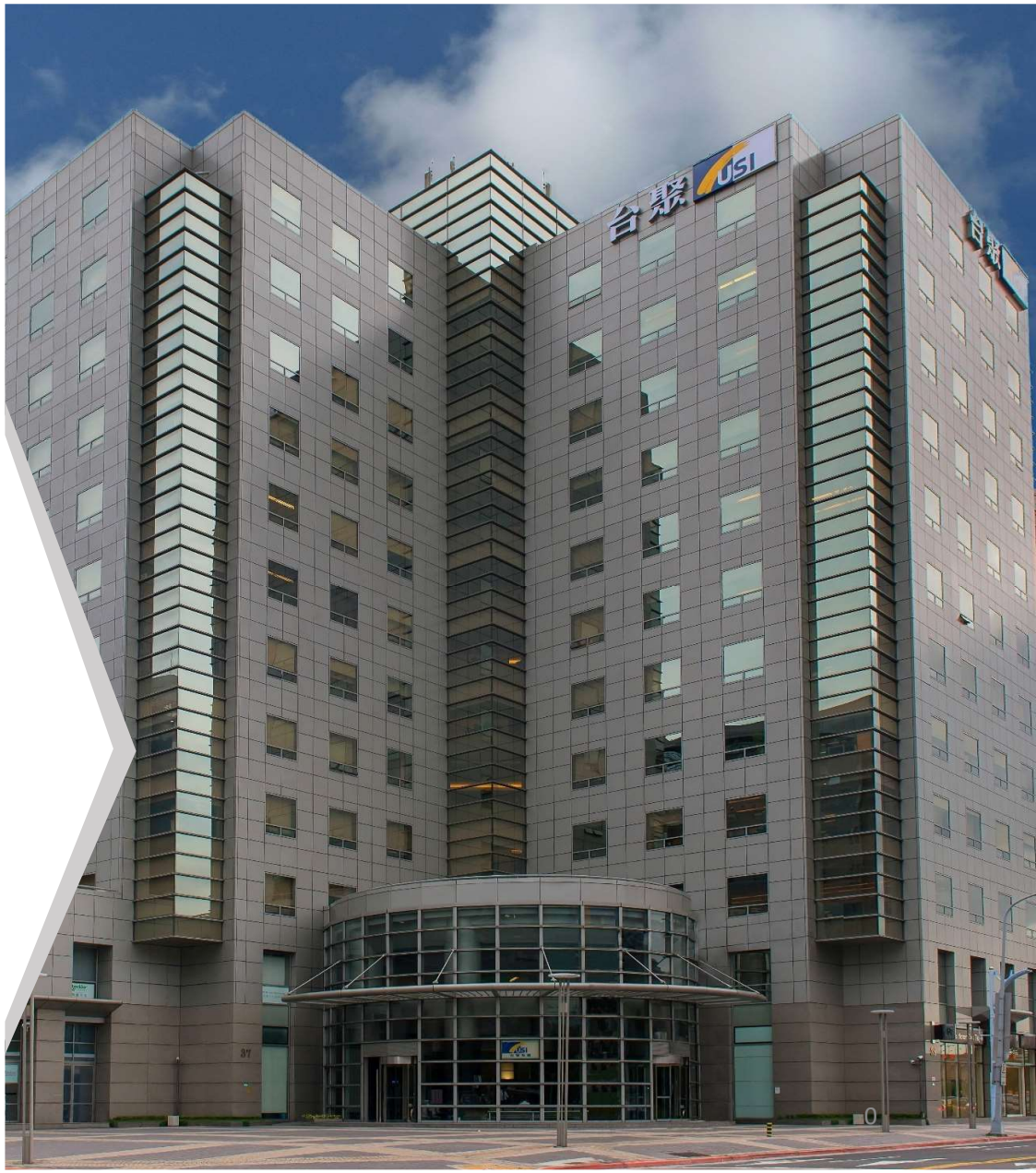
2024
11/29

USIG

Investor Conference



Disclaimer

This presentation includes the Company’ s current information. Any development or adjustments thereof will be published according to laws, regulations or rulings. The Company is not obligated to update or revise this presentation.

The information in this presentation is not for investment advices.

Presentation Outline

01 General Information of USI Business Review and Outlook

02 Finance Information

03 Q & A

Presentation Outline

01 General Information of USI Business Review and Outlook

02

USI
Reported By: Mark Wu
(Vice President of Sales & Marketing Dept.)

General Information of USI

Established Date	May 26, 1965
Capital	NT$ 11.9 Billions
No. of Employees	434 (2024.10.31)
Revenue (2023)	Parent Company Only：NT$11.5 Billions Consolidated：NT$52.3 Billions
Revenue (2024 Q3)	Consolidated：NT$12.9 Billions
Revenue (2024 Q1~Q3)	Consolidated：NT$38.4 Billions

High Pressure LDPE/EVA Plant

Production Facility	• 4 sets of High-Pressure Autoclave Production Lines
Annual Capacity	• LDPE/EVA Total at 150KMT
Main Products	• Low Density Polyethylene Resins (Injection / Film Grades) • Ethylene Vinyl Acetate Copolymer Resins (Foaming / HMA / PV Grades)

Low Pressure HDPE/LLDPE Plant

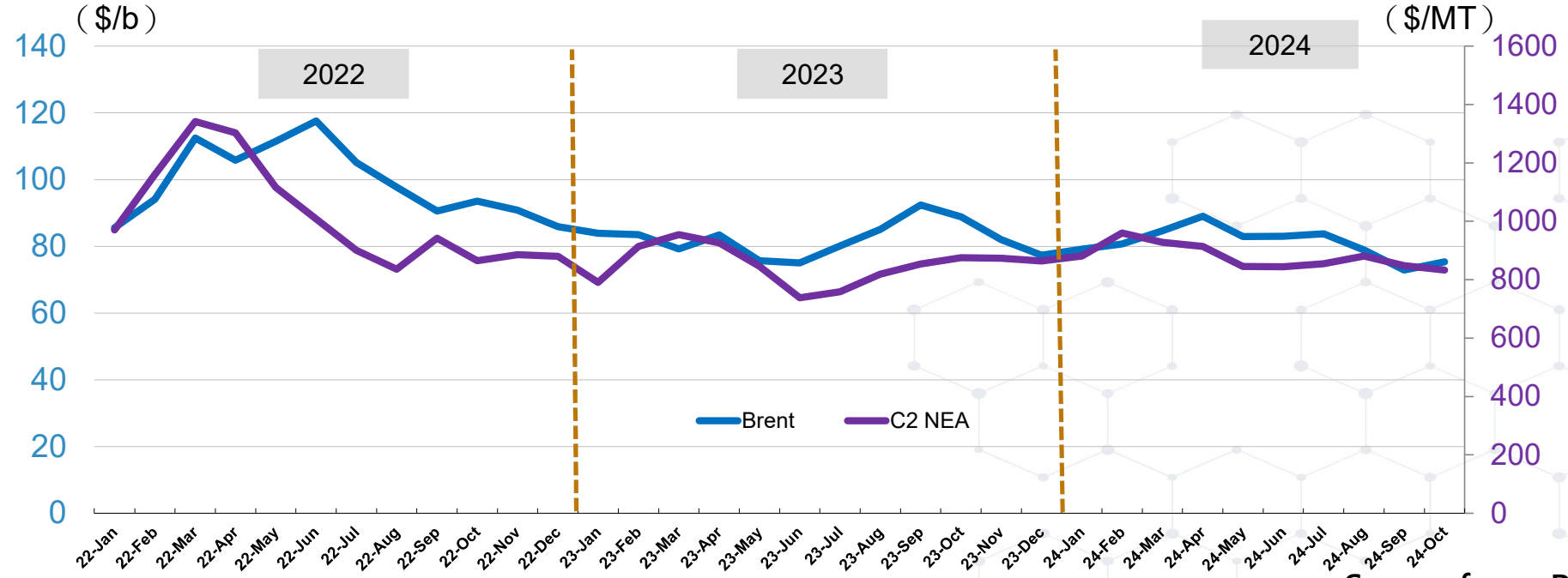
Production Facility	• 1 set of Gas Phase Production Line
Annual Capacity	• HDPE/LLDPE Total at 130KMT
Main Products	• High Density Polyethylene Resins (Injection / Yarn / Rotation Grades) • Linear Low Density Polyethylene Resins (Blown Film / Casting Grades)

USI
Reported By: Mark Wu
(Vice President of Sales & Marketing Dept.)

