

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED FINANCIAL STATEMENTS AND
INDEPENDENT AUDITORS' REPORT
MARCH 31, 2023 AND 2022

For the convenience of readers and for information purpose only, the auditors' report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. In the event of any discrepancy between the English version and the original Chinese version or any differences in the interpretation of the two versions, the Chinese-language auditors' report and consolidated financial statements shall prevail.

INDEPENDENT AUDITORS' REPORT TRANSLATED FROM CHINESE

To GCS Holdings, Inc.

Introduction

We have reviewed the accompanying consolidated balance sheets of GCS Holdings, Inc. and subsidiaries (the "Group") as of March 31, 2023 and 2022, and the related consolidated statements of comprehensive income, of changes in equity and of cash flows for the three-month periods then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with Regulations Governing the Preparation of Financial Reports by Securities Issuers and International Accounting Standard 34, "Interim Financial Reporting" that came into effect as endorsed by the Financial Supervisory Commission. Our responsibility is to express a conclusion on these consolidated financial statements based on our reviews.

Scope of our review

Except as explained in the *Basis for Qualified Conclusion*, we conducted our reviews in accordance with the Standard on Review Engagements 2410 "Review of Financial Information Performed By The Independent Auditor Of The Entity" of the Republic of China. A review of consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

Basis for Qualified Opinion

As explained in Note 6(5), the financial statements of investments accounted for under the equity method were not reviewed by independent auditors. The balance of investments accounted for using the equity amounted to NT\$2,257,581 thousand and NT\$2,439,943 thousand, respectively, constituting 53% and 52% of the consolidated total assets as of March 31, 2023 and 2022; and share of comprehensive loss of

associates and joint ventures accounted for using the equity method amounted to NT\$167,988 thousand and NT\$142,184 thousand, respectively, constituting 57% and 422% of the consolidated total comprehensive loss for the three-month periods then ended, respectively.

Qualified Conclusuon

Except for the adjustments to the consolidated financial statements, if any, as might have been determined to be necessary had the financial statements of equity method investee been reviewed by independent auditors, that we might have become aware of had it not been for the situation described above, based on our reviews, nothing has come to our attention that causes us to believe that the accompanying consolidated financial statements do not present fairly, in all material respects, the consolidated financial position of the Group as of March 31, 2023 and 2022, and of its consolidated financial performance and its consolidated cash flows for the three-month periods then ended in accordance with “Regulations Governing the Preparation of Financial Reports by Securities Issuers” and International Accounting Standard 34, “Interim Financial Reporting” that came into effect as endorsed by the Financial Supervisory Commission.

Bai, Shu-Chien

Cheng, Ya-Huei

For and on behalf of PricewaterhouseCoopers, Taiwan

May 2, 2023

The accompanying consolidated financial statements are not intended to present the financial position and results of operations and cash flows in accordance with accounting principles generally accepted in countries and jurisdictions other than the Republic of China. The standards, procedures and practices in the Republic of China governing the audit of such financial statements may differ from those generally accepted in countries and jurisdictions other than the Republic of China. Accordingly, the accompanying consolidated financial statements and independent auditors’ review report are not intended for use by those who are not informed about the accounting principles or auditing standards generally accepted in the Republic of China, and their applications in practice.

As the financial statements are the responsibility of the management, PricewaterhouseCoopers cannot accept any liability for the use of, or reliance on, the English translation or for any errors or misunderstandings that may derive from the translation.

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
MARCH 31, 2023, DECEMBER 31, 2022 AND MARCH 31, 2022
(EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS)
(THE BALANCE SHEETS OF MARCH 30, 2023 AND 2022 ARE REVIEWED, NOT AUDITED)

Assets	Notes	March 31, 2023		December 31, 2022		March 31, 2022		
		AMOUNT	%	AMOUNT	%	AMOUNT	%	
Current assets								
1100	Cash and cash equivalents	6(1)	\$ 337,650	8	\$ 442,196	10	\$ 778,385	16
1170	Accounts receivable, net	6(2)	207,857	5	199,516	4	197,007	4
1180	Accounts receivable - related party	6(2) and 7	7,773	-	2,958	-	6,747	-
1200	Other receivables		4,103	-	3,843	-	4,658	-
1210	Other receivables - related parties	7	5,634	-	5,984	-	121	-
1220	Current income tax assets		34,189	1	34,480	1	32,140	1
130X	Inventories	6(3)	365,779	8	338,168	7	304,085	6
1410	Prepayments		28,722	1	33,561	1	28,111	1
1470	Other current assets	8	32,947	1	33,314	1	31,071	1
11XX	Total current Assets		<u>1,024,654</u>	<u>24</u>	<u>1,094,020</u>	<u>24</u>	<u>1,382,325</u>	<u>29</u>
Non-current assets								
1517	Non-current financial assets at fair value through other comprehensive income	6(4)	1,385	-	1,397	-	-	-
1550	Investments accounted for using equity method	6(5) and 8	2,257,581	53	2,446,614	54	2,439,943	52
1600	Property, plant and equipment	6(6) and 8	725,700	17	695,667	15	633,606	14
1755	Right-of-use assets	6(7)	21,968	1	24,448	1	2,353	-
1780	Intangible assets	6(8)	55,818	1	56,678	1	97,648	2
1840	Deferred income tax assets		126,770	3	127,852	3	109,922	2
1990	Other non-current assets	6(10) and 8	55,330	1	70,238	2	49,126	1
15XX	Total non-current assets		<u>3,244,552</u>	<u>76</u>	<u>3,422,894</u>	<u>76</u>	<u>3,332,598</u>	<u>71</u>
1XXX	Total assets		<u>\$ 4,269,206</u>	<u>100</u>	<u>\$ 4,516,914</u>	<u>100</u>	<u>\$ 4,714,923</u>	<u>100</u>

(Continued)

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
MARCH 31, 2023, DECEMBER 31, 2022 AND MARCH 31, 2022
(EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS)
(THE BALANCE SHEETS OF MARCH 30, 2023 AND 2022 ARE REVIEWED, NOT AUDITED)

Liabilities and Equity	Notes	March 31, 2023		December 31, 2022		March 31, 2022		
		AMOUNT	%	AMOUNT	%	AMOUNT	%	
Current liabilities								
2100	Short-term borrowings	6(11)	\$ 20,000	1	\$ 20,000	1	\$ 20,000	1
2130	Current contract liabilities	6(20)	13,404	-	12,516	-	19,335	-
2170	Accounts payable		43,814	1	7,810	-	25,104	1
2200	Other payables	6(12)	319,189	8	301,021	7	129,188	3
2220	Other payables - related parties	7	5,803	-	2,705	-	1,264	-
2230	Current income tax liabilities		220	-	220	-	68	-
2280	Current lease liabilities		8,351	-	8,273	-	1,905	-
2320	Long-term borrowings, current portion	6(13)	42,915	1	43,277	1	10,693	-
2399	Other current liabilities		12,730	-	9,758	-	835	-
21XX	Total current liabilities		<u>466,426</u>	<u>11</u>	<u>405,580</u>	<u>9</u>	<u>208,392</u>	<u>5</u>
Non-current liabilities								
2540	Long-term borrowings	6(13)	315,576	7	329,110	7	193,783	4
2570	Deferred income tax liabilities		64,982	2	65,537	2	61,200	1
2580	Non-current lease liabilities		13,499	-	15,965	-	-	-
25XX	Total non-current liabilities		<u>394,057</u>	<u>9</u>	<u>410,612</u>	<u>9</u>	<u>254,983</u>	<u>5</u>
2XXX	Total liabilities		<u>860,483</u>	<u>20</u>	<u>816,192</u>	<u>18</u>	<u>463,375</u>	<u>10</u>
Equity								
Share capital								
3110	Common stock	6(16)	1,113,107	26	1,108,251	24	1,108,826	23
Capital surplus								
3200	Capital surplus	6(17)	2,837,342	67	2,825,143	63	2,731,084	58
Retained earnings								
3320	Special reserve	6(18)	6,821	-	6,821	-	6,821	-
3350	Unappropriated retained earnings (Accumulated deficit)		(523,215)	(12)	(229,734)	(5)	538,658	11
Other equity interest								
3400	Other equity interest	6(19)	(25,332)	(1)	(9,759)	-	(133,841)	(2)
3XXX	Total equity		<u>3,408,723</u>	<u>80</u>	<u>3,700,722</u>	<u>82</u>	<u>4,251,548</u>	<u>90</u>
Significant contingent liabilities and unrecognized contract commitments								
3X2X	Total liabilities and equity		<u>\$ 4,269,206</u>	<u>100</u>	<u>\$ 4,516,914</u>	<u>100</u>	<u>\$ 4,714,923</u>	<u>100</u>

The accompanying notes are an integral part of these consolidated financial statements.

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
THREE MONTHS ENDED MARCH 31, 2023 AND 2022
((EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS, EXCEPT FOR LOSSES PER SHARE)
(REVIEWED, NOT AUDITED)

				Three months ended March 31			
				2023		2022	
Items	Notes	AMOUNT	%	AMOUNT	%		
4000	Operating revenue	6(20) and 7	\$ 270,481	100	\$ 297,485	100	
5000	Cost of operating revenue	6(3)(23)(24) and 7	(235,997)	(87)	(202,882)	(68)	
5900	Net operating margin		<u>34,484</u>	<u>13</u>	<u>94,603</u>	<u>32</u>	
	Operating expenses	6(23)(24)					
6100	Selling and marketing expenses		(13,092)	(5)	(8,340)	(3)	
6200	General and administrative expenses		(52,421)	(20)	(54,370)	(18)	
6300	Research and development expenses		(55,085)	(20)	(47,109)	(16)	
6450	Net impairment loss on financial assets	12(2)	(2,300)	(1)	(28)	-	
6000	Total operating expenses		<u>(122,898)</u>	<u>(46)</u>	<u>(109,847)</u>	<u>(37)</u>	
6900	Operating loss		<u>(88,414)</u>	<u>(33)</u>	<u>(15,244)</u>	<u>(5)</u>	
	Non-operating income and expenses						
7100	Interest income		978	-	667	-	
7010	Other income	6(13)	22	-	113	-	
7020	Other gains and losses	6(21)	(4,040)	(2)	(18,856)	(6)	
7050	Finance costs	6(22)	(3,840)	(1)	(1,834)	(1)	
7060	Share of net loss of associates and joint ventures accounted for using equity method	6(5)					
			<u>(198,187)</u>	<u>(73)</u>	<u>(138,052)</u>	<u>(46)</u>	
7000	Total non-operating income and expenses		<u>(205,067)</u>	<u>(76)</u>	<u>(157,962)</u>	<u>(53)</u>	
7900	Loss before income tax		(293,481)	(109)	(173,206)	(58)	
7950	Income tax benefit	6(25)	-	-	2,544	1	
8200	Net loss for the period		<u>(\$ 293,481)</u>	<u>(109)</u>	<u>(\$ 170,662)</u>	<u>(57)</u>	
	Other comprehensive loss (income)						
	Other comprehensive loss (income) components that will not be reclassified to profit or loss						
8361	Financial statements translation differences of foreign operations	6(19)	(\$ 31,844)	(12)	\$ 145,431	49	
	Components of other comprehensive income (loss) that will be reclassified to profit or loss						
8370	Share of other comprehensive income (loss) of subsidiaries, associates and joint ventures accounted for using the equity method- financial statements translation differences of foreign operations	6(19)	<u>31,240</u>	<u>12</u>	<u>(8,501)</u>	<u>(3)</u>	
8300	Total other comprehensive (loss) income, net		<u>(\$ 604)</u>	<u>-</u>	<u>\$ 136,930</u>	<u>46</u>	
8500	Total comprehensive loss for the period		<u>(\$ 294,085)</u>	<u>(109)</u>	<u>(\$ 33,732)</u>	<u>(11)</u>	
	Loss attributable to:						
8610	Owners of the parent		<u>(\$ 293,481)</u>	<u>(109)</u>	<u>(\$ 170,662)</u>	<u>(57)</u>	
	Total comprehensive loss attributable to:						
8710	Owners of the parent		<u>(\$ 294,085)</u>	<u>(109)</u>	<u>(\$ 33,732)</u>	<u>(11)</u>	
	Losses per share	6(26)					
9750	Basic losses per share (in dollars)		<u>(\$ 2.66)</u>		<u>(\$ 1.55)</u>		
9850	Diluted losses per share (in dollars)		<u>(\$ 2.66)</u>		<u>(\$ 1.55)</u>		

The accompanying notes are an integral part of these consolidated financial statements.

