial photography. SABOT-3 is capable of high-altitude work without scaffolding, making it suitable for a wide range of purposes. It can be utilized for tasks such as lightweight repair work on structures using rust inhibitors and concrete surface impregnation materials, marking during inspections, and bird damage prevention with repellents, simply by replacing the spray can. Its flexibility is enhanced by the option to attach an auxiliary injection device called the “additional tank” to increase the spraying capacity.

[Comment from the Judges]

This design not only gives drones a functional role but also achieves user-friendly simplicity through thoughtful adjustments. In an era where the coexistence and cooperation of humans and machines

are increasingly necessary, such initiatives will be in high demand.

[Inquiries]

For inquiries regarding the purchase of SABOT-3, please contact

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[Product Video]

<https://youtu.be/Tu4Kkoabrb8>

\*The Good Design Award is the only comprehensive design evaluation and recommendation system in Japan, established in 1957 and organized by the Japan Institute of Design Promotion, a public interest foundation. It is a movement to enhance industry and cultural life through design, with the participation of many companies and designers from Japan and abroad. The “G Mark,” the symbol of the award, is widely recognized as a symbol of good design.

<https://www.g-mark.org/>

### **About Toyo Seikan Group Holdings, Ltd.**

Toyo Seikan Group Holdings, Ltd. is a world-class comprehensive packaging manufacturer, delivering a variety of packaging containers using materials such as metal, plastic, paper, and glass. In the Long-Term Management Vision 2050, "The Future, Wrapped for All," we set the goal to go beyond our traditional field of packaging, aiming to become a corporate group that creates new value that changes society. Founded in 1917, Toyo Seikan Group Holdings, Ltd. conducts business on a global scale, with 45 group companies in Japan and 49 overseas, and currently employs a multinational workforce of 20,000 people. For more information, please visit <https://www.tskg-hd.com/en>

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