Business Review and Outlook

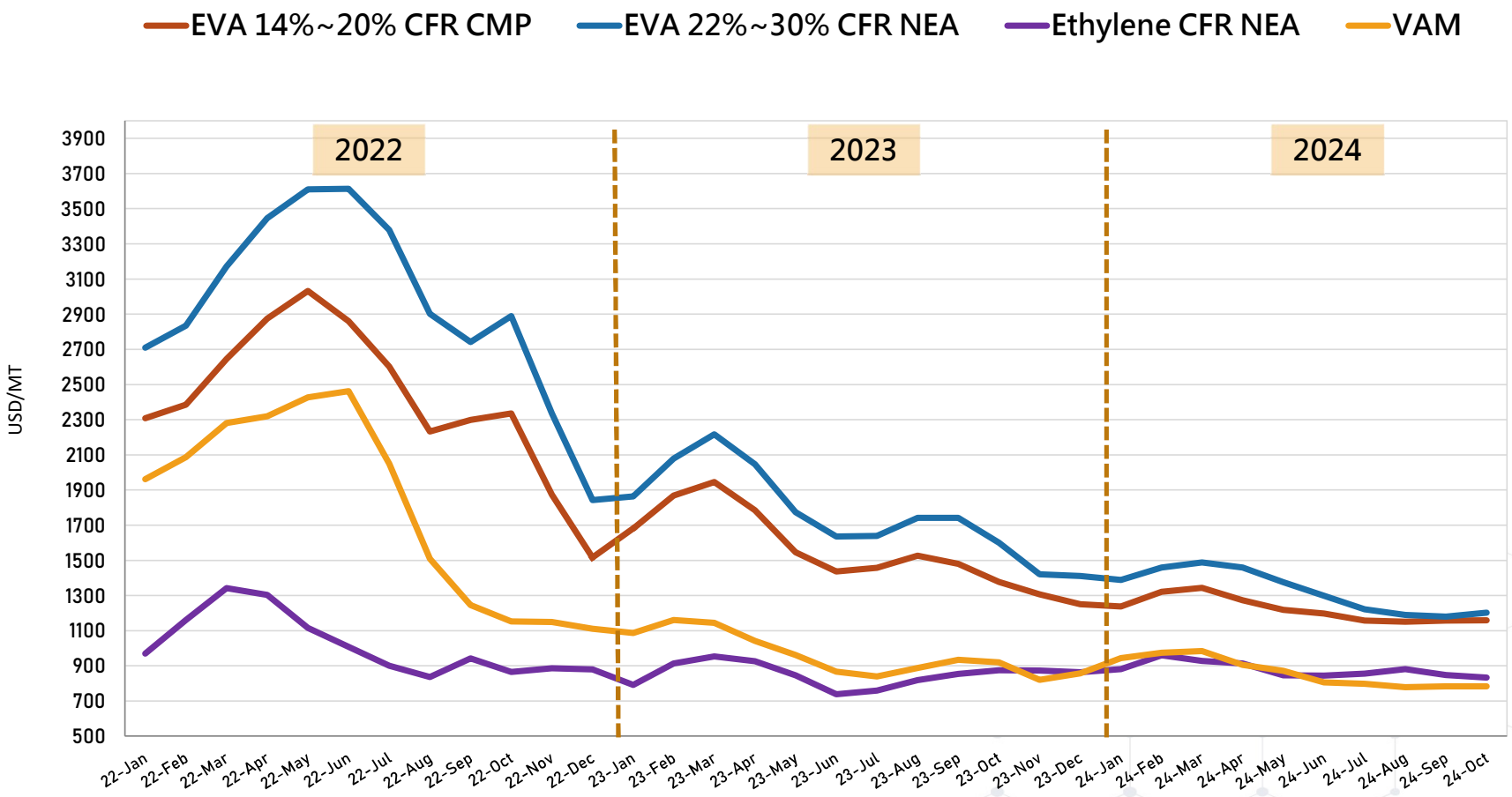
Crude Oil / Ethylene Monomer Review

- International geopolitics and wars caused oil prices to rise continuously in the first quarter. In Q2 and Q3, geopolitical issues in the Middle East were alleviated. OPEC+ extended production cuts, which was inconsistent with market expectations, and oil prices fell significantly. In Q1, the drying up of the Panama Canal led to a surge in freight rates for ethylene. The cargoes from the US were unable to come to Asia, which pushed up the spot price of ethylene. Later, as the water level of the Panama Canal increased, more U.S. ethylene supply came to Asia. With sluggish demand for downstream derivatives, prices in Q2 dropped to around $850. In Q3, short-term maintenance increased in Southeast Asia and the US was hit by hurricanes. Although the spot price of ethylene was temporarily boosted, Asia as a whole remained weak, with the overall price fluctuating between $850 and $890.