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY
THREE MONTHS ENDED MARCH 31, 2023 AND 2022
 (EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS)
 (REVIEWED, NOT AUDITED)

	Equity Attributable To Owners Of The Parent								
	Notes	Retained Earnings			Other Equity Interest			Treasury Stocks	Total
		Common Stock	Capital Surplus	Special Reserve	Unappropriated Retained Earnings	Financial Statements Translation Differences Of Foreign Operations	Unearned Compensation Costs		
<u>Three-month period ended March 31, 2022</u>									
Balance at January 1, 2022		\$ 1,106,761	\$ 2,937,329	\$ 6,821	\$ 715,327	(\$ 248,611)	(\$ 5,432)	(\$ 12,955)	\$ 4,499,240
Consolidated net loss for the period		-	-	-	(170,662)	-	-	-	(170,662)
Other comprehensive income for the period	6(19)	-	-	-	-	136,930	-	-	136,930
Total comprehensive (loss) income for the period		-	-	-	(170,662)	136,930	-	-	(33,732)
Compensation costs of share-based payment	6(15)(17)(19)	-	5,997	-	-	-	1,933	-	7,930
Issuance of restricted stocks to employees	6(15)(16)(17)(19)	4,450	16,039	-	-	-	(20,489)	-	-
Retirement of restricted stocks to employees	6(15)(16)(17)(19)	(385)	(1,443)	-	-	-	1,828	-	-
Exercise of employee stock options	6(15)(16)(17)	500	1,067	-	-	-	-	-	1,567
Retirement of treasury stocks	6(16)(17)	(2,500)	(4,448)	-	(6,007)	-	-	12,955	-
Recognized changes in equity of associates	6(17)	-	(223,457)	-	-	-	-	-	(223,457)
Balance at March 31, 2022		\$ 1,108,826	\$ 2,731,084	\$ 6,821	\$ 538,658	(\$ 111,681)	(\$ 22,160)	\$ -	\$ 4,251,548
<u>Three-month period ended March 31, 2023</u>									
Balance at January 1, 2022		\$ 1,108,251	\$ 2,825,143	\$ 6,821	(\$ 229,734)	(\$ 2,438)	(\$ 7,321)	\$ -	\$ 3,700,722
Consolidated net loss for 2022		-	-	-	(293,481)	-	-	-	(293,481)
Other comprehensive loss for the period	6(19)	-	-	-	-	(604)	-	-	(604)
Total comprehensive loss for the period		-	-	-	(293,481)	(604)	-	-	(294,085)
Compensation costs of share-based payment	6(15)(17)(19)	-	884	-	-	-	3,708	-	4,592
Issuance of restricted stocks to employees	6(15)(16)(17)(19)	4,830	13,847	-	-	-	(18,677)	-	-
Exercise of employee stock options	6(15)(16)(17)	26	3	-	-	-	-	-	29
Retirement of employee stock options	6(15)(17)	-	(2,535)	-	-	-	-	-	(2,535)
Balance at March 31, 2023		\$ 1,113,107	\$ 2,837,342	\$ 6,821	(\$ 523,215)	(\$ 3,042)	(\$ 22,290)	\$ -	\$ 3,408,723

The accompanying notes are an integral part of these consolidated financial statements.

GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
THREE MONTHS ENDED MARCH 31, 2023 AND 2022
(EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS)
(REVIEWED, NOT AUDITED)

	Notes	Three months ended March 31,	
		2023	2022
<u>CASH FLOWS FROM OPERATING ACTIVITIES</u>			
Loss before tax		(\$ 293,481)	(\$ 173,206)
Adjustments			
Adjustments to reconcile profit (loss)			
Net impairment loss on financial assets	12(2)	2,300	28
Depreciation	6(6)(7)(23)	33,066	27,494
Amortization	6(8)(23)	1,838	1,563
Interest expense	6(22)	3,840	1,834
Interest income		(978)	(667)
Compensation cost of share-based payment	6(15)	2,057	7,930
Share of net loss of associate and joint ventures accounted for using equity method	6(5)	198,187	138,052
Changes in operating assets and liabilities			
Changes in operating assets			
Accounts receivable		(12,310)	(34,985)
Accounts receivable- related party		(4,831)	(3,890)
Other receivables		(98)	(2,768)
Other receivables- related parties		302	417
Inventories		(30,414)	(13,768)
Prepayments		4,596	3,382
Changes in operating liabilities			
Contract liabilities		991	(3,093)
Accounts payable		35,999	20,178
Other payables		(6,204)	21,035
Other payables- related parties		3,268	1,264
Other current liabilities		3,047	(177)
Cash outflow generated from operations		(58,825)	(9,377)
Interest received		978	2,737
Interest paid		(3,840)	(1,834)
Net cash flows used in operating activities		(61,687)	(8,474)

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GCS HOLDINGS, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
THREE MONTHS ENDED MARCH 31, 2023 AND 2022
(EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS)
(REVIEWED, NOT AUDITED)

	Notes	<u>Three months ended March 31,</u>	
		<u>2023</u>	<u>2022</u>
<u>CASH FLOWS FROM INVESTING ACTIVITIES</u>			
Acquisition of investments accounted for using the equity method	6(5)(27) and 7	\$ -	(\$ 1,043,899)
Acquisition of property, plant and equipment	6(27)	(25,274)	(60,038)
Proceeds from disposal of property, plant and equipment	6(27)	-	15,689
Acquisition of intangible assets	6(8)	(1,459)	(1,606)
decrease in refundable deposits		160	-
Increase in other current assets		(73)	(85)
Decrease (increase) in other non-current assets		<u>300</u>	<u>(3,650)</u>
Net cash flows used in investing activities		<u>(26,346)</u>	<u>(1,093,589)</u>
<u>CASH FLOWS FROM FINANCING ACTIVITIES</u>			
Proceeds from short-term borrowing	6(28)	20,000	-
Repayments of short-term borrowing	6(28)	(20,000)	-
Repayments of long-term borrowings	6(28)	(10,722)	(1,289)
Repayments of lease liabilities	6(28)	(2,179)	(1,569)
Proceeds from exercise of employee stock options		<u>29</u>	<u>1,567</u>
Net cash flows used in financing activities		<u>(12,872)</u>	<u>(1,291)</u>
Effect of changes in exchange rates		<u>(3,641)</u>	<u>41,974</u>
Net decrease in cash and cash equivalents		(104,546)	(1,061,380)
Cash and cash equivalents at beginning of period	6(1)	<u>442,196</u>	<u>1,839,765</u>
Cash and cash equivalents at end of period	6(1)	<u>\$ 337,650</u>	<u>\$ 778,385</u>

The accompanying notes are an integral part of these consolidated financial statements.

GCS HOLDINGS, INC. AND SUBSIDIARIES
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
THREE MONTHS ENDED MARCH 31, 2023 AND 2022

(EXPRESSED IN THOUSANDS OF NEW TAIWAN DOLLARS, EXCEPT AS OTHERWISE
INDICATED)
(REVIEWED, NOT AUDITED)

1. HISTORY AND ORGANIZATION

GCS Holdings Inc. (the “Company”) was incorporated in the Cayman Islands on November 30, 2010, as a holding company for the purpose of registering its shares with the Taipei Exchange. The Company was approved by the Financial Supervisory Commission to be listed on the Taipei Exchange. The Company's common shares have been traded on the Taipei Exchange since September 15, 2014.

The Company and subsidiaries (collectively referred herein as the “Group”) are engaged in the manufacturing of compound semiconductor wafers and foundry related services as well as licensing of intellectual property. The Group is also engaged in the research, development, manufacture and sales of advanced optoelectronics technology products.

2. THE DATE OF AUTHORIZATION FOR ISSUANCE OF THE CONSOLIDATED FINANCIAL STATEMENTS AND PROCEDURES FOR AUTHORIZATION

These consolidated financial statements were authorized for issuance by the Board of Directors on May 2, 2023.

3. APPLICATION OF NEW STANDARDS, AMENDMENTS AND INTERPRETATIONS

(1) Effect of the adoption of new issuances of or amendments to International Financial Reporting Standards (“IFRSs”) that came into effect as endorsed by the Financial Supervisory Commission (“FSC”)

New standards, interpretations and amendments endorsed by the FSC effective from 2023 are as follows:

New Standards, Interpretations and Amendments	Effective date by International Accounting Standard Board (“IASB”)
Amendments to IAS 1, ‘Disclosure of accounting policies’	January 1, 2023
Amendments to IAS 8, ‘Definition of accounting estimates’	January 1, 2023
Amendments to IAS 12, ‘Deferred tax related to assets and liabilities arising from a single transaction’	January 1, 2023

The above standards and interpretations have no significant impact to the Group’s financial condition and financial performance based on the Group’s assessment.

(2) Effect of new issuances of or amendments to IFRSs as endorsed by the FSC that has not yet adopted the Group

None.

(3) IFRSs issued by IASB but not yet endorsed by the FSC

New standards, interpretations and amendments issued by IASB but not yet included in the IFRSs as endorsed by the FSC are as follows:

New Standards, Interpretations and Amendments	Effective date by IASB
Amendments to IFRS 10 and IAS 28, 'Sale or contribution of assets between an investor and its associate or joint venture'	To be determined by IASB
Amendments to IFRS 16, 'Lease liability in a sale and leaseback'	January 1, 2024
IFRS 17, 'Insurance contracts'	January 1, 2023
Amendments to IFRS 17, 'Insurance contracts'	January 1, 2023
Amendment to IFRS 17, 'Initial application of IFRS 17 and IFRS 9 – comparative information'	January 1, 2023
Amendments to IAS 1, 'Classification of liabilities as current or non-current'	January 1, 2024
Amendments to IAS 1, 'Non-current liabilities with covenants'	January 1, 2024

The above standards and interpretations have no significant impact to the Group's financial condition and financial performance based on the Group's assessment.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The principal accounting policies adopted are consistent with Note 4 in the consolidated financial statement for the year ended December 31, 2022 except for the compliance statement, basis of preparations basis of consolidation and additional policies as set out below. These policies have been consistently applied to all the periods presented, unless otherwise stated.

(1) Compliance statement

The consolidated financial statements of the Group have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Securities Issuers and the International Accounting Standard 34, 'Interim financial reporting' that came into effect as endorsed by the FSC.

(2) Basis of preparation

- A. Except for the 'Financial assets at fair value through other comprehensive income', the consolidated financial statements have been prepared under the historical cost convention.
- B. The preparation of financial statements in conformity with IFRSs requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the Group's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the consolidated financial statements are disclosed in Note 5.

(3) Basis of consolidation

A. Basis for preparation of consolidated financial statements:

- (a) All subsidiaries are included in the Group's consolidated financial statements. Subsidiaries are all entities controlled by the Group. The Group controls an entity when the Group is exposed, or has rights, to variable returns from its involvement with the entity and can affect those returns through its power over the entity. Consolidation of subsidiaries begins from the date the Group obtains control of the subsidiaries and ceases when the Group loses control of the subsidiaries.
- (b) Inter-company transactions, balances and unrealized gains or losses on transactions between companies within the Group are eliminated. Accounting policies of subsidiaries have been adjusted where necessary to ensure consistency with the policies adopted by the Group.
- (c) Profit or loss and each component of other comprehensive income are attributed to the owners of the parent and to the non-controlling interests. Total comprehensive loss is attributed to the owners of the parent and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

B. Subsidiaries included in the consolidated financial statements:

Name of investor	Name of subsidiary	Main business activities	Ownership (%)			Note
			March 31, 2023	December 31, 2022	March 31, 2022	
The Company	Global Communication Semiconductors, LLC	1. Manufacturing of compound semiconductor wafers and foundry related services as well as granting royalty rights for intellectual property 2. Manufacturing and selling of advanced optoelectronics technology products	100	100	100	-
The Company	GCS Device Technologies, Co., Ltd.	Product design and research development services	100	100	100	-
The Company	GCOM Semiconductor Co., Ltd.	Wholesaling and retailing of electronic components, product design, and outsourcing management services	100	100	100	-
Global Communication Semiconductors, LLC	D-Tech Optoelectronics, Inc.	Developing, manufacturing and selling of photodiodes and avalanche photodiodes for telecommunication systems and data communication networks	100	100	100	-
D-Tech Optoelectronics, Inc.	D-Tech Optoelectronics (Taiwan) Corporation	Manufacturing, retailing and wholesaling of telecommunications devices, and manufacturing and wholesaling of	100	100	100	-

C. Subsidiaries not included in the consolidated financial statements: None.

D. Adjustments for subsidiaries with different balance sheet dates: None.

E. Significant restrictions: None.

F. Subsidiaries that have non-controlling interests that are material to the Group: None.

(4) Income tax

The interim period income tax expense is recognized based on the estimated average annual effective income tax rate expected for the full financial year applied to the pretax income of the interim period, and the related information is disclosed accordingly.

5. CRITICAL ACCOUNTING JUDGEMENTS, ESTIMATES AND KEY SOURCES OF ASSUMPTION UNCERTAINTY

There have been no significant changes during the period. Please refer to Note 5 in the consolidated financial statements for the year ended December 31, 2022.

6. DETAILS OF SIGNIFICANT ACCOUNTS

(1) Cash and cash equivalents

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Cash on hand	\$ 114	\$ 114	\$ 118
deposits	316,288	413,762	751,667
Time deposits	<u>21,248</u>	<u>28,320</u>	<u>26,600</u>
	<u>\$ 337,650</u>	<u>\$ 442,196</u>	<u>\$ 778,385</u>

A. The Group transacts with a variety of financial institutions with high credit quality to disperse credit risk and expects that the probability of counterparty default is remote.

B. The Group has no cash and cash equivalents pledged to others.

(2) Accounts receivable

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Accounts receivable	\$ 239,034	\$ 228,635	\$ 198,233
Accounts receivable-related party	7,773	2,958	6,747
Less: Loss allowance	(31,177)	(29,119)	(1,226)
	<u>\$ 215,630</u>	<u>\$ 202,474</u>	<u>\$ 203,754</u>

A. As of March 31, 2023, December 31, 2022 and March 31, 2022, accounts receivable were all from contracts with customers. And as of January 1, 2022, the balance of receivables from contracts with customers was \$158,786.

B. Information relating to credit risk of accounts receivable is provided in Note 12(2).

(3) Inventories

	<u>March 31, 2023</u>		
	<u>Cost</u>	<u>Allowance</u>	<u>Book value</u>
Raw materials	\$ 150,380	(\$ 20,714)	\$ 129,666
Work in progress	281,645	(62,405)	219,240
Finished goods	<u>30,817</u>	<u>(13,944)</u>	<u>16,873</u>
	<u>\$ 462,842</u>	<u>(\$ 97,063)</u>	<u>\$ 365,779</u>

	December 31, 2022		
	Cost	Allowance	Book value
Raw materials	\$ 141,531	(\$ 21,590)	\$ 119,941
Work in progress	246,890	(54,654)	192,236
Finished goods	40,127	(14,136)	25,991
	<u>\$ 428,548</u>	<u>(\$ 90,380)</u>	<u>\$ 338,168</u>

	March 31, 2022		
	Cost	Allowance	Book value
Raw materials	\$ 113,782	(\$ 16,225)	\$ 97,557
Work in progress	238,182	(57,203)	180,979
Finished goods	32,392	(6,843)	25,549
	<u>\$ 384,356</u>	<u>(\$ 80,271)</u>	<u>\$ 304,085</u>

Expenses and costs incurred as cost of operating revenue for the three-month periods ended March 31, 2023 and 2022 were as follows:

	Three-months periods ended March 31,	
	2023	2022
Cost of goods sold	\$ 232,929	\$ 227,951
Loss (gain) on (reversal of) decline in market price	7,434	(14,917)
Revenue from sale of scraps	(4,366)	(10,152)
	<u>\$ 235,997</u>	<u>\$ 202,882</u>

The Group recognized gain on reversal of market price decline for the three-month period ended March 31, 2022 because some of the inventories previously written down were sold.

(4) Financial assets at fair value through other comprehensive income

Items	March 31, 2023	December 31, 2022	March 31, 2022
Non-current items:			
Equity instruments			
Unlisted, OTC, Emerging stocks	\$ 1,385	\$ 1,397	\$ -
Valuation adjustment	-	-	-
	<u>\$ 1,385</u>	<u>\$ 1,397</u>	<u>\$ -</u>

A. The Group has elected to classify investments that are considered to be strategic investments as financial assets at fair value through other comprehensive income. The fair value of such investments amounted to \$1,385, \$1,397 and \$0 as at March 31, 2023, December 31, 2022 and March 31, 2022.

B. Information relating to credit risk of financial assets at fair value through other comprehensive income is provided in Note 12(2).

(5) Investments accounted for using the equity method

A. The Group's movements and details of investments accounted for using the equity method are as follows:

	<u>2023</u>	<u>2022</u>
At January 1	\$ 2,446,614	\$ 1,690,553
Addition of investments accounted for using the equity method	-	1,043,899
Share of net loss of investments accounted for using the equity method	(198,187)	(138,052)
Changes in capital surplus	-	(223,457)
Net exchange difference	9,154	67,000
At March 31	<u>\$ 2,257,581</u>	<u>\$ 2,439,943</u>

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Associate:			
Unikorn Semiconductor Corporation (“Unikorn”)	\$ 543,343	\$ 662,368	\$ 677,842
Joint ventures:			
Changzhou Chemsemi Co., Ltd. (“Chemsemi”)	1,599,477	1,663,486	1,654,099
Shanghai Galasemi Co., Ltd. (“Shanghai Galasemi”)	114,761	120,760	108,002
	<u>\$ 2,257,581</u>	<u>\$ 2,446,614</u>	<u>\$ 2,439,943</u>

B. The basic information of the associate and joint ventures that is material to the Group is as follows:

Company name	Principal place of business	Shareholding ratio			Nature of relationship	Methods of measurement
		March 31, 2023	December 31, 2022	March 31, 2022		
Unikorn	Taiwan	42.06%	42.06%	46.40%	Associate	Equity method
Chemsemi	China	24.21%	24.21%	22.14%	Joint venture	Equity method
Shanghai Galasemi	China	48.00%	48.00%	48.00%	Joint venture	Equity method

C. The summarized financial information of the associate and joint ventures that is material to the Group is as follows:

Balance sheet

	Unikorn		
	March 31, 2023	December 31, 2022	March 31, 2022
Current assets	\$ 1,055,264	\$ 1,581,958	\$ 1,390,447
Non-current assets	1,224,226	1,320,778	1,250,295
Current liabilities	(1,156,366)	(1,283,976)	(1,062,477)
Non-current liabilities	(289,842)	(506,162)	(512,335)
Total net assets	\$ 833,282	\$ 1,112,598	\$ 1,065,930

	Chemsemi		
	March 31, 2023	December 31, 2022	March 31, 2022
Current assets	\$ 2,411,089	\$ 3,107,926	\$ 4,601,002
Non-current assets	7,927,399	6,837,171	3,953,217
Current liabilities	(1,108,117)	(1,076,537)	(402,858)
Non-current liabilities	(2,623,692)	(1,997,491)	(680,273)
Total net assets	\$ 6,606,679	\$ 6,871,069	\$ 7,471,088

	Shanghai Galasemi		
	March 31, 2023	December 31, 2022	March 31, 2022
Current assets	\$ 205,393	\$ 219,531	\$ 128,233
Non-current assets	166,747	165,534	120,739
Current liabilities	(51,680)	(49,647)	846
Non-current liabilities	(62,143)	(61,773)	-
Total net assets	\$ 258,317	\$ 273,645	\$ 249,818

Statement of comprehensive income

	Unikorn	
	Three-month periods ended March 31,	
	2023	2022
Net loss	\$ 279,372	\$ 215,235
Total comprehensive loss	(\$ 279,372)	(\$ 215,359)

	Chemsemi	
	Three-month periods ended March 31,	
	2023	2022
Net loss/ total comprehensive loss	\$ 320,762	\$ 149,080

	Shanghai Galasemi	
	Three-month periods ended March 31,	
	2023	2022
Net loss/ total comprehensive loss	(\$ 18,150)	(\$ 16,283)

- D. In March and December 2022, the Group participated in Unikorn’s increase of common stocks for cash amounting to \$600,000 thousand (USD 21,375 thousand) and \$100,000 thousand (USD 3,256 thousand), respectively. Through the completion of participation in Unikorn’s issuance of common stocks, the Group holds 42.06% of Unikorn’s common stocks issued.
- E. In February and October 2022, the Group participated in Chemsemi’s increase of common stocks for cash amounting to USD 15,837 thousand (\$443,899 thousand) and USD 7,885 thousand (\$251,191 thousand). In addition, the Group acquired the equity of Chemsemi from other shareholder at RMB 43,356 thousand (\$191,137 thousand) in November 2022, and gave part of the shares of Chemsemi held by the Group to other shareholder as guarantee for the payment of the transfer of equity. As of March 31, 2023 and December 31, 2022, the Group has not yet paid the transfer of equity of \$187,263 and \$191,137 (recognized as “Other payables”).
- F. Please refer to Note 8 for information on guarantees provided by investments accounted for using the equity method.

(6) Property, plant and equipment

	Land	Buildings	Machinery equipment	Computer and communication equipment	Research equipment	Office equipment	Leasehold improvements	Construction in progress and equipment to be inspected	Total
At January 1, 2023									
Cost	\$ 141,420	\$ 94,280	\$ 1,346,758	\$ 9,283	\$ 160,802	\$ 9,552	\$ 306,573	\$ 87,304	\$ 2,155,972
Accumulated depreciation and impairment	-	(19,978)	(1,071,889)	(8,340)	(85,412)	(9,249)	(265,437)	-	(1,460,305)
	<u>\$ 141,420</u>	<u>\$ 74,302</u>	<u>\$ 274,869</u>	<u>\$ 943</u>	<u>\$ 75,390</u>	<u>\$ 303</u>	<u>\$ 41,136</u>	<u>\$ 87,304</u>	<u>\$ 695,667</u>
<u>2023</u>									
Opening net book amount	\$ 141,420	\$ 74,302	\$ 274,869	\$ 943	\$ 75,390	\$ 303	\$ 41,136	\$ 87,304	\$ 695,667
Additions	-	-	4,701	-	-	-	-	61,949	66,650
Transfers	-	-	77,409	-	418	-	-	(77,827)	-
Depreciation charges	-	(666)	(23,168)	(112)	(4,392)	(47)	(2,413)	-	(30,798)
Net exchange differences	(1,198)	(631)	(2,211)	(8)	(645)	(2)	(353)	(771)	(5,819)
Closing net book amount	<u>\$ 140,222</u>	<u>\$ 73,005</u>	<u>\$ 331,600</u>	<u>\$ 823</u>	<u>\$ 70,771</u>	<u>\$ 254</u>	<u>\$ 38,370</u>	<u>\$ 70,655</u>	<u>\$ 725,700</u>
At March 31, 2023									
Cost	\$ 140,222	\$ 93,482	\$ 1,417,633	\$ 9,212	\$ 159,891	\$ 9,475	\$ 303,982	\$ 70,655	\$ 2,204,552
Accumulated depreciation and impairment	-	(20,477)	(1,086,033)	(8,389)	(89,120)	(9,221)	(265,612)	-	(1,478,852)
	<u>\$ 140,222</u>	<u>\$ 73,005</u>	<u>\$ 331,600</u>	<u>\$ 823</u>	<u>\$ 70,771</u>	<u>\$ 254</u>	<u>\$ 38,370</u>	<u>\$ 70,655</u>	<u>\$ 725,700</u>

	Land	Buildings	Machinery equipment	Computer and communication equipment	Research equipment	Office equipment	Leasehold improvements	in progress and equipment to be inspected	Total
At January 1, 2022									
Cost	\$ 127,466	\$ 84,978	\$ 1,212,720	\$ 9,304	\$ 99,828	\$ 9,459	\$ 269,208	\$ 36,343	\$ 1,849,306
Accumulated depreciation and impairment	-	(15,579)	(937,287)	(8,014)	(67,768)	(8,987)	(236,186)	-	(1,273,821)
	<u>\$ 127,466</u>	<u>\$ 69,399</u>	<u>\$ 275,433</u>	<u>\$ 1,290</u>	<u>\$ 32,060</u>	<u>\$ 472</u>	<u>\$ 33,022</u>	<u>\$ 36,343</u>	<u>\$ 575,485</u>
<u>2022</u>									
Opening net book amount	\$ 127,466	\$ 69,399	\$ 275,433	\$ 1,290	\$ 32,060	\$ 472	\$ 33,022	\$ 36,343	\$ 575,485
Additions	-	-	9,510	-	-	-	-	54,526	64,036
Transfers	-	-	4,362	-	-	-	-	(4,362)	-
Depreciation charges	-	(614)	(20,600)	(114)	(3,014)	(62)	(1,710)	-	(26,114)
Net exchange differences	4,375	2,367	8,921	41	990	16	1,095	2,394	20,199
Closing net book amount	<u>\$ 131,841</u>	<u>\$ 71,152</u>	<u>\$ 277,626</u>	<u>\$ 1,217</u>	<u>\$ 30,036</u>	<u>\$ 426</u>	<u>\$ 32,407</u>	<u>\$ 88,901</u>	<u>\$ 633,606</u>
At March 31, 2022									
Cost	\$ 131,841	\$ 87,894	\$ 1,266,636	\$ 8,848	\$ 102,906	\$ 9,745	\$ 278,257	\$ 88,901	\$ 1,975,028
Accumulated depreciation and impairment	-	(16,742)	(989,010)	(7,631)	(72,870)	(9,319)	(245,850)	-	(1,341,422)
	<u>\$ 131,841</u>	<u>\$ 71,152</u>	<u>\$ 277,626</u>	<u>\$ 1,217</u>	<u>\$ 30,036</u>	<u>\$ 426</u>	<u>\$ 32,407</u>	<u>\$ 88,901</u>	<u>\$ 633,606</u>

A. Amount of borrowing costs capitalized as part of property, plant and equipment for the three-month periods ended March 31, 2023 and 2022: None.

B. Information about the property, plant and equipment that were pledged to others as collateral is provided in Note 8.

(7) Leasing arrangements – lessee

A. The Group leases various assets including plant and office premises. Lease agreements are typically made for periods of 1 to 4 years. Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. The lease agreements do not impose covenants. Short-term leases with a lease term of 12 months or less comprise of office premises and parking spaces. Low-value assets comprise of office equipment.

B. The carrying amount of right-of-use assets and the depreciation charges are as follows:

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
	<u>Carrying amount</u>	<u>Carrying amount</u>	<u>Carrying amount</u>
Buildings	\$ 21,968	\$ 24,448	\$ 2,353

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
	<u>Depreciation charge</u>	<u>Depreciation charge</u>
Buildings	\$ 2,268	\$ 1,380

C. The information on income and expense accounts relating to lease agreements is as follows:

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
<u>Items affecting profit or loss</u>		
Interest expense on lease liabilities	\$ 204	\$ 48
Expense on short-term lease agreements	625	742
Expense on leases of low-value assets	16	13

D. For the three-month periods ended March 31, 2023 and 2022, the Group's total cash outflow for leases amounted to \$3,024 and \$2,372, respectively.

(8) Intangible assets

	<u>Computer Software</u>	<u>Goodwill</u>	<u>Total</u>
<u>At January 1, 2023</u>			
Cost	\$ 74,953	\$ 178,428	\$ 253,381
Accumulated amortization and impairment	(65,812)	(130,891)	(196,703)
	<u>\$ 9,141</u>	<u>\$ 47,537</u>	<u>\$ 56,678</u>
<u>2023</u>			
At January 1	\$ 9,141	\$ 47,537	\$ 56,678
Addition	1,459	-	1,459
Amortization charges	(1,838)	-	(1,838)
Net exchange differences	(79)	(402)	(481)
At March 31	<u>\$ 8,683</u>	<u>\$ 47,135</u>	<u>\$ 55,818</u>
<u>At March 31, 2023</u>			
Cost	\$ 74,980	\$ 176,918	\$ 251,898
Accumulated amortization and impairment	(66,297)	(129,783)	(196,080)
	<u>\$ 8,683</u>	<u>\$ 47,135</u>	<u>\$ 55,818</u>
	<u>Computer Software</u>	<u>Goodwill</u>	<u>Total</u>
<u>At January 1, 2022</u>			
Cost	\$ 66,520	\$ 160,824	\$ 227,344
Accumulated amortization and impairment	(53,842)	(79,136)	(132,978)
	<u>\$ 12,678</u>	<u>\$ 81,688</u>	<u>\$ 94,366</u>
<u>2022</u>			
At January 1	\$ 12,678	\$ 81,688	\$ 94,366
Addition	1,606	-	1,606
Amortization charges	(1,563)	-	(1,563)
Net exchange differences	435	2,804	3,239
At March 31	<u>\$ 13,156</u>	<u>\$ 84,492</u>	<u>\$ 97,648</u>
<u>At March 31, 2022</u>			
Cost	\$ 69,652	\$ 166,343	\$ 235,995
Accumulated amortization and impairment	(56,496)	(81,851)	(138,347)
	<u>\$ 13,156</u>	<u>\$ 84,492</u>	<u>\$ 97,648</u>

A. Details of amortization on intangible assets are as follows:

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
Cost of operating revenue	<u>\$ 1,838</u>	<u>\$ 1,563</u>

B. Please refer to Note 6(9) for the information about the goodwill impairment assessment.

(9) Impairment of non-financial assets

As of March 31, 2023, the Group's assumptions used for impairment testing did not change significantly. Please refer to Note 6(9) in the consolidated financial statements for the year ended December 31, 2022.