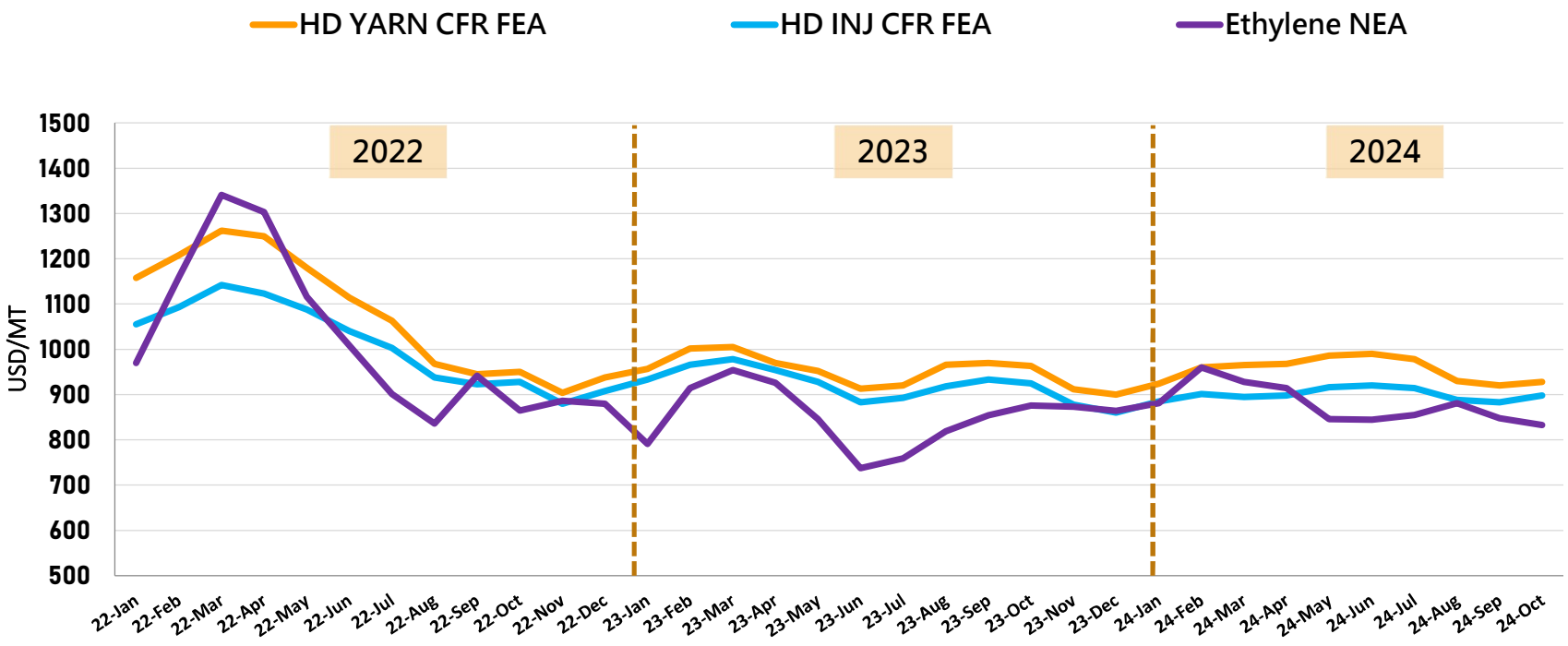
Source from: Platts

EVA Market Review



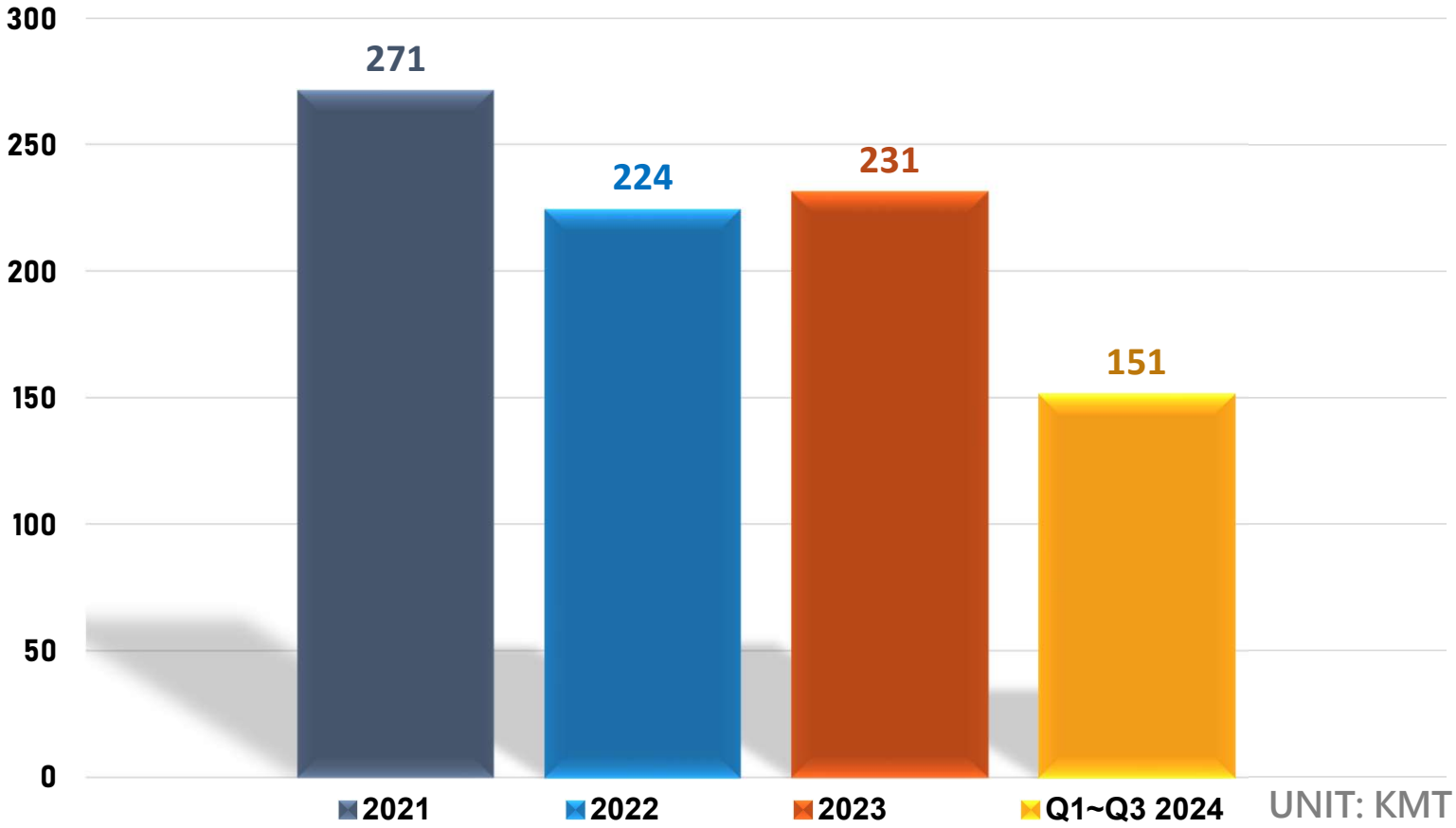
Source from: ICIS

PE Market Review



Source from: Platts

Business Review of 2021 to 2024



Sales Comparison Q1~Q3 2023 and 2024

	Q1~Q3 2023	Q1~Q3 2024	Difference
Total Quantity	177	151	-26

Unit：KMT

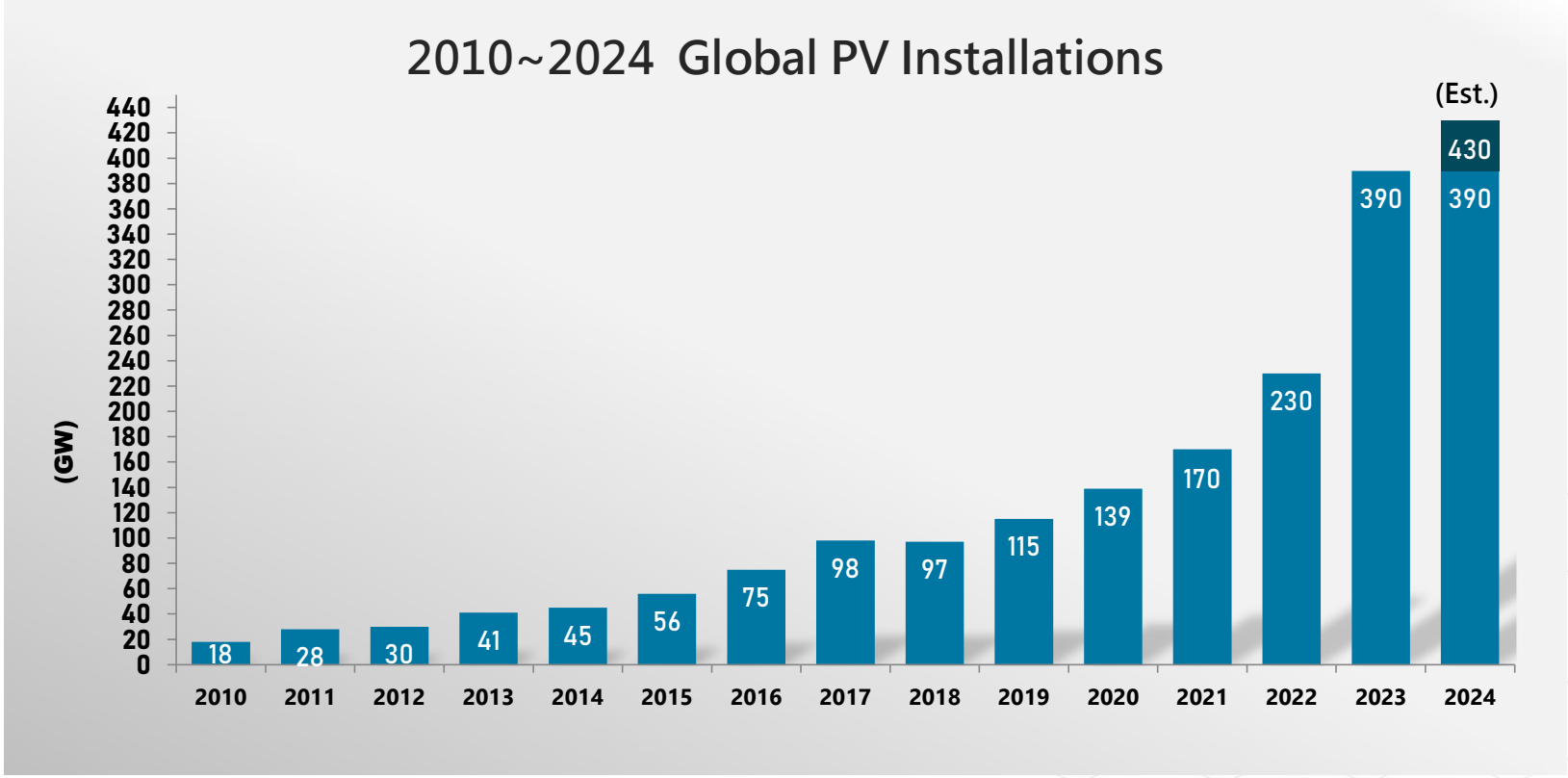
EVA Operation Review: Q1~Q3 2024

- In Q1, EVA prices rose slightly from the low end. In Q2, due to poor PV demand and the lack of demand for foaming, wires and cables, and other applications, the market fell. In Q3, EVA prices were still weak: demand was sluggish, supply exceeded demand, market prices fluctuated slightly and fell, and the overall market was bearish.
- EVA: In Q1, due to more scheduled annual maintenance taking places, sales volume in Q1~Q3 of 2024 decrease by 21% compared with the same period last year.
- Sales distribution: foam grades accounted for 36.2%, HMA grades accounted for 33%, and PV grade accounted for 30.8%.

LDPE/HDPE/LLDPE Operation Review: Q1~Q3 2024

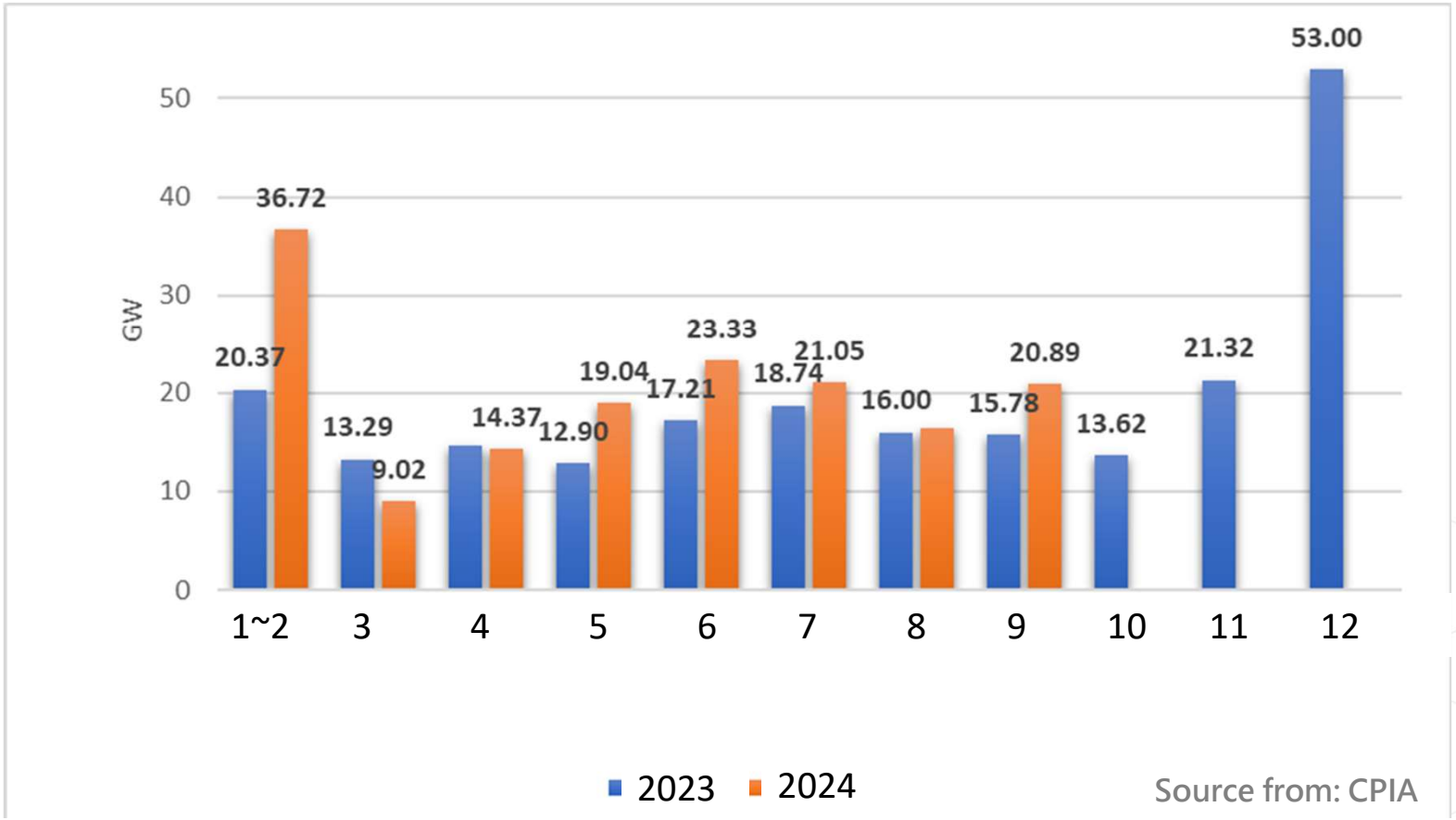
- The global economic recovery was slow, inflation affected end market consumption, and the overall downstream demand for PE was plain.
- HDPE: Orders from domestic customers were stable, and the sales in the first three quarters were equivalent to the same period last year. However, export business was facing the dumping from China with HDPE at low prices, which resulted in a reduction for export orders. Sales volume in Q1~Q3 of 2024 decreased by 6% compared with the same period last year.
- LLDPE: The sales were mainly for domestic market. Domestic customers generally had plain demand. The sales in Q1~Q3 of 2024 decreased by 3% compared with the same period last year
- LDPE: Maintaining sales to existing regular customers with APC’ s OEM products. The sales in Q1~Q3 of 2024 increased by 7% compared with the same period in 2023.