(10) Non-current assets

<u>Item</u>	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Prepayments for equipment	\$ 52,968	\$ 67,556	\$ 46,599
Refundable deposits (Note 1)	2,362	2,382	2,227
Time deposits (Note 2)	-	300	300
	<u>\$ 55,330</u>	<u>\$ 70,238</u>	<u>\$ 49,126</u>

Note 1: Please refer to Note 8 for the information of the contracts secured by refundable deposits.

Note 2: Please refer to Note 8 for the information of the Group's pledged assets.

(11) Short-term borrowings

<u>Type of borrowings</u>	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>	<u>Collateral</u>
Bank borrowings				
Secured borrowings	<u>\$ 20,000</u>	<u>\$ 20,000</u>	<u>\$ 20,000</u>	Time deposit (Note)
Interest rate range	<u>2.40%</u>	<u>2.10%</u>	<u>1.53%</u>	

Note: Please refer to Note 8 for the information of the Group's assets pledged to secured borrowings.

(12) Other payables

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Payable for investment(Note)	\$ 187,263	\$ 191,137	\$ -
Accrued salaries and bonuses	23,378	46,092	45,364
Accrued unused compensated absences	31,076	29,839	25,531
Payables for equipment	32,563	5,775	16,067
Accrued maintenance expenses	4,265	1,982	6,759
Accrued utilities	3,442	2,944	6,450
Accrued professional service fee	2,758	412	4,404
Accrued outsourcing manufacturing services charges	1,457	1,886	6,594
Other accrued expenses	<u>32,987</u>	<u>20,954</u>	<u>18,019</u>
	<u>\$ 319,189</u>	<u>\$ 301,021</u>	<u>\$ 129,188</u>

Note : Please refer to Note 6(5) for information on relevant investment payables.

(13) Long-term borrowings

Type of borrowings	Borrowing period and repayment term	Interest rate	Collateral	March 31, 2023	December 31, 2022
Subsidiary- Global Communication Semiconductor, LLC Secured borrowings (Note 1)	(Note 2)	3.50%~4.50%	Land and buildings (Note 4)	\$ 205,878	\$ 209,338
Non-secured borrowings (Note 1)	(Note 3)	4.00%~5.00%	-	152,613	163,049
				358,491	372,387
Less: Current portion				(42,915)	(43,277)
				\$ 315,576	\$ 329,110

Type of borrowings	Borrowing period and repayment term	Interest rate	Collateral	March 31, 2022
Subsidiary- Global Communication Semiconductor, LLC Secured borrowings (Note 1)	(Note 2)	3.50%	Land and buildings (Note 4)	\$ 199,087
Subsidiary- D-Tech Optoelectronics, Inc. Non-secured borrowings	(Note 5)	1.00%		5,389
				204,476
Less: Current portion				(10,693)
				\$ 193,783

Note 1: According to the secured loan contract, the Group was required to comply with certain financial covenants by maintaining certain financial ratios, such as debt coverage ratio, on an annual basis. As of March 31, 2023, December 31, 2022 and March 31, 2022, the Group had not violated any of the required financial covenants.

Note 2: Borrowing period is from August 6, 2015 to August 6, 2022; interest and principal are repayable monthly. On July 12, 2021, the Company's subsidiary, Global Communication Semiconductor, LLC made amendments to the aforementioned long-term loan contract with the bank. The main amendments are that the borrowing amount is adjusted to USD 7,100 thousand with the maturity date on August 6, 2031, and the borrowing rate was adjusted to 3.50%. Additionally, starting from March 1, 2023, was due to the adjustment of base interest

rate, the borrowing rate was adjusted to 4.50% from 3.50%.

Note 3: From April 22, 2022 to December 31, 2026, with monthly interest and principal repayments.

Note 4: Please refer to Note 8 for the information of the Group's assets pledged for secured borrowings.

Note 5: It refers to Second Draw Paycheck Protection Program ("PPP") applied from banks with the loan period from February 2, 2021 to February 2, 2026. The PPP loan must be used for operating expenses, such as salary, rent and other expenses as specified in the loan agreement in order to apply for loan forgiveness within 10 months after the covered period. The Company's subsidiary, D-Tech Optoelectronics, Inc. had received the approval of the loan forgiveness from SBA on April 27, 2022 and \$5,408 was recognized as income from PPP (recognized as "Other income") in the 2022 Consolidated Financial Statements.

(14) Pension plan

- A. The Group's US subsidiary has established a 401(K) pension plan (the "Plan") covering substantially all employees. The Plan provides voluntary salary reduction contributions by eligible participants in accordance with Section 401(K) of the Internal Revenue Code (IRC), as well as discretionary matching contributions below 15% of employees' salaries from the Company's subsidiary to its employees' individual pension accounts.
- B. The Group's Taiwan subsidiaries have established a defined contribution pension plan (the "New Plan") under the Labor Pension Act (the "Act"), covering all regular employees with R.O.C. nationality. Under the New Plan, the Company's Taiwan subsidiaries contribute monthly an amount based on 6% of the employees' monthly salaries and wages to the employees' individual pension accounts at the Bureau of Labor Insurance. The benefits accrued are paid monthly or in lump sum upon termination of employment.
- C. The pension costs under the above pension plans of the Group for the years ended December 31, 2023 and 2022 amounted to \$4,467 and \$4,174, respectively.

(15) Share-based payment-employee compensation plan

A. Through March 31, 2023, December 31, 2022 and March 31, 2022, the Group's share-based payment transactions are set forth below:

Type of arrangement	Grant date	Quantity granted	Contract period	Vesting condition
Employee stock options	April 2013	1,538,000 shares	10 years	(Note 1)
Employee stock options	October 2013	538,000 shares	10 years	(Note 1)
Employee stock options	November 2014	75,000 shares	10 years	(Note 1)
Employee stock options	February 2015	652,200 shares	10 years	(Note 1)
Employee stock options	March 2016	5,000 shares	10 years	(Note 1)
Employee stock options	August 2016	895,000 shares	10 years	(Note 1)
Employee stock options	November 2016	34,000 shares	10 years	(Note 1)
Employee stock options	February 2017	15,000 shares	10 years	(Note 1)
Employee stock options	August 2017	215,000 shares	10 years	(Note 1)
Employee stock options	January 2018	13,000 shares	10 years	(Note 1)
Employee stock options	February 2018	355,000 shares	10 years	(Note 1)
Employee stock options	August 2018	27,000 shares	10 years	(Note 1)
Employee stock options	November 2018	5,000 shares	10 years	(Note 1)
Employee stock options	March 2019	578,000 shares	10 years	(Note 1)
Employee stock options	August 2019	40,000 shares	10 years	(Note 1)
Employee stock options	March 2020	250,000 shares	10 years	(Note 1)
Employee stock options	August 2020	3,000 shares	10 years	(Note 1)
Employee stock options	November 2020	6,000 shares	10 years	(Note 1)
Employee stock options	March 2021	820,000 shares	10 years	(Note 1)
Employee stock options	April 2021	20,000 shares	10 years	(Note 1)
Employee stock options	February 2022	454,000 shares	10 years	(Note 1)
Employee stock options	August 2022	23,000 shares	10 years	(Note 1)
Employee stock options	November 2022	36,000 shares	10 years	(Note 1)
Employee stock options	February 2023	40,000 shares	10 years	(Note 1)
Restricted stocks to employees (Note 3)	March 2020	518,000 shares	2 years	(Note 2)
Restricted stocks to employees (Note 3)	March 2021	427,000 shares	2 years	(Note 2)
Restricted stocks to employees (Note 3)	February 2022	445,000 shares	2 years	(Note 2)
Restricted stocks to employees (Note 3)	February 2023	483,000 shares	2 years	(Note 2)

Note 1: Some employee stock options shall be vested and become exercisable up to 50% of the shares after fulfilling two years of service, and in accordance with the agreement, the remaining 50% of such options will be vested ratably in equal installments as of the last day of each of the succeeding 24 months.

Note 2: Some restricted stocks to employees shall be vested up to 50% of the shares after one year of service, and the remaining 50% of such shares to be vested after fulfilling two years of service.

Note 3: The restricted stocks to employees are restricted from transferring within vesting period,

but are allowed for voting rights and rights to receive dividends. The Company will recover restricted stocks at no consideration and cancel registration if employees resign or die not due to occupational hazards. However, employees do not need to return dividends already received.

B. Details of the employee stock options are set forth below:

	Three-month period ended March 31, 2023		
	No. of options	Currency	Weighted average exercise price (in dollars)
Options outstanding at beginning of the period	3,454,120	NTD	\$ 53.52
Options granted	40,000	NTD	38.65
Options exercised	(2,667)	NTD	11.10
Options forfeited	(138,000)	NTD	52.10
Options outstanding at end of the period	<u>3,353,453</u>	NTD	53.43
Options exercisable at end of the period	<u>2,487,286</u>	NTD	56.06
	Three-month period ended March 31, 2022		
	No. of options	Currency	Weighted average exercise price (in dollars)
Options outstanding at beginning of the period	3,163,120	NTD	\$ 55.68
Options granted	454,000	NTD	45.90
Options exercised	(50,000)	NTD	31.20
Options forfeited	(73,000)	NTD	53.69
Options outstanding at end of the period	<u>3,494,120</u>	NTD	53.71
Options exercisable at end of the period	<u>2,084,308</u>	NTD	57.33

C. The weighted-average stock price of stock options at exercise dates for three-month periods ended March 31, 2023 and 2022 was \$37.82 (in dollars) and \$44.91 (in dollars), respectively.

D. As of December 31, 2022 and 2021, the range of exercise prices of stock options outstanding are as follows:

		March 31, 2023		
Grant date	Expiry date	No. of Shares	Currency	Stock options exercise price (in dollars)
April 2013	April 2023	138,167	NTD	\$ 11.10
October 2013	October 2023	7,917	NTD	17.30
February 2015	February 2025	223,369	NTD	39.30
August 2016	August 2026	601,000	NTD	62.70
November 2016	November 2026	8,000	NTD	61.40
February 2017	February 2027	15,000	NTD	54.50
August 2017	August 2027	200,000	NTD	63.40
January 2018	January 2028	8,000	NTD	82.70
February 2018	February 2028	315,000	NTD	79.70
August 2018	August 2028	11,000	NTD	61.00
March 2019	March 2029	485,000	NTD	58.20
August 2019	August 2029	25,000	NTD	56.80
March 2020	March 2030	180,000	NTD	43.80
August 2020	August 2030	3,000	NTD	52.50
November 2020	November 2030	6,000	NTD	47.00
March 2021	March 2031	624,000	NTD	48.70
February 2022	February 2032	404,000	NTD	45.90
August 2022	August 2032	23,000	NTD	39.85
November 2022	November 2032	36,000	NTD	35.05
February 2022	February 2033	40,000	NTD	38.65
		3,353,453		

		December 31, 2022		
Grant date	Expiry date	No. of Shares	Currency	Stock options exercise price (in dollars)
April 2013	April 2023	140,834	NTD	\$ 11.10
October 2013	October 2023	7,917	NTD	17.30
February 2015	February 2025	223,369	NTD	39.30
August 2016	August 2026	626,000	NTD	62.70
November 2016	November 2026	8,000	NTD	61.40
February 2017	February 2027	15,000	NTD	54.50
August 2017	August 2027	200,000	NTD	63.40
January 2018	January 2028	8,000	NTD	82.70
February 2018	February 2028	315,000	NTD	79.70
August 2018	August 2028	14,000	NTD	61.00
March 2019	March 2029	515,000	NTD	58.20
August 2019	August 2029	25,000	NTD	56.80
March 2020	March 2030	210,000	NTD	43.80
August 2020	August 2030	3,000	NTD	52.50
November 2020	November 2030	6,000	NTD	47.00
March 2021	March 2031	654,000	NTD	48.70
February 2022	February 2032	424,000	NTD	45.90
August 2022	August 2032	23,000	NTD	39.85
November 2022	November 2032	36,000	NTD	35.05
		<u>3,454,120</u>		

		March 31, 2022		
Grant date	Expiry date	No. of Shares	Currency	Stock options exercise price (in dollars)
April 2013	April 2023	140,834	NTD	\$ 11.10
October 2013	October 2023	7,917	NTD	17.30
February 2015	February 2025	223,369	NTD	39.30
August 2016	August 2026	634,000	NTD	62.70
November 2016	November 2026	18,000	NTD	61.40
February 2017	February 2027	15,000	NTD	54.50
August 2017	August 2027	200,000	NTD	63.40
January 2018	January 2028	8,000	NTD	82.70
February 2018	February 2028	315,000	NTD	79.70
August 2018	August 2028	14,000	NTD	61.00
March 2019	March 2029	518,000	NTD	58.20
August 2019	August 2029	25,000	NTD	56.80
March 2020	March 2030	210,000	NTD	43.80
August 2020	August 2030	3,000	NTD	52.50
November 2020	November 2030	6,000	NTD	47.00
March 2021	March 2031	702,000	NTD	48.70
February 2022	February 2032	454,000	NTD	45.90
		<u>3,494,120</u>		

E. Details of the restricted stocks to employees are set forth below:

Employee restricted stocks	2023	2022
	No. of shares	No. of shares
Outstanding at beginning of the period	575,000	587,500
Granted (Notes 1 and 2)	483,000	445,000
Vested	(366,500)	(375,000)
Retired (cancelled)	-	(10,000)
Retired (uncancelled)	(8,500)	(40,500)
Outstanding at end of the period	<u>683,000</u>	<u>607,000</u>

Note 1: For the restricted stocks granted with the compensation cost accounted for using the fair value method, the fair values on the grant date are calculated based on the closing price on the grant date.