Global PV Demand



Source from :
IHS、Trend Force、CPIA、
BNEF、Wood Mackenzie

China New PV Installations in Q1~Q3 2024

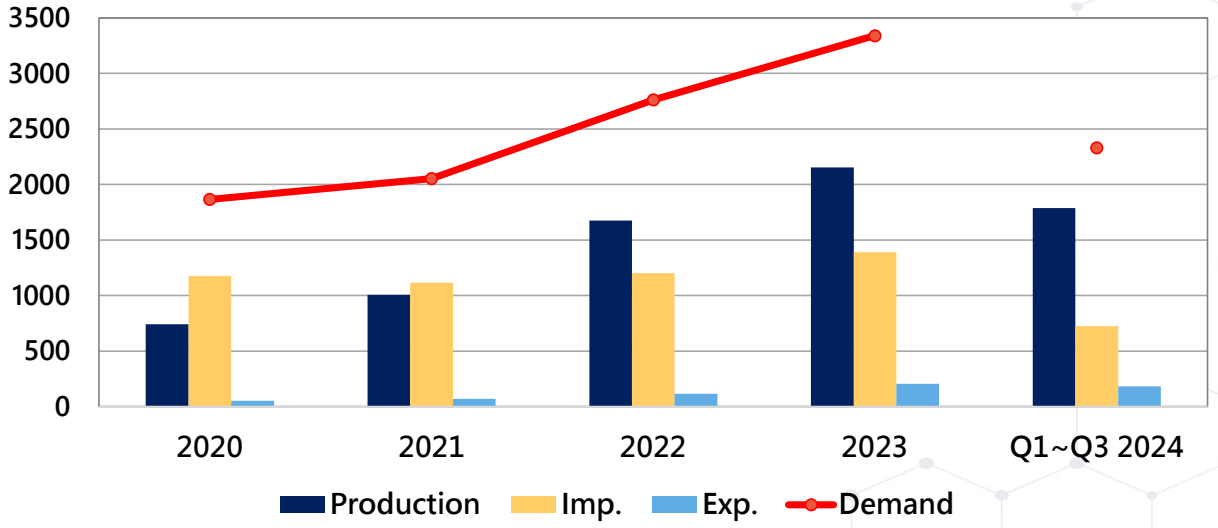


The National Energy Administration of China announced that the newly installed PV capacity in Q1~Q3 was 160.88 GW, a year-on-year increase of 24.8%.
It is calculated that the new PV capacity in September reached 20.89GW, a year-on-year increase of 32.4%.

China EVA Demand

Year	Production	Imp.	Exp.	Demand	Self-sufficiency Rate (%)
2020	741	1,177	54	1,864	40%
2021	1,007	1,117	71	2,053	49%
2022	1,676	1,202	117	2,761	61%
2023	2,154	1,391	206	3,339	65%
Q1~Q3 2024	1,787	725	182	2,330	77%
(Q1~Q3 2023)	1,566	1,053	148	2,472	63%

Unit: KMT



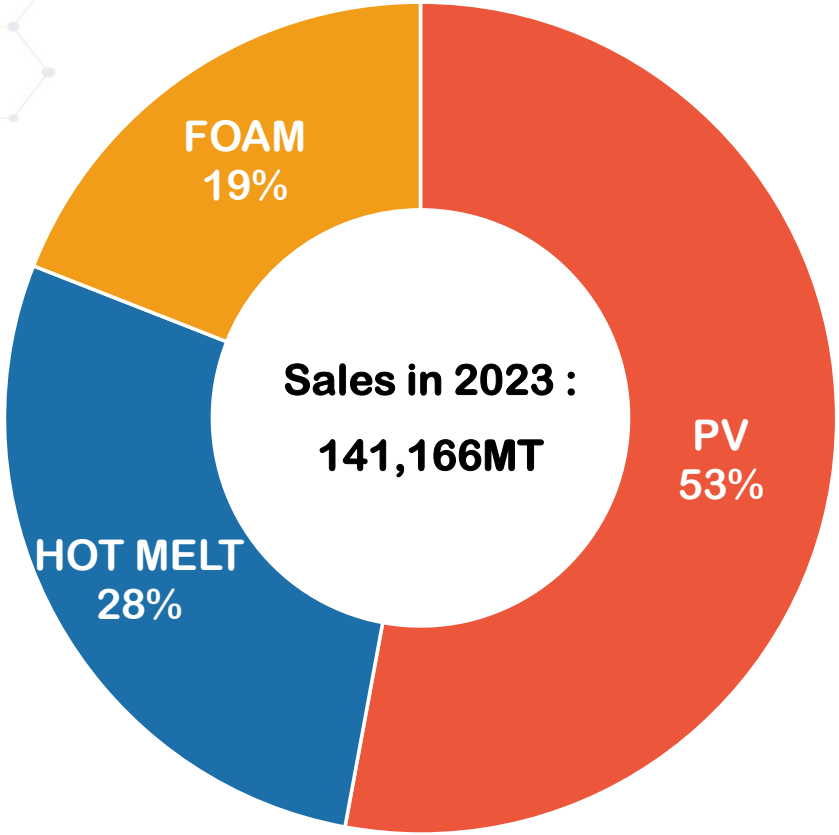
Reference: Chem99, China Customs Data

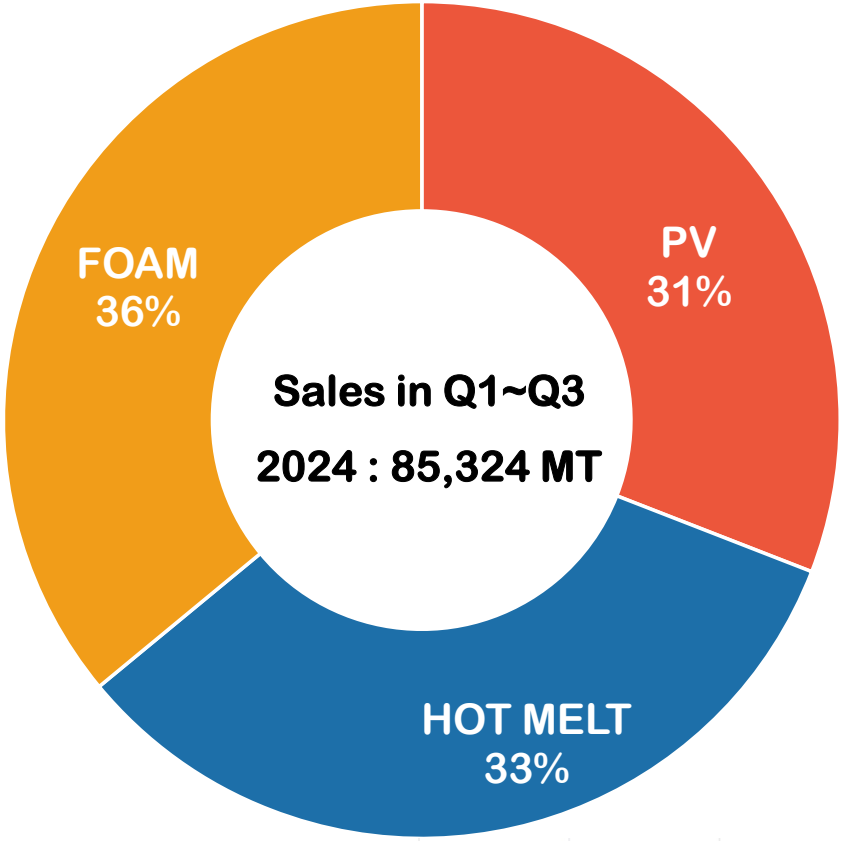
The Proportion of EVA Applications in China

Year	PV Film	Foam	W&C	HMA	Coating	Agri-cultural	Other	Apparent Demand
2016	21	40	16	9	8	2	4	1,303
2017	27	35	16.5	7.5	8	2	4	1,526
2018	30.5	34	17	7	8	1	2.5	1,561
2019	32	32	17	7	7	2	3	1,771
2020	34	30	17	8	7	1	4	1,864
2021	37	28	17	7	7	1	3	2,053
2022	47	22	15	6	6	1	3	2,761
2023	55	19	13	5	5	1	3	3,339

Source from: Chem99
Unit of applications ratio: %
Unit of apparent demand: KMT

USI's EVA Application Proportion





EVA Capacity in China

Company	Annual Capacity	Start Year	Product Applications
BEIJING DONGFANG PC	40	1995	Film/packaging
BASF-YPC COMPANY LIMITED	200	2005	Film/foam(containing high VA)/W&C
BEIJING HUA MEI POLYMER COMPANY LIMITED	60	2010	HMA
SINOPEC YANSHAN COMPANY	200	2011	Film/foam/lamination
LEVIMA ADVANCED MATERIALS TECHNOLOGY	100	2015	Foam(containing high VA)/W&C/PV
FORMOSA PLASTICS CORP.NINGBO	72	2016	Foam(containing high VA)/W&C/PV
JIANGSU SAILBOAT PETROCHEMICAL	300	2017	Foam(containing high VA)/W&C/HMA/PV
SHAANXI YANCHANG COAL YULIN EN. AND CH.	300	2021	Film/foam/W&C/PV
SINOPEC YANGZI PC	100	2021	Foam(containing high VA)/HMA/PV
SINOCHEM QUANZHOU PETROCHEMICAL	100	2021	Foam/W&C/PV
ZHEJIANG PETROLEUM & CHEMICAL CO., LTD.	300	2021	PV
SINOPEC ZHONGKE (GUANGDONG) REF.& CH.	100	2022	Foam/W&C/PV
LEVIMA ADVANCED MATERIALS TECHNOLOGY (Debottleneck)	50	2022	Foam(containing high VA)/W&C/PV
XINJIANG DUSHANZI TIANLI HIGH&NEW TECH	200	2022	Foam/PV
FORMOSA PLASTICS CORP.NINGBO (Debottleneck)	28	2022	Foam(containing high VA)/W&C/PV
FUJIAN GULEI PETROCHEMICAL	300	2023	Foam(containing high VA)/W&C/PV
NINGXIA BAOFENG ENERGY	250	2024Q1	
JIANGSU SAILBOAT PETROCHEMICAL (Phase II)	**200**	2024 Q4	
Total (already in production)	**2900**		
JIANGSU SAILBOAT PETROCHEMICAL (Phase II)	500	2025-2026	
SINOCHEM QUANZHOU PETROCHEMICAL (Debottleneck)	40	2025	
LEVIMA GREEN(SHANDONG) NEW MATERIALS CO., LTD	200	2025	
ZHEJIANG PETROLEUM & CHEMICAL CO., LTD. (Phase II)	400	2025	
JIANGSU FENGHAI HIGH TECH MATERIALS CO., LTD	200	2026	
SHANDONG YULONG PETROCHEMICAL CO., LTD.	700	2026	
BILLION INDUSTRIAL HOLDINGS LIMITED	350	2026	
HUNAN YUEYANG PETROCHEMICAL COMPANY	300	2026	
CHINA ENERGY GROUP NINGXIA COAL INDUSTRY CO., LTD.	100	2026	
Total (New Capacity)	**2790**		