Note 2: The fair value of restricted stocks granted in February 2023 and 2022 was \$38.65 (in dollars) and \$45.90 (in dollars), respectively.

F. For the stock options granted with the compensation cost accounted for using the fair value method, their fair value on the grant date is estimated using the Black-Scholes option-pricing model. The parameters used in the estimation of the fair value are as follows:

Type of arrangement	Grant date	Currency	Fair value (in dollars)	Exercise price (in dollars)	Expected price volatility	Expected option period (years)	Expected dividend yield rate	Risk-free interest rate	Weighted average fair value (in dollars)
Employee stock options	February 2022	NTD	46.41	45.90	17.87%	6.26	1.00%	0.95%	18.37
Employee stock options	August 2022	NTD	37.42	39.85	46.86%	6.26	1.00%	1.65%	18.99
Employee stock options	November 2022	NTD	37.80	35.05	24.25%	6.26	1.00%	1.28%	15.46
Employee stock options	February 2023	NTD	38.55	38.65	15.12%	6.26	1.00%	1.20%	11.63

G. Expenses incurred on share-based payment transactions are shown below:

	There-month periods ended March 31,	
	2023	2022
Equity-settled	\$ 2,057	\$ 7,930

(16) Common stock

A. As of March 31, 2023, the Company's paid-in capital was \$1,113,107, consisting of 111,310,734 shares with a par value of \$10 (in dollars) per share.

Movements in the number of the Company's ordinary shares outstanding are as follows:

	Unit: Numbers of shares	
	2023	2022
Outstanding ordinary shares at January 1	110,810,067	110,397,567
Exercise of employee stock options	2,667	50,000
Issuance of restricted stocks to employees	483,000	445,000
Retirement of restricted stocks to employees	-	(10,000)
Restricted stocks retrieved from employees and to be cancelled	(8,500)	(40,500)
Outstanding ordinary shares at March 31	111,287,234	110,842,067
Treasury stocks	-	-
Restricted stocks retrieved from employees	23,500	40,500
Issued ordinary shares at March 31	111,310,734	110,882,567

B. On June 5, 2019, the shareholders adopted a resolution to reserve 1,000,000 shares for the purpose of granting employee restricted stocks with par value of \$10 (in dollars) per shares, with the effective date filed with the regulator. The subscription price is \$0 (in dollar) per share. The employee restricted stocks issued are subject to certain transfer restrictions before their vesting conditions are met. Other than these restrictions, the rights and obligations of these shares issued are the same as other issued ordinary shares. On March 16, 2020, the Board of Directors resolved to grant 518,000 employee restricted stocks. As of March 31, 2023, the Company had retrieved 82,500 employee restricted stocks in total due to the employees' resignation, and the retrieved

shares have been retired.

- C. On June 5, 2020, the shareholders adopted a resolution to reserve 1,000,000 shares for the purpose of granting employee restricted stocks with par value of \$10 (in dollars) per shares, with the effective date filed with the regulator. The subscription price is \$0 (in dollar) per share. The employee restricted stocks issued are subject to certain transfer restrictions before their vesting conditions are met. Other than these restrictions, the rights and obligations of these shares issued are the same as other issued ordinary shares. On March 19, 2021, the Board of Directors resolved to grant 427,000 employee restricted stocks. As of March 31, 2023, the Company had retrieved 78,500 employee restricted stocks in total due to the employees' resignation, and 71,000 stocks have been retired. Additionally, the remaining 7,500 retrieved stocks as of May 2, 2023, have not been retired.
- D. On July 2, 2021, the shareholders adopted a resolution to reserve 1,000,000 shares for the purpose of granting employee restricted stocks with par value of \$10 (in dollars) per shares, with the effective date filed with the regulator. The subscription price is \$0 (in dollar) per share. The employee restricted stocks issued are subject to certain transfer restrictions before their vesting conditions are met. Other than these restrictions, the rights and obligations of these shares issued are the same as other issued ordinary shares. On February 23, 2022, the Board of Directors resolved to grant 445,000 employee restricted stocks. As of March 31, 2023 the Company had retrieved 43,000 employee restricted stocks in total due to the employees' resignation and 27,000 stocks have been retired. Additionally, the remaining 16,000 retrieved stocks as of May 2, 2023, have not been retired.
- E. On May 20, 2022, the shareholders adopted a resolution to reserve 1,000,000 shares for the purpose of granting employee restricted stocks with par value of \$10 (in dollars) per shares, with the effective date filed with the regulator. The subscription price is \$0 (in dollar) per share. The employee restricted stocks issued are subject to certain transfer restrictions before their vesting conditions are met. Other than these restrictions, the rights and obligations of these shares issued are the same as other issued ordinary shares. On February 20, 2023, the Board of Directors resolved to grant 483,000 employee restricted stocks.
- F. The Company's GDRs began trading on the Luxembourg Stock Exchange on January 21, 2019. The actual number of units of GDRs for this offering was 1,600,000 and each GDR represents five of the Company's ordinary shares, which in the aggregate representing 8,000,000 ordinary shares. As of March 31, 2023, there was no outstanding GDRs.

The terms of GDR are as follows:

(a) Voting rights

The voting right of GDR holders may, pursuant to the Depositary Agreement and the relevant laws and regulations of the R.O.C., exercise the voting rights pertaining to the underlying common shares represented by the GDRs.

(b) Dividends, stocks warrant and other rights

GDR holders and common shareholders are all entitled to receive dividends, stock warrants and other rights.

(17) Capital surplus

Capital surplus can be used to cover accumulated deficit or distributed as dividend as proposed by the Board of Directors and resolved by the shareholders.

	2023					
	Share premium	Employee stock options	Employee restricted stocks	Recognized changes in equity of associates	Others	Total
At January 1	\$ 1,982,312	\$ 77,389	\$ 26,476	\$ 696,464	\$42,502	\$ 2,825,143
Compensation costs of share-based payment	-	884	-	-	-	884
Issuance of restricted stocks	-	-	13,847	-	-	13,847
Exercise of employee stock	52	(49)	-	-	-	3
Restricted stocks to employees vested	15,291	-	(15,291)	-	-	-
Employee stock option forfeited	-	(4,310)	-	-	1,775	(2,535)
At March 31	<u>\$ 1,997,655</u>	<u>\$ 73,914</u>	<u>\$ 25,032</u>	<u>\$ 696,464</u>	<u>\$44,277</u>	<u>\$ 2,837,342</u>
	2022					
	Share premium	Employee stock options	Employee restricted stocks	Recognized changes in equity of associates	Others	Total
At January 1	\$ 1,969,083	\$ 68,963	\$ 28,133	\$ 833,545	\$37,605	\$ 2,937,329
Compensation costs of share-based payment	-	5,997	-	-	-	5,997
Issuance of restricted stocks	-	-	16,039	-	-	16,039
Retirement of restricted stocks to employees	-	-	(1,443)	-	-	(1,443)
Exercise of employee stock	3,492	(2,425)	-	-	-	1,067
Restricted stocks to employees vested	14,185	-	(14,185)	-	-	-
Employee stock option forfeited	-	(2,008)	-	-	2,008	-
Recognized changes in equity of associates	-	-	-	(223,457)	-	(223,457)
Treasury stock retired	(4,448)	-	-	-	-	(4,448)
At March 31	<u>\$ 1,982,312</u>	<u>\$ 70,527</u>	<u>\$ 28,544</u>	<u>\$ 610,088</u>	<u>\$39,613</u>	<u>\$ 2,731,084</u>

(18) Retained earnings

- A. Under the Company's Articles of Incorporation, the current year's earnings, if any, shall first be used to pay all taxes and offset losses incurred in previous years and then a special reserve as required by the applicable securities authority under the applicable public company rules in Taiwan. After combining accumulated undistributed earnings in the previous years and setting aside a certain amount of remaining profits of such financial year as a reserve or reserves for development purposes as the Board of Directors may from time to time deem appropriate, subject to the compliance with the Cayman Islands Companies Law, the Company shall distribute no less than 10% of the remaining profit as dividends to the shareholders. The stipulates distribution of earnings by way of cash dividends should be approved by the Company's Board of Directors and reported to the Company's shareholders in its meeting.
- B. The Company's dividend policy is as follows: As the Company operates in a capital intensive industry and in the stable growth stage, the residual dividend policy is adopted taking into consideration the Company's operation scale, cash flow demand and future expansion plans, and cash dividends shall account for at least 10% of the total dividends distributed.
- C. The Company's shareholders at the meeting on July 2, 2021 resolved not to distribute dividends from the appropriations of 2020 earnings.

Considering the Company's future operating development, the Company's shareholders at the meeting on May 20, 2022 resolved not to distribute dividends from the appropriations of 2021 earnings.

On February 20, 2023, after considering the Company's future operating development, the Board of Directors resolved to use Capital surplus of \$229,734 to compensate the deficits in 2022 deficit compensation proposal. This case is still subject to the resolution of the shareholders' meeting. Information about the appropriations of earnings resolved by the shareholders will be posted in the "Market Observation Post System" at the website of the Taiwan Stock Exchange.

(19) Other equity interest

	2023			
	Currency translation differences	Share of other comprehensive income (loss) of subsidiaries, associate and joint ventures accounted for using equity method, financial statements translation differences of foreign operations	Unearned employee compensation	Total
At January 1	\$ 127,150	(\$ 129,588)	(\$ 7,321)	(\$ 9,759)
Currency translation differences				
-Group	(31,844)	1,041	-	(30,803)
-Associates	-	30,199	-	30,199
Compensation costs of share-based payment	-	-	3,708	3,708
Issuance of restricted stocks to employees	-	-	(18,677)	(18,677)
At March 31	<u>\$ 95,306</u>	<u>(\$ 98,348)</u>	<u>(\$ 22,290)</u>	<u>(\$ 25,332)</u>
	2022			
	Currency translation differences	Share of other comprehensive income (loss) of subsidiaries, associate and joint ventures accounted for using equity method, financial statements translation differences of foreign operations	Unearned employee compensation	Total
At January 1	(\$ 328,568)	\$ 79,957	(\$ 5,432)	(\$ 254,043)
Currency translation differences				
-Group	145,431	(4,369)	-	141,062
-Associates	-	(4,132)	-	(4,132)
Compensation costs of share-based payment	-	-	1,933	1,933
Issuance of restricted stocks to employees	-	-	(20,489)	(20,489)
Retirement of restricted stocks to employees	-	-	1,828	1,828
At March 31	<u>(\$ 183,137)</u>	<u>\$ 71,456</u>	<u>(\$ 22,160)</u>	<u>(\$ 133,841)</u>

(20) Operating revenue

	Three-month periods ended March 31,	
	2023	2022
Revenue from contracts with customers	\$ 270,481	\$ 297,485

A. Disaggregation of revenue from contracts with customers

The Group derives revenue from the transfer of goods at a point in time in the following major product lines and geographical regions:

	Three-month period ended March 31, 2023		
	Sales revenue	Royalty revenue	Total
United States	\$ 138,057	\$ -	\$ 138,057
China	67,265	1,520	68,785
Taiwan	7,410	95	7,505
Others	56,134	-	56,134
	<u>\$ 268,866</u>	<u>\$ 1,615</u>	<u>\$ 270,481</u>

	Three-month period ended March 31, 2022		
	Sales revenue	Royalty revenue	Total
China	\$ 137,363	\$ -	\$ 137,363
United States	115,600	-	115,600
Taiwan	1,225	224	1,449
Others	43,073	-	43,073
	<u>\$ 297,261</u>	<u>\$ 224</u>	<u>\$ 297,485</u>

B. Contract liabilities

The Group has recognized the following revenue-related contract liabilities:

	March 31, 2023	December 31, 2022	March 31, 2022	January 1, 2022
Contract liabilities				
– advance sales receipts	<u>\$ 13,404</u>	<u>\$ 12,516</u>	<u>\$ 19,335</u>	<u>\$ 21,752</u>

Revenue recognized that was included in the contract liability balance at the beginning of the periods:

	Three-month periods ended March 31,	
	2023	2022
Contract liabilities – advance sales receipts	<u>\$ 4,867</u>	<u>\$ 9,127</u>

(21) Other gains and losses

	Three-month periods ended March 31,	
	2023	2022
Net currency exchange losses (gains)	\$ 454	(\$ 14,902)
Other losses	(4,494)	(3,954)
	<u>(\$ 4,040)</u>	<u>(\$ 18,856)</u>

(22) Finance costs

	Three-month periods ended March 31,	
	2023	2022
Interest expense	\$ 3,636	\$ 1,786
Leased liabilities - interest expense	204	48
	<u>\$ 3,840</u>	<u>\$ 1,834</u>

(23) Expenses by nature

	Three-month periods ended March 31,	
	2023	2022
Employee benefit expense	<u>\$ 165,607</u>	<u>\$ 156,918</u>
Depreciation charges on property, plant and equipment and right-of-use assets	<u>\$ 33,066</u>	<u>\$ 27,494</u>
Amortization charges on intangible assets	<u>\$ 1,838</u>	<u>\$ 1,563</u>

(24) Employee benefit expense

	Three-month periods ended March 31,	
	2023	2022
Wages and salaries	\$ 143,923	\$ 131,587
Compensation costs of share-based payment	2,057	7,930
Insurance expenses	15,064	12,967
Pension costs	4,467	4,174
Other personnel expenses	96	260
	<u>\$ 165,607</u>	<u>\$ 156,918</u>

- A. According to the Articles of Incorporation of the Company, when distributing earnings, an amount equal to the ratio of distributable profit of the current year, after covering accumulated losses, shall be distributed as employees' compensation and directors' remuneration. The ratio shall not be higher than 15% and lower than 5% for employees' compensation and shall not be higher than 2% for directors' remuneration.
- B. For the three-month periods ended March 31, 2023 and 2022, the Company did not accrue employees' compensation and directors' remuneration, due to net loss before tax.
- C. Information about employees' compensation and directors' remuneration of the Company as proposed by the Board of Directors and resolved by the shareholders will be posted in the "Market Observation Post System" at the website of the Taiwan Stock Exchange.

(25) Income tax

A. Income tax benefit

Components of income tax benefit

	Three-month periods ended March 31,	
	2023	2022
Current tax:		
Current tax on profit for the period	\$ -	\$ 345
Prior year income tax over estimation	-	-
Total current tax	-	345
Deferred tax:		
Origination and reversal of temporary differences	-	(2,889)
Total deferred tax	-	(2,889)
Income tax benefit	\$ -	(\$ 2,544)

B. Through March 31, 2023, the assessment of income tax returns of the Taiwan subsidiaries are as follows:

Name of subsidiary	Assessment of income tax returns
Global Device Technologies, Co., Ltd.	Assessed and approved up to 2021
D-Tech Optoelectronics (Taiwan) Corporation	Assessed and approved up to 2020
GCOM Semiconductor Co., Ltd.	Assessed and approved up to 2020

(26) Losses per share

Details of ordinary stocks, losses per share are as follows:

	Three-month period ended March 31,		
	Amount after tax	Weighted average outstanding stocks (in thousand of shares)	Losses per share (in dollars)
<u>Basic losses per share</u>			
Losses attributable to ordinary shareholders of the parent (Note)	(\$ 293,481)	\$ 110,276	(\$ 2.66)

	Three-month period ended March 31,		
	Amount after tax	Weighted average outstanding stocks (in thousand of shares)	Losses per share (in dollars)
<u>Basic losses per share</u>			
Losses attributable to ordinary shareholders of the parent (Note)	(\$ 170,662)	109,863	(\$ 1.55)

Note: The employees' compensation, employee stock options and employee restricted stocks have anti-dilutive effect for the three-month periods ended March 31, 2023 and 2022, as a result,

would not be considered while calculating the diluted EPS.

(27) Supplemental cash flow information

A. Investing activities with partial cash payments:

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
Acquisition of property, plant and equipment	\$ 66,650	\$ 64,036
Add: Ending balance of prepayments for equipment (Note 1)	52,968	46,599
Less: Beginning balance of prepayments for equipment (Note 1)	(67,556)	(41,431)
Less: Ending balance of payables for equipment	(32,563)	(16,067)
Add: Beginning balance of payables for equipment	5,775	6,901
Cash paid	<u>\$ 25,274</u>	<u>\$ 60,038</u>

Note 1 : Shown as “Other non-current assets”.

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
Acquisition of investment accounted for using the equity method	\$ -	\$ 1,043,899
Add: Opening balance of payable on equipment (Note 2)	191,137	-
Less: Ending balance of payable for investment (Note 2)	(187,263)	-
Less: Net exchange differences	(3,874)	-
Cash paid	<u>\$ -</u>	<u>\$ 1,043,899</u>

Note 2 : Shown as “Other payables”.

B. Investing activities with partial cash receivable:

	<u>Three-month periods ended March 31,</u>	
	<u>2023</u>	<u>2022</u>
Proceeds from disposal of property, plant and equipment	\$ -	\$ -
Add: Opening balance of receivables from disposal of equipment (Note)	5,682	15,689
Less: Ending balance of receivables from disposal of equipment (Note)	(5,634)	-
Less: Net exchange differences	(48)	-
Cash received	<u>\$ -</u>	<u>\$ 15,689</u>

Note : Shown as “Other receivable-related party”.

(28) Changes in liabilities from financing activities

	Short-term borrowings	Lease liabilities	Long-term borrowings (including current portion)	Liabilities from financing activities
At January 1, 2023	\$ 20,000	\$ 24,238	\$ 372,387	\$ 416,625
Changes in cash flow from financing activities	-	(2,179)	(10,722)	(12,901)
Interest expense	-	204	-	204
Interest paid	-	(204)	-	(204)
Net exchange differences	-	(209)	(3,174)	(3,383)
At March 31, 2023	<u>\$ 20,000</u>	<u>\$ 21,850</u>	<u>\$ 358,491</u>	<u>\$ 400,341</u>

	Short-term borrowings	Lease liabilities	Long-term borrowings (including current portion)	Liabilities from financing activities
At January 1, 2022	\$ 20,000	\$ 3,393	\$ 198,965	\$ 222,358
Changes in cash flow from financing activities	-	(1,569)	(1,289)	(2,858)
Interest expense	-	48	-	48
Interest paid	-	(48)	-	(48)
Net exchange differences	-	81	6,800	6,881
At March 31, 2022	<u>\$ 20,000</u>	<u>\$ 1,905</u>	<u>\$ 204,476</u>	<u>\$ 226,381</u>

7. RELATED PARTY TRANSACTIONS

(1) Names of related parties and relationship

<u>Names of related parties</u>	<u>Relationship with the Company</u>
Unikorn Semiconductor Corporation (“Unikorn”)	The investee company accounted for using the equity method by the Company
Changzhou Chemsemi Co., Ltd. (“Chemsemi”)	The investee company accounted for using the equity method by the Company
Shanghai Galasemi Co., Ltd. (“Shanghai Galasemi”)	The investee company accounted for using the equity method by the Company
Changzhou Galasemi Co., Ltd. (“Changzhou Galasemi”)	The subsidiary wholly owned by the investee company accounted for using the equity method by the Company

(2) Significant related party transactions and balances

A. Operating revenue:

	Three-month periods ended March 31,	
	2023	2022
Sales of goods:		
Changzhou Galasemi	\$ 4,277	\$ 6,596
Royalty revenue:		
Changzhou Galasemi	\$ 1,520	\$ -

B. Purchases:

	Three-month periods ended March 31,	
	2023	2022
Purchases of goods:		
Unikorn	\$ 164	\$ -

C. Receivables from related parties:

	March 31, 2023	December 31, 2022	March 31, 2022
Accounts receivable:			
Changzhou Galasemi	\$ 7,773	\$ 2,958	\$ 6,747
Other receivable —			
Sales of machinery and equipment:			
Changzhou Galasemi	5,634	5,682	-
Other receivables — Other:			
Changzhou Galasemi	-	302	121
	<u>\$ 13,407</u>	<u>\$ 8,942</u>	<u>\$ 6,868</u>

Accounts receivables arise mainly from sale transactions. Other receivables arise mainly from equipment test services, and sales of machinery and miscellaneous equipment. The accounts receivable and other receivables are unsecured in nature and bear no interest.

D. Payables to related parties:

	March 31, 2023	December 31, 2022	March 31, 2022
Other payables:			
Chemsemi	\$ -	\$ -	\$ 1,264
Changzhou Galasemi	46	-	-
Unikorn	5,757	2,705	-
	<u>\$ 5,803</u>	<u>\$ 2,705</u>	<u>\$ 1,264</u>

E. Property transactions:

- (a) The Company participated in the investee accounted for using equity method – Unikorn’s increase of common stocks for cash in March 2022. The details of the transaction are as follows:

Transaction company	Accounts	No. of shares	Objects	Three-month period ended March 31, 2023
				Consideration
Unikorn	Investments accounted for using equity method	30,000,000	Common Stocks	\$ 600,000

The three-month period ended March 31, 2023: None.

- (b) The Company participated in the investee accounted for using equity method – Chemsemi’s increase of equity for cash in February 2022. The details of the transaction are as follows:

Transaction company	Accounts	No. of shares	Objects	Three-month period ended March 31, 2022
				Consideration
Chemsemi	Investments accounted for using equity method	Note	Equity of Chemsemi	\$ 443,899

Note: Please refer to Note 6(5).

The three-month period ended March 31, 2023: None.

F. Other transactions:

Transaction company	Item	Transaction amounts	
		Three-month periods ended March 31,	
		2023	2022
Unikorn	Outsourcing manufacturing services charges	\$ 10,260	\$ 6,439
Changzhou Galasemi	Outsourcing manufacturing services charges	46	-
		<u>\$ 10,306</u>	<u>\$ 6,439</u>

(3) Key management compensation

	Three-month periods ended March 31,	
	2023	2022
Salaries and other short-term employee benefits	\$ 27,629	\$ 24,171
Post-employment benefits	884	836
Compensation costs of share-based payment	1,107	1,983
	<u>\$ 29,620</u>	<u>\$ 26,990</u>

8. PLEDGED ASSETS

As of March 31, 2023, December 31, 2022 and March 31, 2022, the Group's assets pledged as collateral were as follows:

<u>Assets</u>	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>	<u>Purpose</u>
Investments accounted for using equity method	\$ 91,139	\$ 94,786	\$ -	Garantee for Equity Transfer
Land	140,222	141,420	131,841	Long-term borrowings
Buildings	73,005	74,302	71,152	Long-term borrowings
Time deposits (Shown as "Other current assets")	32,907	33,114	30,871	Short-term borrowings
Time deposits (Shown as "Other non-current assets")	-	300	300	Custom guarantee for imported goods
Refundable deposits (Shown as "Other current asset" and	2,402	2,582	2,427	Deposits for office rental and waste water treatment

9. SIGNIFICANT CONTINGENT LIABILITIES AND UNRECOGNIZED CONTRACT COMMITMENTS

Capital expenditures contracted for at the balance sheet date but not yet incurred are as follows:

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Property, plant and equipment	\$ <u>73,106</u>	\$ <u>72,564</u>	\$ <u>6,060</u>

10. SIGNIFICANT DISASTER LOSS

None.

11. SIGNIFICANT EVENTS AFTER THE REPORTING PERIOD

None.

12. OTHERS

(1) Capital management

In order to safeguard the Group's ability to adapt to the changes in the industry and to accelerate the new product development, the Company's objective when managing capital is to maintain sufficient financial resources to support the operating capital, capital expenditures, research and development activities, repayment of debts and dividend paid to shareholders, etc.

(2) Financial instruments

A. Financial instruments by category

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
<u>Financial assets</u>			
Financial assets measured at fair value through other comprehensive income			
Designation of equity instrument	\$ 1,385	\$ 1,397	\$ -
Financial assets at amortized cost			
Cash and cash equivalents	337,650	442,196	778,385
Accounts receivable (including related parties)	215,630	202,474	203,754
Other receivables (including related parties)	9,737	9,827	4,779
Refundable deposits	2,402	2,582	2,427
Time deposits (over three-month period) (Shown as “Other current assets” and “Other non-current assets”)	32,907	33,414	31,171
	<u>\$ 599,711</u>	<u>\$ 691,890</u>	<u>\$ 1,020,516</u>
<u>Financial liabilities</u>			
Financial liabilities at amortized cost			
Short-term borrowings	\$ 20,000	\$ 20,000	\$ 20,000
Accounts payable	43,814	7,810	25,104
Other payables (including related parties)	324,992	303,726	130,452
Long-term borrowings (including current portion)	358,491	372,387	204,476
	<u>\$ 747,297</u>	<u>\$ 703,923</u>	<u>\$ 380,032</u>
Lease liabilities	<u>\$ 21,850</u>	<u>\$ 24,238</u>	<u>\$ 1,905</u>

B. Financial risk management policies

(a) The Group’s activities expose it to a variety of financial risks: market risk (including foreign exchange risk and price risk), credit risk and liquidity risk.

(b) Risk management is carried out by the Group’s finance team under policies approved by the Board of Directors. The Group’s finance team identifies, evaluates and hedges financial risks in close cooperation with the Group’s operating units.

C. Significant financial risks and degrees of financial risks

(a) Market risk

Foreign exchange risk

i. The Group operates internationally and is exposed to foreign exchange risk arising from the transactions of the Company and its subsidiaries used in various functional currency, primarily with respect to the USD and NTD. Foreign exchange risk arises from future commercial transactions and recognized assets and liabilities.

- ii. The Group's businesses involve some non-functional currency operations (the Company's and certain subsidiaries' functional currency: USD; other certain subsidiaries' functional currency: NTD). The information on assets and liabilities denominated in foreign currencies whose values would be materially affected by the exchange rate fluctuations is as follows:

March 31, 2023			
(Foreign currency: functional currency)	Foreign currency amount (in thousands)	Exchange rate	Book value (NTD)
<u>Financial assets</u>			
<u>Monetary items</u>			
NTD:USD	\$ 108,431	0.033	\$ 108,431
<u>Non-monetary items</u>			
NTD:USD	543,343	0.033	543,343
RMB:USD	386,196	0.146	1,714,238
December 31, 2022			
(Foreign currency: functional currency)	Foreign currency amount (in thousands)	Exchange rate	Book value (NTD)
<u>Financial assets</u>			
<u>Monetary items</u>			
NTD:USD	\$ 116,147	0.033	\$ 116,147
<u>Non-monetary items</u>			
NTD:USD	662,368	0.033	662,368
RMB:USD	404,375	0.144	1,784,246
March 31, 2022			
(Foreign currency: functional currency)	Foreign currency amount (in thousands)	Exchange rate	Book value (NTD)
<u>Financial assets</u>			
<u>Monetary items</u>			
NTD:USD	\$ 227,504	0.035	\$ 227,504
<u>Non-monetary items</u>			
NTD:USD	677,842	0.035	677,842
RMB:USD	390,826	0.157	1,762,101

- iii. The total exchange gain (loss), including realized and unrealized arising from significant foreign exchange variation on the monetary items held by the Group for three-month periods ended March 31, 2023 and 2022, amounted to \$454 and (\$14,902), respectively.

iv. Analysis of foreign currency market risk arising from significant foreign exchange variation:

		Three-month period ended March 31, 2023		
		Sensitivity analysis		
		Degree of variation	Effect on profit or loss	Effect on other comprehensive income
(Foreign currency: functional currency)				
<u>Financial assets</u>				
<u>Monetary items</u>				
	NTD:USD	1%	\$ 1,084	\$ -
<u>Non-monetary items</u>				
	NTD:USD	1%	-	5,433
	RMB:USD	1%	-	17,142
		Three-month period ended March 31, 2022		
		Sensitivity analysis		
		Degree of variation	Effect on profit or loss	Effect on other comprehensive income
(Foreign currency: functional currency)				
<u>Financial assets</u>				
<u>Monetary items</u>				
	NTD:USD	1%	\$ 2,275	\$ -
<u>Non-monetary items</u>				
	NTD:USD	1%	-	6,778
	RMB:USD	1%	-	17,621

(b) Credit risk

- i. Credit risk refers to the risk of financial loss to the Group arising from default by the clients or counterparties of financial instruments on the contract obligations. The main factor is that counterparties could not repay in full the accounts receivable based on the agreed terms, and the credit risk of financial assets at amortized cost.
- ii. The Group manages their credit risk taking into consideration the entire group's concern. For banks and financial institutions, only independently rated parties with a minimum rating of "BBB+" are accepted. According to the Group's credit policy, each local entity in the Group is responsible for managing and analyzing the credit risk for each of their new clients before standard payment and delivery terms and conditions are offered. Internal risk control assesses the credit quality of the customers, taking into account their financial position, past experience and other factors. Individual risk limits are set based on internal or external ratings in accordance with limits set by the Board of Directors. The utilization of credit limits is regularly monitored.
- iii. The Group does not hold any collateral as security for accounts receivable. As of March 31, 2023, December 31, 2022 and March 31, 2022, with no collateral held or other credit enhancements, the maximum exposure to credit risk in respect of the Group's accounts receivable was \$215,630, \$202,474 and \$203,754, respectively.