UNIT: KMT

Business Outlook for Q4

- **Crude oil**：

  From the perspective of supply and demand, oil price is expected to be weak. Yet geopolitical risks still affect market sentiment, the average Brent price is expected to fluctuate in the range of US$70~80/barrel.

- **Ethylene**：

  A new cracker plant starts up for its downstream production lines in November, which increases the demand for ethylene procurement. Meanwhile, new contracts for next year will be negotiated at the end of the year. To raise prices, some suppliers reduce spot sales. In addition, goods from the US have not yet arrived in Asia. All resulting in a reduction of supply in Asian market, and ethylene price is expected to rise slightly.

- **VAM**：

  On the supply side, new production capacity continues to come out. Baihong's 100 KMT production capacity is expected to be put into operation by the end of the year. Amid weak demand, Q4 supply is expected to be ample.

Business Outlook for Q4

- PE & EVA：

1. EVA makers such as Tianli and Baofeng in China, Lotte in South Korea, and TPI in Thailand switched to LDPE production due to better spreads, which reduced the supply of EVA. On the other hand, foaming has entered the traditional peak season while PV demand has improved slightly, EVA prices have stopped the decline and rebound. However, in Q4, 200 KMT new capacity of Sailboat’ s put into production. It initially produces LDPE and is said that it will switch to EVA production by the end of the year. The following market situation remains to be watched. The Company continues to promote differentiated products.

2. According to statistics from market research institutions, Mainland China installed capacity in Q1~Q3 of 2024 is 161GW, a 25% increase over the same period last year. It is generally expected that Mainland China installed capacity demand in 2024 will remain on the same level as last year (216 GW). The market is still optimistic about the medium and long-term demand for solar energy.

3. HD/LLD market demand is mediocre, with stable supply to regular customers, and continuous development of export market orders. Recently, ocean freight rates soar significantly, making it more challenging to earn orders from export customers.

Water x food x Air

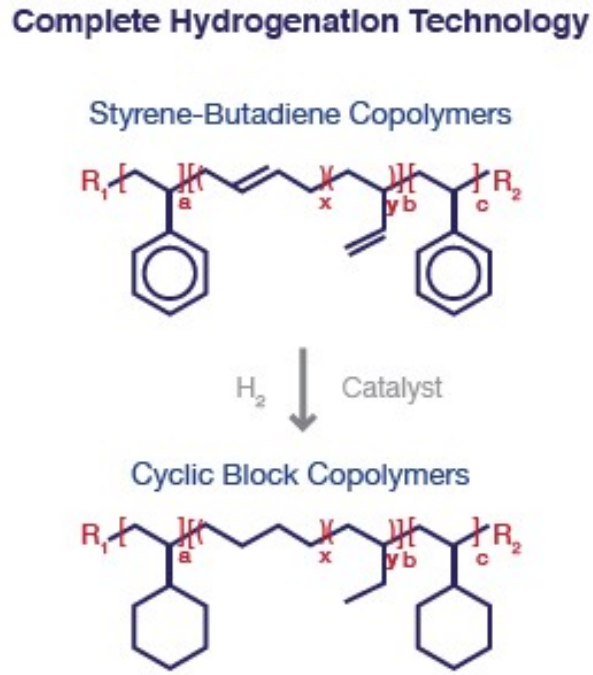
U will see

A convenient and clean life.

usii 優系

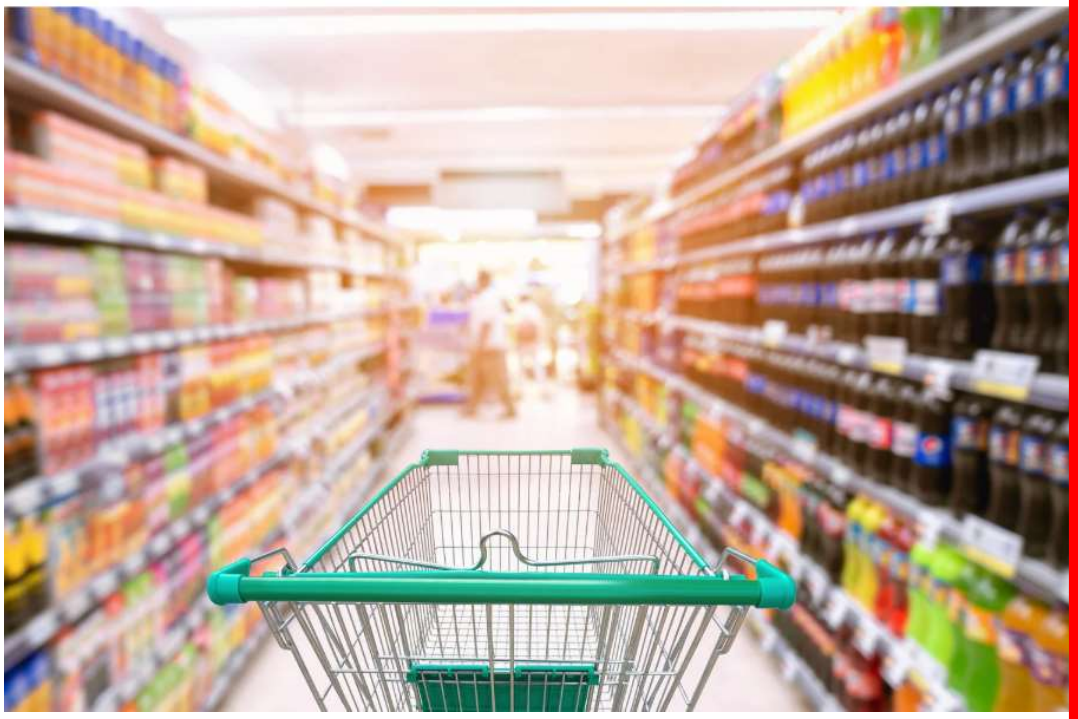
Cyclic Block Copolymer (CBC)

CBC is a family of novel cyclic block copolymers , which are fully hydrogenated polymers based on styrene and conjugated dienes via anionic polymerization. This advanced material has remarkable thermal stability, excellent UV durability, extra-high transparency, low water absorption, low density and superb purity. These features offer the users of CBC with superior design flexibility, easy processing capability and low life-cycle costs. In addition, the flexibility of tailoring polymer micro-structure by adjusting the ratio of poly(cyclohexylethylene) (PCHE) and ethylene-co-1-butene (EB) provides CBC a wide range of properties from rigid plastics to soft elastomers.

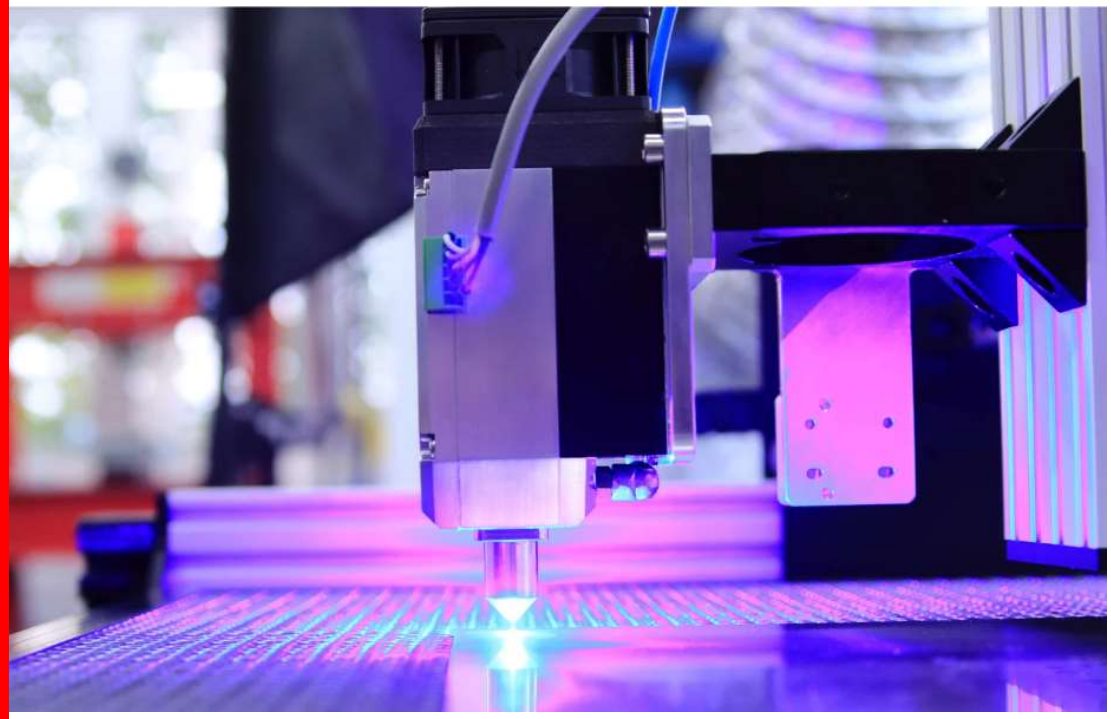


CBC

B2C

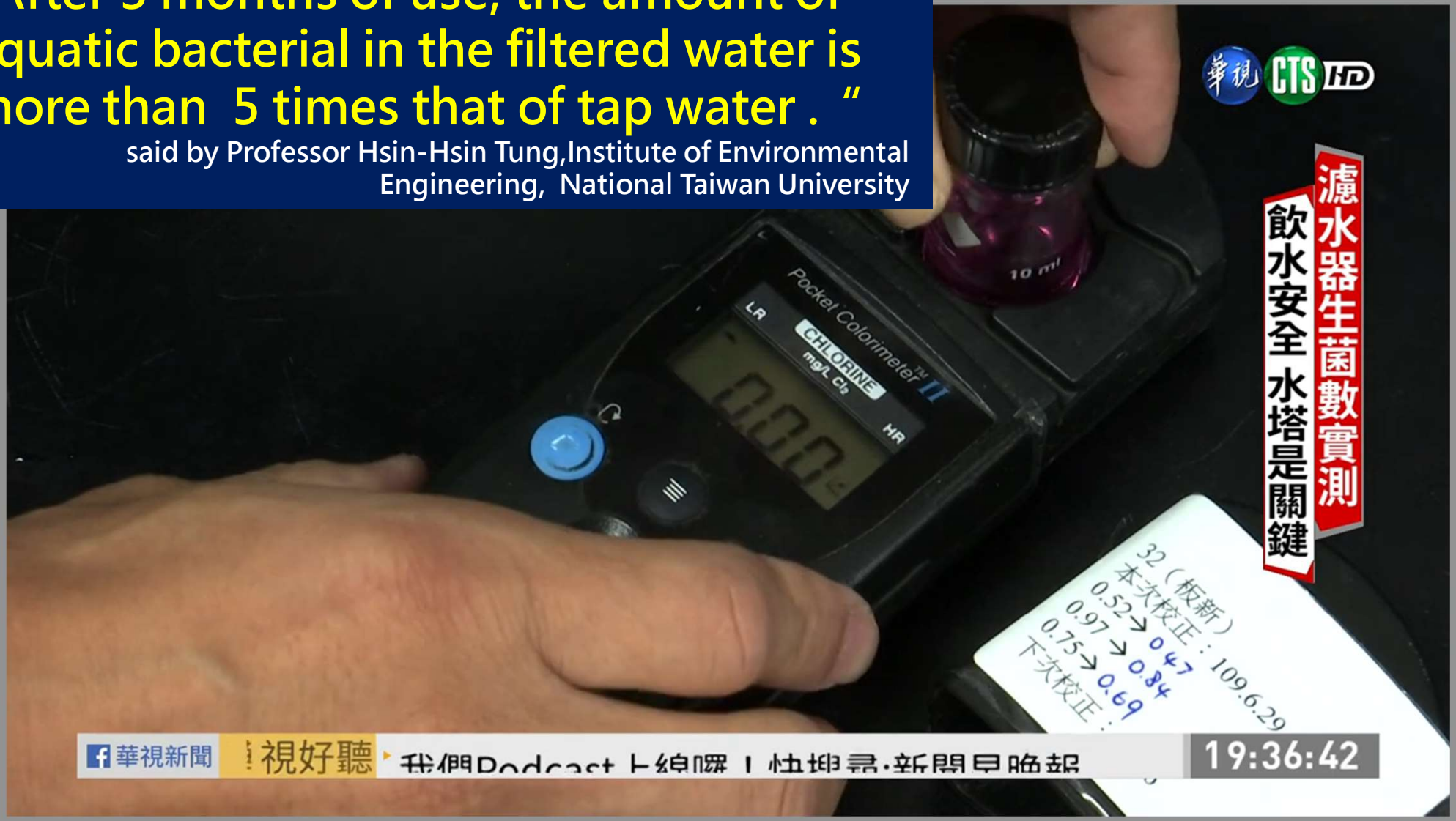


B2B



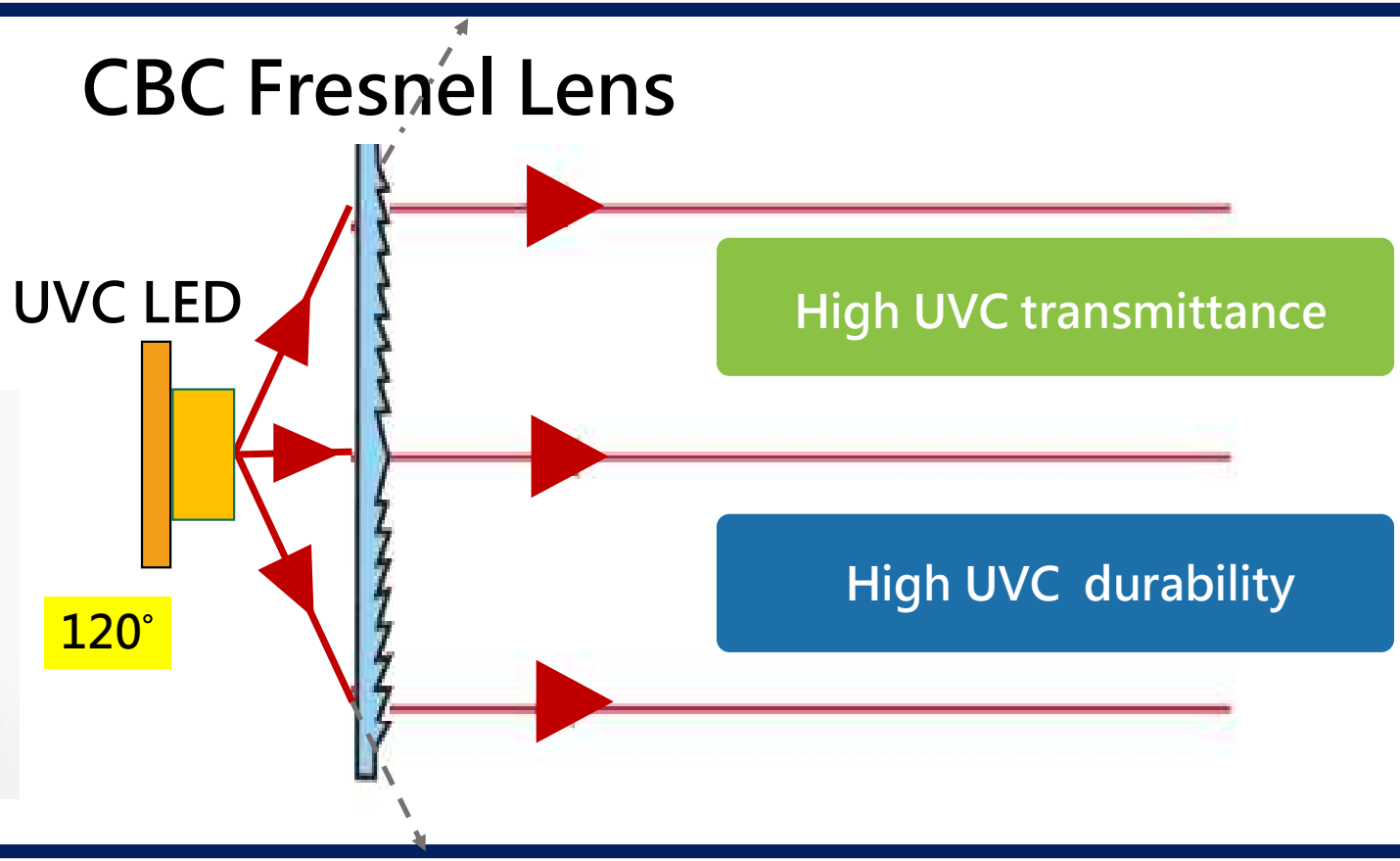
"After 3 months of use, the amount of aquatic bacterial in the filtered water is more than 5 times that of tap water . “

said by Professor Hsin-Hsin Tung,Institute of Environmental Engineering, National Taiwan University




USii Smart UVC
water filter pitcher
Ensure drinking water safety, anytime, anywhere
USii

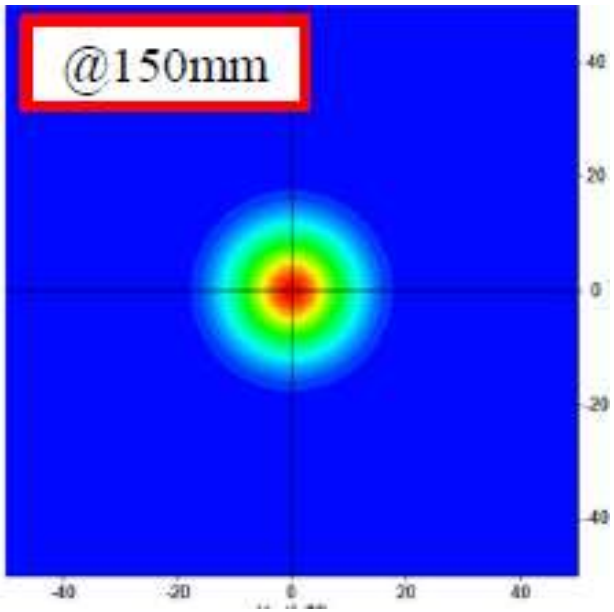
CBC Fresnel Light Condensing



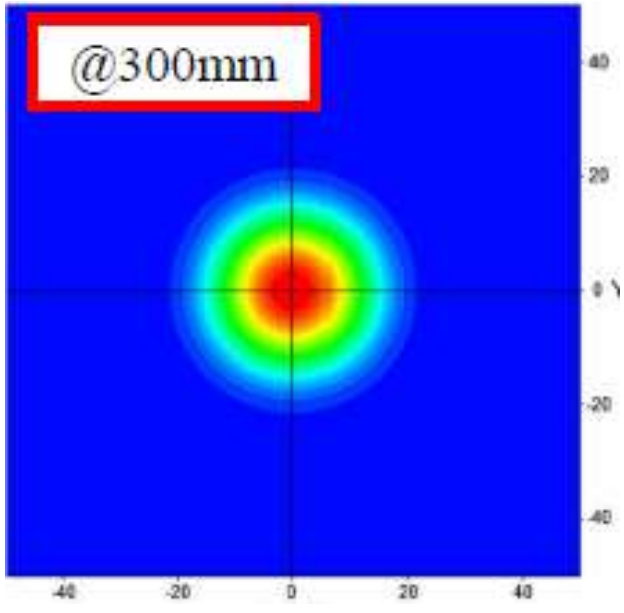
Parallel light, longer disinfection distance