- iv. The Group adopts the assumption under IFRS 9, that is, the default occurs when the contract payments are past due over 90 days.
- v. The Group adopts the assumption under IFRS 9 to assess whether there has been a significant increase in credit risk on that instrument since initial recognition:
If the contract payment were past due over 30 days, based on the terms, there would be a significant increase in credit risk on that instrument since initial recognition.
- vi. The following indicators are used to determine whether the credit impairment of debt instruments has occurred:
- It becomes probable that the issuer will enter bankruptcy or other financial reorganization due to their financial difficulties;
 - The disappearance of an active market for that financial asset because of financial difficulties.
- vii. The Group wrote off the financial assets, which cannot be reasonably expected to be recovered, after initiating recourse procedures. However, the Group will continue executing the recourse procedures to secure their rights.
- viii. Estimation of expected credit loss for accounts receivable:
- The Group classifies customers' accounts receivable in accordance with credit risk on trade. The Group applies the simplified approach using loss rate methodology to estimate expected credit loss.
 - The Group used the forecastability of external research report to adjust historical and timely information for a specific period to assess the default possibility of accounts receivable. As of March 31, 2023, December 31, 2022 and March 31, 2022, the loss rate methodology is as follows:

	Not past due	Less than 90 days past due	Less than 180 days and more than 90 days past due	More than 180 days past due	Total
<u>Accounts receivable</u>					
<u>At March 31, 2023</u>					
Expected loss rate	0% -1%	1% -15%	16% -31%	31% -100%	
Total book value	<u>\$ 166,183</u>	<u>\$ 48,359</u>	<u>\$ 29,129</u>	<u>\$ 3,136</u>	<u>\$ 246,807</u>
Loss allowance	<u>\$ -</u>	<u>\$ 152</u>	<u>\$ 27,889</u>	<u>\$ 3,136</u>	<u>\$ 31,177</u>
	Not past due	Less than 90 days past due	Less than 180 days and more than 90 days past due	More than 180 days past due	Total
<u>Accounts receivable</u>					
<u>At December 31, 2022</u>					
Expected loss rate	0% -1%	1% -15%	16% -31%	31% -100%	
Total book value	<u>\$ 197,698</u>	<u>\$ 32,611</u>	<u>\$ -</u>	<u>\$ 1,284</u>	<u>\$ 231,593</u>
Loss allowance	<u>\$ -</u>	<u>\$ 27,835</u>	<u>\$ -</u>	<u>\$ 1,284</u>	<u>\$ 29,119</u>

<u>Accounts receivable</u>	<u>Not past due</u>	<u>Less than 180 days and more than 90 days past due</u>		<u>More than 180 days past due</u>	<u>Total</u>
		<u>Less than 90 days past due</u>	<u>Less than 180 days and more than 90 days past due</u>		
<u>March 31, 2022</u>					
Expected loss rate	0%-1%	1%-15%	16%-31%	31%-100%	
Total book value	<u>\$178,779</u>	<u>\$ 23,644</u>	<u>\$ 57</u>	<u>\$ 2,500</u>	<u>\$204,980</u>
Loss allowance	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,226</u>	<u>\$ 1,226</u>

(c) Movements in relation to the Group applying the simplified approach to provide loss allowance for accounts receivable was as follows:

	<u>2023</u>	
	<u>Accounts receivable</u>	
At January 1	\$	29,119
Provision for impairment loss		2,300
Effect of foreign exchange	(242)
At March 31	\$	<u>31,177</u>
	<u>2022</u>	
	<u>Accounts receivable</u>	
At January 1	\$	1,157
Provision for impairment loss		28
Effect of foreign exchange		41
At March 31	\$	<u>1,226</u>

viii. The Group used the forecastability of external research report to adjust historical and timely information for a specific period to assess the default possibility of other receivables (including related parties). As of March 31, 2023, December 31, 2022 and March 31, 2022, the loss rate methodology is as follows:

	<u>Not past due</u>	
<u>At March 31, 2023</u>		
Expected loss rate		0%-100%
Total book value	\$	<u>9,737</u>
Loss allowance	\$	<u>-</u>
	<u>Not past due</u>	
<u>At December 31, 2022</u>		
Expected loss rate		0%-100%
Total book value	\$	<u>9,827</u>
Loss allowance	\$	<u>-</u>

	<u>Not past due</u>
<u>At March 31, 2022</u>	
Expected loss rate	0% - 100%
Total book value	<u>\$ 4,779</u>
Loss allowance	<u>\$ -</u>

(c) Liquidity risk

- i. Cash flow forecasting is performed by the operating entities of the Group and aggregated by the Group's finance team. The Group's finance team monitors rolling forecasts of the Group's liquidity requirements to ensure the Group has sufficient cash to meet operational needs. Such forecasting takes into consideration the Group's debt financing plans, compliance with internal balance sheet ratio targets and, if applicable, external regulatory or legal requirements.
- ii. Surplus cash held by the operating entities over and above balance required for working capital management are managed for investment appropriately. The instruments chosen would be with appropriate maturities or sufficient liquidity to provide sufficient headroom as determined by the above-mentioned forecasts.
- iii. The Group has the following undrawn borrowing facilities:

	<u>March 31, 2023</u>	<u>December 31, 2022</u>	<u>March 31, 2022</u>
Floating rate:			
Expiring within one year	<u>\$ 66,900</u>	<u>\$ 67,420</u>	<u>\$ 6,000</u>

Note: The facilities expiring within one year are annual facilities subject to renegotiation before various due dates.

- iv. The table below analyzes the Group's non-derivative financial liabilities and net-settled or gross-settled derivative financial liabilities into relevant maturity groupings based on the remaining period at the balance sheet date to the contractual maturity date for non-derivative financial liabilities and to the expected maturity date for derivative financial liabilities. The amounts disclosed in the table are the contractual undiscounted cash flows.

	<u>Less than 1 year</u>	<u>Over 1 year</u>
<u>Non-derivative financial liabilities:</u>		
March 31, 2023		
Short-term borrowings	\$ 20,120	\$ -
Accounts payable	43,814	-
Other payables (including related parties)	324,992	-
Lease liabilities	9,727	13,848
Long-term borrowings (including current portion)	59,181	384,781
	<u>Less than 1 year</u>	<u>Over 1 year</u>
<u>Non-derivative financial liabilities:</u>		
Decemebr 31, 2022		
Short-term borrowings	\$ 20,240	\$ -
Accounts payable	7,810	-
Other payables (including related parties)	303,726	-
Lease liabilities	9,734	16,451
Long-term borrowings (including current portion)	56,583	385,909
	<u>Less than 1 year</u>	<u>Over 1 year</u>
<u>Non-derivative financial liabilities:</u>		
March 31, 2022		
Short-term borrowings	\$ 20,154	\$ -
Accounts payable	25,104	-
Other payables	130,452	-
Lease liabilities	1,928	-
Long-term borrowings (including current portion)	17,806	245,004

(3) Fair value information

A. The different levels that the inputs to valuation techniques are used to measure fair value of financial and non-financial instruments have been defined as follows:

Level 1: Quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date. A market is regarded as active where a market in which transactions for the asset or liability take place with sufficient frequency and volume to provide pricing information on an ongoing basis.

Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.

Level 3: Unobservable inputs for the asset or liability.

B. Financial instruments not measured at fair value

The carrying amounts measured at amortized cost approximate the fair values of the Group's

financial instruments, including cash and cash equivalents, accounts receivable, other receivables, refundable deposits, time deposits (over three-month period), short-term borrowings, current contract liabilities, accounts payable, other payables, lease liabilities, and long-term borrowings (including current portion).

- C. The related information of financial and non-financial instruments measured at fair value by level on the basis of the nature, characteristics and risks of the assets and liabilities is as follows:

<u>March 31, 2023</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets				
<u>Recurring fair value measurements</u>				
Financial assets at fair value through other comprehensive income	\$ -	\$ -	\$ 1,385	\$ 1,385
<u>December 31, 2022</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Assets				
<u>Recurring fair value measurements</u>				
Financial assets at fair value through other comprehensive income	\$ -	\$ -	\$ 1,397	\$ 1,397

March 31, 2022: None.

- D. The following chart is the movement of Level 3 for year ended December 31, 2022:

	<u>2023</u>
	<u>Equity instrument</u>
At January 1	\$ 1,397
Effect of exchange rate changes	(12)
At March 31	<u>\$ 1,385</u>

Three-month period ended March 31, 2022 : None.

- E. For the three-month periods ended March 31, 2023 and 2022, there was no transfer into or out from Level 3.
- F. The Group's accounting segment is in charge of valuation procedures for fair value measurements being categorised within Level 3, which is to verify independent fair value of financial instruments. Such assessment is to ensure the valuation results are reasonable by applying independent information to make results close to current market conditions, confirming the resource of information is independent, reliable and in line with other resources and represented as the exercisable price, and frequently calibrating valuation model, performing back-testing, updating inputs used to the valuation model and making any other necessary adjustments to the fair value.
- G. The following is the qualitative information of significant unobservable inputs and sensitivity analysis of changes in significant unobservable inputs to valuation model used in Level 3 fair value measurement:

	Fair value at March 31, 2023	Valuation technique	Significant unobservable input	Range (weighted average)	Relationship of inputs to fair value
Non-derivative equity instruments					
Unlisted Company Shares	\$ 1,385	Market comparable companies	Lack of marketability	0.7	Not applicable
	Fair value at December 31, 2022	Valuation technique	Significant unobservable input	Range (weighted average)	Relationship of inputs to fair value
Non-derivative equity instruments					
Unlisted Company Shares	\$ 1,397	Last transaction price	Not applicable	Not applicable	Not applicable

March 31, 2022: None.

13. SUPPLEMENTARY DISCLOSURES

(1) Significant transactions information

- (a) Loans to others: Please refer to table 1.
- (b) Provision of endorsements and guarantees to others: Please refer to table 2.
- (c) Holding of marketable securities at the end of the period (not including subsidiaries, associates and joint ventures): Please refer to table 3.
- (d) Acquisition or sale of the same security with the accumulated cost exceeding \$300 million or 20% of the Company's paid-in capital: None.
- (e) Acquisition of real estate reaching \$300 million or 20% of paid-in capital or more: None.
- (f) Disposal of real estate reaching \$300 million or 20% of paid-in capital or more: None.
- (g) Purchases or sales of goods from or to related parties reaching \$100 million or 20% of paid-in capital or more: None.
- (h) Receivables from related parties reaching \$100 million or 20% of paid-in capital or more: None.
- (i) Derivative financial instruments: None.
- (j) Significant inter-company transactions: Please refer to table 9.

(2) Information on investees

Names, locations and other information of investee companies (not including investees in mainland China): Please refer to table 10.

(3) Information on investments in mainland China

- (a) Information on investments in mainland China: Please refer to table 11.
- (b) Significant transactions, either directly or indirectly through a third area, with investee companies in the Mainland Area: Please refer to Note 7.

(4) Major shareholders information

Major shareholders information: Please refer to table 12.

14. SEGMENT INFORMATION

(1) General information

The Company operates business only in a single industry. The Chief Operating Decision-Maker, who allocates resources and assesses performance of the Group as a whole, has identified that the Company has only one reportable operating segment.

(2) Segment information

The segment information provided to the Chief Operating Decision-Maker for the reportable segments is as follows:

	Three-month periods ended March 31,	
	2023	2022
Revenue from external customers	\$ 270,481	\$ 297,485
Inter-segment revenue	-	-
Total segment revenue	<u>\$ 270,481</u>	<u>\$ 297,485</u>
Segment loss (Note)	<u>(\$ 293,481)</u>	<u>(\$ 173,206)</u>
Note: Exclusive of income tax.		
	December 31, 2022	March 31, 2022
Segment assets	<u>\$ 4,269,206</u>	<u>\$ 4,714,923</u>
Segment liabilities	<u>\$ 860,483</u>	<u>\$ 463,375</u>

(3) Reconciliation for segment income (loss)

The Company and its subsidiaries engage in a single industry. The Chief Operating Decision-Maker assesses performance and allocates resources of the whole group. The Company is regarded as a single operating segment. Therefore, there is no inter-segment revenue. The revenue from external parties reported to the Chief Operating Decision-Maker is measured in a manner consistent with that in the statement of comprehensive income. The amount provided to the Chief Operating Decision-Maker with respect to total assets is measured in a manner consistent with that in the balance sheet.