CBC Fresnel Light Condensing

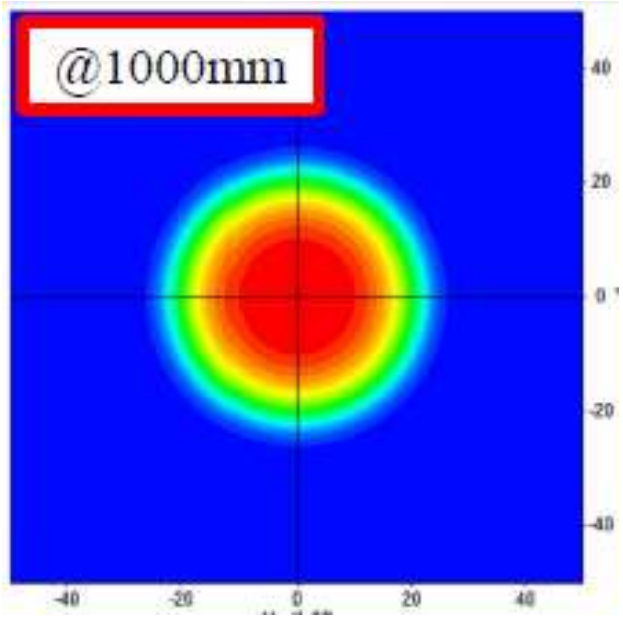
Distance:15cm



Distance:30cm



Distance:100cm



15 times longer distance than other products.

中華民國專利證書

新型第 M652184 號

新型名稱：殺菌水壺

專利權人：順昶先進科技股份有限公司

新型創作人：吳東陽、張世易、王暄惠

專利權期間：自2024年3月1日至2033年9月12日止

上開新型業依專利法規定通過形式審查取得專利權
行使專利權如未提示新型專利技術報告不得進行警告

經濟部智慧財產局 局長

廖承威

中華民國 113 年 3 月 1 日

Registered / Eingetragen 18/06/2024

No 015063881-0002

EUIPO

EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE

CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the Registered Community Design identified below. The corresponding entries have been recorded in the Register of Community Designs.

AMT DER EUROPÄISCHEN UNION FÜR GEISTIGES EIGENTUM

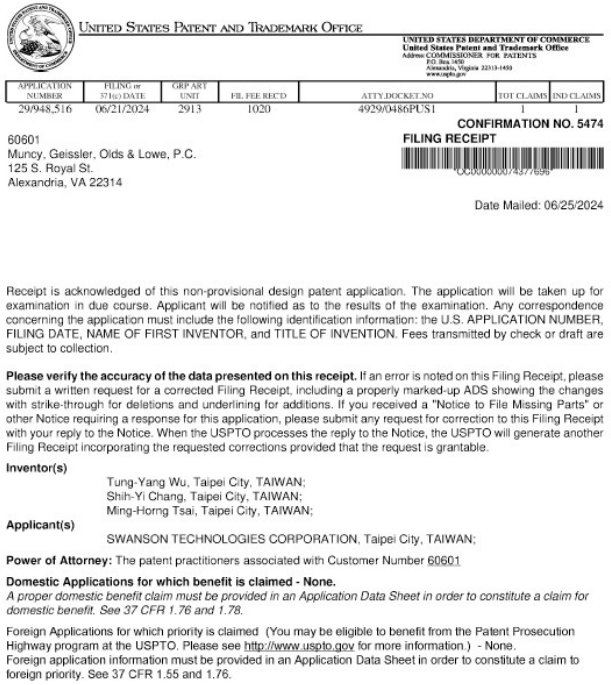
EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für das unten genannte eingetragene Gemeinschaftsgeschmackmuster ausgestellt. Die entsprechenden Einträge sind in das Register für Gemeinschaftsgeschmacksmuster aufgenommen worden.

The Executive Director / Der Exekutivdirektor

João Negrão

www.euipo.europa.eu



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www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
29/948,516	06/21/2024	2913	1020	4929/0486PUS1	1	1

CONFIRMATION NO. 5474

FILING RECEIPT

60601
Muncy, Geissler, Olds & Lowe, P.C.
125 S. Royal St.
Alexandria, VA 22314

Date Mailed: 06/25/2024

Receipt is acknowledged of this non-provisional design patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Tung-Yang Wu, Taipei City, TAIWAN;
Shih-Yi Chang, Taipei City, TAIWAN;
Ming-Horng Tsai, Taipei City, TAIWAN;

Applicant(s)

SWANSON TECHNOLOGIES CORPORATION, Taipei City, TAIWAN;

Power of Attorney: The patent practitioners associated with Customer Number 60601

Domestic Applications for which benefit is claimed - None.
A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Taiwan: Obtain utility model patent

EU: Obtain design patent

U.S.A : Application is in process

USii
Aqua Genie
Self-Clean
Water
Bottle

Every Square Inches

Office Desk: 21,000 Germs

1.Water Dispenser outlet

2.7 Million Germs/ Every Square Inches

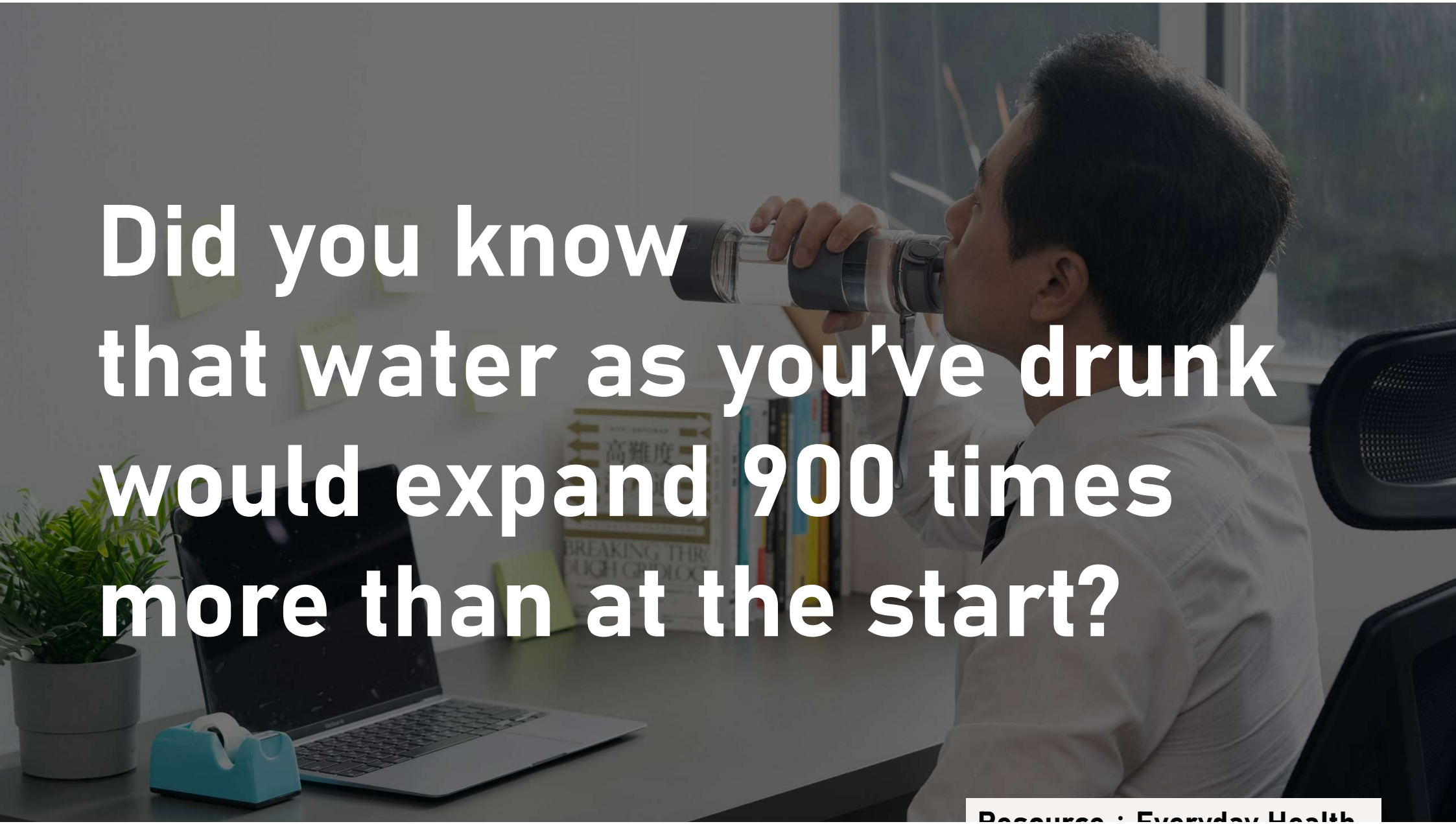
Key boards: 3,300 Germs

Topick Health

The place with the most germs in the office

There are as many as 2.7 million germs in this place

Resource：Dr. Ooi Hean Facebook Post


Did you know
that water as you've drunk
would expand 900 times
more than at the start?
Resource : Everyday Health

UVC 99.9% Antimicrobial Effective Rate

60-Second Smart Sterilization

Sterilize in normal temperature

No need to heat

Automatically active in 2 hours

(Will Active 3 times After 1st Activated to Keep Water Clean)

Auto Power-Off at 30° Tilt

Aqua Genie-SGS Antimicrobial Effectiveness Testing

SGS 半導體超微量分析中心
Ultra Trace Analysis Service Center of Semiconductor

Test Report

REPORT NO.: DNP24600010M01 Date: 2024/07/29

SWANSON TECHNOLOGIES CORPORATION
4F., NO. 39, JIHU RD., NEIHU DIST., TAIPEI CITY 11492, TAIWAN (R. O. C.)

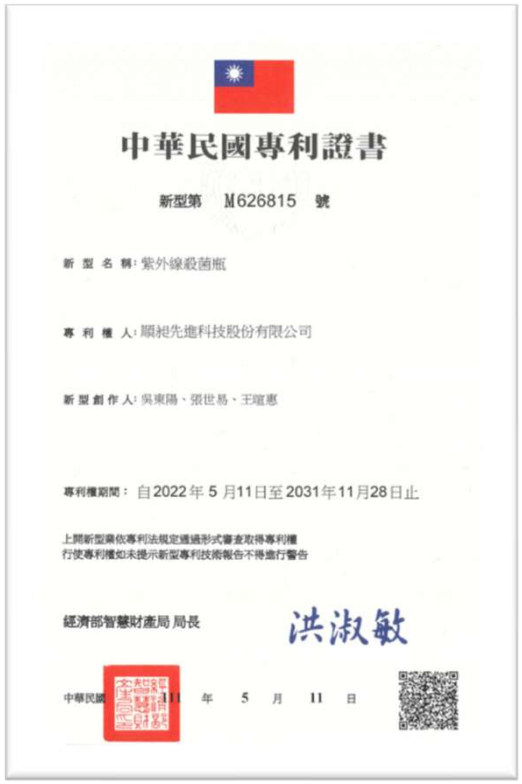
The following sample(s) was/were submitted and identified by/on behalf of client as:

Sample Name : USii AQUA Genie Self-Cleaning Water Bottle
Applicant : SWANSON TECHNOLOGIES CORPORATION
Item No : USiiAGB500MXX(XX=A-Z)
Date of Received : 2024/06/28
Date of Testing : 2024/06/28 ~ 2024/07/29
Test Requested: Antimicrobial Effectiveness Testing.
Test Method : With reference to the client's specific method. Take 3.5mL of bacterial liquid (about 10^3 CFU/mL) in 346.5mL of PBS. Mix evenly and put it into the sample. Turn on the UV light function. After irradiation for 60 seconds, take 100mL and filter it with a 0.45μm filter. Membrane filtration, clamp the filter membrane onto TSA, incubate at 32.5±2.5°C for 3 days, observe and count the number of bacteria.

Test Results :

Organism	Counts of the control at contact time (CFU/100mL)	Contact time	Counts of the sample at contact time (CFU/100mL)	Anti Micro Activity (%)
Escherichia coli	1.9×10^3	60 seconds	<1	>99.9

Aqua Genie Patented by Taiwan/China/Japan



中華民國專利證書

新型第 M626815 號

新型名稱：紫外線殺菌瓶

專利權人：順昶先進科技股份有限公司

新型創作人：吳東陽、張世易、王暄惠

專利權期間：自2022年5月11日至2031年11月28日止

上開新型業依專利法規定通過形式審查取得專利權
行使專利權如未提示新型專利技術報告不得進行警告

經濟部智慧財產局 局長 洪淑敏

中華民國 111 年 5 月 11 日

中華民國專利證書

設計第 D225196 號

設計名稱：水瓶

專利權人：順昶先進科技股份有限公司

設計人：吳東陽、張世易、王暄惠

專利權期間：自2023年5月1日至2037年11月9日止

上開設計業經專利權人依專利法之規定取得專利權

經濟部智慧財產局 局长 廖承威

中華民國 112 年 5 月 1 日

证书号第16712794号

实用新型专利证书

实用新型名称：一种紫外线杀菌瓶

发明人：吴东阳;张世易;王暄惠

专利号：ZL 2021 2 3001265.8

专利申请日：2021年12月02日

专利权人：顺昶先进科技股份有限公司

地址：中国台湾台北市

授权公告日：2022年06月14日　　授权公告号：CN 216737655 U

国家知识产权局依照中华人民共和国专利法经过初步审查，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。专利权期限为十年，自申请日起算。

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局长 申长雨

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実用新案登録証

登録第3240466号

考案の名称　紫外線殺菌ボトル

実用新案権者　台湾114臺北市内湖區基湖路37號12樓
国籍・地域　台湾
順昶先進科技股分有限公司

考案者　吳東陽
張世易
王暄惠

出願番号　実願2022-003689

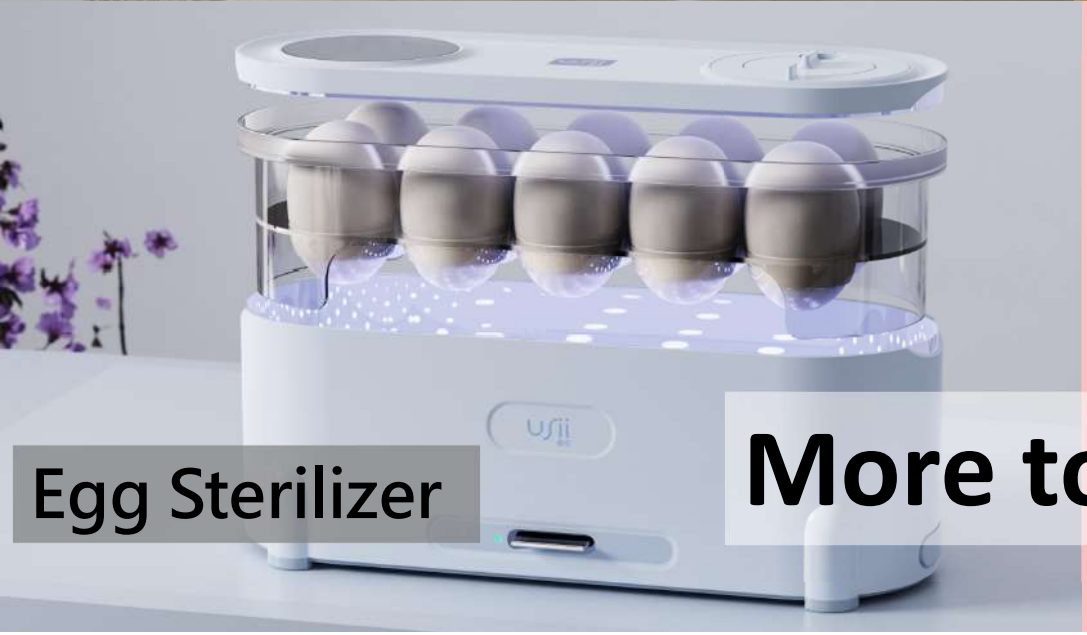
出願日　令和4年11月8日

登録日　令和4年12月28日

この考案は、登録するものと確定し、実用新案原簿に登録されたことを証する。

令和4年12月28日

特許庁長官　濱野幸一



Egg Sterilizer

More to come

Pacifier Sterili

Presentation Outline

02

Finance Information

USI
Reported By: Amy Kuo
(Accounting Manager)

Finance Information

USI CORPORATION
Consolidated Statements of Income

(In millions of NTD, except per share data)

	2024 1/1~9/30 (Consolidated)	2023 1/1~9/30 (Consolidated)	YoY%	2023 FY (Consolidated)	2022 FY (Consolidated)	2021 FY (Consolidated)	2020 FY (Consolidated)
Sales	38,388	39,435	-2.7%	52,265	66,437	71,756	50,201
Cost of goods sold	36,449	34,779	4.8%	46,658	55,497	54,002	39,721
Gross profit	1,939	4,656	-58.4%	5,606	10,940	17,754	10,480
gross profit ratio	5%	12%		12%	17%	25%	21%
Selling and administrative expens	2,857	2,638	8.3%	3,519	4,767	4,441	3,221
R&D expenses	340	362	-6.0%	468	437	430	363
Operating income(loss)	(1,258)	1,656	-176.0%	1,619	5,736	12,883	6,896
operating income ratio	-3%	4%		3%	9%	18%	14%
Non-operating income(loss)	(2,311)	(2,214)		(3,556)	(5,039)	(130)	227
Income(Loss) before income taxes	(3,569)	(557)	540.7%	(1,937)	697	12,752	7,123
Income tax expense (benefit)	(430)	217		(30)	758	2,673	1,440
Net (Loss)Income	(3,139)	(775)	305.3%	(1,907)	(61)	10,079	5,683
net (loss)/income ratio	-8%	-2%		-4%	0%	14%	11%
Net Loss(Income) attributable to							
- USI Corporation	(1,304)	161	-910.7%	(207)	1,555	5,191	2,410
- non-controlling interests	(1,835)	(935)	96.1%	(1,700)	(1,616)	4,888	3,273
Basic Earnings Per Share	(1.22)	0.15		(0.19)	1.45	4.84	2.25

USI Corporation
Financial Ratio Analysis-Consolidated

	2024 1/1~9/30	2023 FY	2022 FY	2021 FY	2020 FY
Operating income margin(%)	(3)	3	9	18	14
Net income margin(%)	(8)	(4)	(0)	14	11
Debt ratio(%)	38	36	34	34	37
Current ratio(%)	197	249	293	227	225
Quick ratio(%)	137	184	215	172	185
Accounts receivable turnover days	40	47	48	43	54
Inventory turnover days	54	55	49	40	42

Presentation Outline

02

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Q & A

Thanks for attending and kind support

Company Website：https://www.usife.com.tw