GCS HOLDINGS, INC. AND SUBSIDIARIES

Loans to others

Three-month period ended March 31, 2023

Table 1

Expressed in thousands of NTD

(Except as otherwise indicated)

No. (Note 1)	Creditor	Borrower	General ledger account	Is a related party	Maximum outstanding balance during the three-month period ended March 31, 2023 (Note 3)	Balance at March 31, 2023	Actual amount drawn down	Interest rate	Nature of loan (Note 2)	Amount of transactions with the borrower	Reason for short-term financing	Allowance for doubtful accounts		Collateral		Limit on loans granted to a single party (Note 3)	Ceiling on total loans granted (Note 3)	Footnote
												Item	Value	Item	Value			
1	Global Communication Semiconductors, LLC	D-Tech Optoelectronics, Inc.	Other receivable - related parties	Yes	\$ 60,960	\$ 60,960	\$ 42,630	2%	2	\$ -	Operation	\$ -	None	\$ -	\$ -	\$ 350,228	\$ 350,228	-
1	Global Communication Semiconductors, LLC	D-Tech Optoelectronics, Inc.	Other receivable - related parties	Yes	60,960	60,960	-	2%	2	-	Operation	-	None	-	-	350,228	350,228	Note 4

Note 1: The numbers filled in for the loans provided by the Company or subsidiaries are as follows:

(1)The Company is '0'.

(2)The subsidiaries are numbered in order starting from '1'.

Note 2: The column of 'Nature of loan' shall fill in 'Business transaction or 'Short-term financing'.

(1)The business transaction is '1'.

(2)The short-term financing is '2'.

Note 3: According to the Company's "Procedures for Lending Funds to Other Parties", the total amount available for lending purpose shall not exceed forty percent (40%) of the net worth of the Company. The total amount for lending to a company having business relationship with the Company shall not exceed the total transaction amount between the parties during the period of twelve (12) months prior to the time of lending (For the purpose of this Procedure, the "transaction amount" shall mean the sales or purchasing amount between the parties, whichever is higher), and shall not exceed ten percent (10%) of the net worth of the Company. The total amount for lending to a company for funding for a short-term period shall not exceed ten percent (10%) of the net worth of the Company. In addition, the total amount lendable to any one borrower shall be no more than thirty percent (30%) of the borrower's net worth, provided that this restriction will not apply to subsidiaries whose voting shares are 100% owned, directly or indirectly, by the Company. The total amount for fund-lending between the subsidiaries whose voting shares are 100% owned, directly or indirectly, by the Company will not be subject to the limit of forty percent (40%) of the net worth of the lending subsidiary. The total amount of lending provided by the Company to any individual entities are limited to forty percent (40%) of the Company's net worth and the term of each loan shall not exceed one year.

Note 4: On November 5, 2021, the Company's Board of Directors resolved to approve Global Communication Semiconductors, LLC to loan to its subsidiary D-Tech Optoelectronics Inc. with the limitation amounted to USD2,000,000, and the actual expenditure was USD0. On November 1, 2022, the Company's Board of Directors resolved to approve Global Communication Semiconductors, LLC to loan to its subsidiary D-Tech Optoelectronics Inc. with the limitation amounted to USD2,000,000, and the actual expenditure was USD1,400,000.

GCS HOLDINGS, INC. AND SUBSIDIARIES
Provision of endorsements and guarantees to others
Three-month period ended March 31, 2023

Table 2

Expressed in thousands of NTD
(Except as otherwise indicated)

Number (Note 1)	Endorser/ guarantor	Party being endorsed/guaranteed		Limit on endorsements/ guarantees provided for a single party (Note 3)	Maximum outstanding endorsement/ guarantee amount for the three-month period ended March 31, 2023	Outstanding endorsement/ guarantee amount at March 31, 2023	Actual amount drawn down	Amount of endorsements/ guarantees secured with collateral	Ratio of accumulated endorsement/ guarantee amount to net asset value of the endorser/ guarantor company	Ceiling on total amount of endorsements/ guarantees provided (Note 3)	Provision of endorsements/ guarantees by parent company to subsidiary	Provision of endorsements/ guarantees by subsidiary to parent company	Provision of endorsements/ guarantees to the party in mainland China	Footnote
		Company name	Relationship with the endorser/ guarantor (Note 2)											
0	GCS Holdings, Inc.	GCS Device Technologies, Co., Ltd.	2	\$ 1,363,489	\$ 30,480	\$ 30,450	\$ 20,000	\$ 30,450	0.89%	\$ 1,363,489	Y	N	N	Note 4

Note 1: The numbers filled in for the endorsements/guarantees provided by the Company or subsidiaries are as follows:

(1)The Company is '0'.

(2)The subsidiaries are numbered in order starting from '1'.

Note 2: Relationship between the endorser/guarantor and the party being endorsed/guaranteed is classified into the following seven categories; fill in the number of category each case belongs to:

(1)Having with which it does business.

(2)The endorser/guarantor parent company owns directly or indirectly more than 50% voting shares of the endorsed/guaranteed subsidiary.

(3)The endorser/guarantor parent company owns directly or indirectly more than 50% voting shares of the endorsed/guaranteed company.

(4)The endorsed/guaranteed parent company owns directly or indirectly more than jointly 90% voting shares of the endorser/guarantor company.

(5)Mutual guarantee of the trade or co-contractor as required by the construction contract.

(6)Due to joint venture, mutual shareholder provides endorsements/guarantees to the endorsed/guaranteed company in ratio to its ownership.

(7)Companies in the same industry provide among themselves joint and several security for a performance guarantee of sales contract for pre-construction homes pursuant to the Consumer Protection Act for each other.

Note 3: According to the Company's "Procedures for Endorsement and Guarantee", the total amount of endorsement/guarantee provided by the Company is limited to forty percent (40%) of the Company's net worth, and the total amount of the guarantee provided by the Company to any individual entity is limited to ten percent (10%) of the Company's net worth. The total amount of the guarantee provided by the Company to any subsidiary whose voting shares are 100% owned, directly or indirectly, by the Company shall not exceed forty percent (40%) of the Company's net worth.

The aggregate total amount of endorsement/guarantee provided by the Company and its subsidiaries shall not exceed fifty percent (50%) of the Company's net worth.

Note 4: The description of the endorsement guarantee for GCS Device Technologies, Co., Ltd. is as follows:

Since the bank loan of GCS Device Technologies, Co., Ltd. will be due and extended in December 2022. On November 1, 2022, the Company's Board of Director resolved in advance to approve a endorsement guarantee amounted to USD1,000,000, as the requirement of the bank loan of GCS Device Technologies, Co., Ltd.. As of March 31, 2023, the actual expenditure is \$20,000.

GCS HOLDINGS, INC.

Holding of marketable securities at the end of the period

March 31, 2023

Table 3

Expressed in thousands of NTD

(Except as otherwise indicated)

Securities held by	Marketable securities (Note 1)	Relationship with the securities issuer (Note 2)	General ledger account	As of March 31, 2023				Footnote (Note 4)
				Number of shares	Book value (Note 3)	Ownership (%)	Fair value	
Global Communication Semiconductors, LLC	ElectroPhotonic-IC Inc.	None.	Financial assets at fair value through other comprehensive income	41,617	\$ 1,385	0.29%	\$ 1,385	None

Note 1: Marketable securities in the table refer to stocks, bonds, beneficiary certificates and other related derivative securities within the scope of IFRS 9 'Financial instrument'.

Note 2: Leave the column blank if the issuer of marketable securities is non-related party.

Note 3: Fill in the amount after adjusted at fair value and deducted by accumulated impairment for the marketable securities measured at fair value;

fill in the acquisition cost or amortized cost deducted by accumulated impairment for the marketable securities not measured at fair value. marketable securities not measured at fair value.

GCS HOLDINGS, INC. AND SUBSIDIARIES
Significant inter-company transactions during the reporting period
Three-month period ended March 31, 2023

Table 9

Expressed in thousands of NTD
(Except as otherwise indicated)

Number (Note 1)	Company name	Counterparty	Relationship (Note 2)	Transaction		Percentage of consolidated total operating revenues or total assets (Note 3)	
				General ledger account	Amount		
1	D-Tech Optoelectronics, Inc.	Global Communication Semiconductors, LLC	3	Accounts receivable - related party	\$ 1,012	Conducted in the ordinary course of business with terms similar to those with third parties	0.02%
1	D-Tech Optoelectronics, Inc.	Global Communication Semiconductors, LLC	3	Service revenue	1,728	Conducted in the ordinary course of business with terms similar to those with third parties	0.64%
1	D-Tech Optoelectronics, Inc.	Global Communication Semiconductors, LLC	3	Other receivable-related party	42,706	Loans to other	1.00%
2	GCS Device Technologies, Co., Ltd.	Global Communication Semiconductors, LLC	3	Service revenue	1,744	Conducted in the ordinary course of business with terms similar to those with third parties	0.64%
2	GCS Device Technologies, Co., Ltd.	Global Communication Semiconductors, LLC	3	Accounts receivable - related party	1,835	Conducted in the ordinary course of business with terms similar to those with third parties	0.04%

Note 1: The numbers filled in for the transaction company in respect of inter-company transactions are as follows:

(1)Parent company is '0'.

(2)The subsidiaries are numbered in order starting from '1'.

Note 2: Relationship between transaction company and counterparty is classified into the following three categories; fill in the number of category each case belongs to (If transactions between parent company and subsidiaries or between subsidiaries refer to the same transaction, it is not required to disclose twice. For example, if the parent company has already disclosed its transaction with a subsidiary, then the subsidiary is not required to disclose the transaction; for transactions between two subsidiaries, if one of the subsidiaries has disclosed the transaction, then the other is not required to disclose the transaction.):

(1)Parent company to subsidiary.

(2)Subsidiary to parent company.

(3)Subsidiary to subsidiary.

Note 3: Regarding percentage of transaction amount to consolidated total operating revenues or total assets, it is computed based on period-end balance of transaction to consolidated total assets for balance sheet accounts and based on accumulated transaction amount for the period to consolidated total operating revenues for income statement accounts.

Note 4: Disclosure over 1 million transaction details in this table.

GCS HOLDINGS, INC. AND SUBSIDIARIES
Information on investees (not including investees in mainland China)
Three-month period ended March 31, 2023

Table 10

Expressed in thousands of NTD
(Except as otherwise indicated)

Investor	Investee (Note 1、2)	Location	Main business activities	Initial investment amount		Shares held as at December 31, 2022			Net profit (loss)	Investment income (loss)	Footnote
				Balance as at March 31, 2023	Balance as at December 31, 2022	Number of shares	Ownership (%)	Book value	of the investee for three- month period ended March 31, 2023 (Note 2(2))	recognized by the Company for the three-month period ended March 31, 2023 (Note 2(3))	
GCS Holdings, Inc.	Global Communication Semiconductors, LLC	Los Angeles, USA	1. Manufacturing of compound semiconductor wafers and foundry related services as well as granting royalty rights for intellectual property 2. Manufacturing and selling of advanced optoelectronics technology products	\$ 403,975	\$ 403,975	-	100%	\$ 875,570	(\$ 79,650)	(\$ 79,650)	Subsidiary
GCS Holdings, Inc.	GCS Device Technologies, Co., Ltd.	Taiwan	Product design and research development services	12,000	12,000	-	100%	29,463	(346)	(346)	Subsidiary
GCS Holdings, Inc.	GCOM Semiconductor Co., Ltd.	Taiwan	Wholesaling and retailing of electronic components, product design, and outsourcing management services	50,000	50,000	5,000,000	100%	49,451	(20)	(20)	Subsidiary
GCS Holdings, Inc.	Unikorn Semiconductor Corporation	Taiwan	Specialized OEM of III-V compound semiconductors	1,664,000	1,664,000	131,400,000	42.06%	543,343	(279,372)	(117,342)	Investee company of parent company
Global Communication Semiconductors, LLC	D-Tech Optoelectronics, Inc.	Los Angeles, USA	Developing, manufacturing and selling of photodiodes and avalanche photodiodes for telecommunication systems and data communication networks	393,380	393,380	360,000	100%	113,524	(13,781)	(13,781)	Subsidiary
D-Tech Optoelectronics, Inc.	D-Tech Optoelectronics (Taiwan) Corporation	Taiwan	Manufacturing, retailing and wholesaling of telecommunications devices, and manufacturing and wholesaling of electronic components	89,840	89,840	5,800,000	100%	43,137	(530)	(530)	Subsidiary

Note 1: If a public company is equipped with an overseas holding company and takes consolidated financial report as the main financial report according to the local law rules, it can only disclose the information of the overseas holding company about the disclosure of related overseas investee information.

Note 2: If situation does not belong to Note 1, fill in the columns according to the following regulations:

- (1)The columns of 'Investee', 'Location', 'Main business activities', 'Initial investment amount' and 'Shares held as at March 31, 2023' should fill orderly in the Company's (public company's) information on investees and every directly or indirectly controlled investee's investment information, and note the relationship between the Company (public company) and its investee each (ex. direct subsidiary or indirect subsidiary) in the 'footnote' column.
- (2)The 'Net profit (loss) of the investee for the three-month period ended March 31, 2023' column should fill in amount of net profit (loss) of the investee for this period.
- (3)The 'Investment income (loss) recognized by the Company for the three-month period ended March 31, 2023' column should fill in the Company (public company) recognized investment income (loss) of its direct subsidiary and recognized investment income (loss) of its investee accounted for under the equity method for this period. When filling in recognized investment income (loss) of its direct subsidiary, the Company (public company) should confirm that direct subsidiary's net profit (loss) for this period has included its investment income (loss) which shall be recognized by regulations.

GCS HOLDINGS, INC.AND SUBSIDIARIES

Information on investments in mainland China

Three-month period ended March 31, 2023

Table 11

Expressed in thousands of NTD

(Except as otherwise indicated)

Investee in mainland China	Main business activities	Paid-in capital	Investment method (Note 1)	Accumulated amount of remittance from Taiwan to mainland China as of March 31, 2023	Amount remitted from Taiwan to mainland China/ Amount remitted back to Taiwan for the three-month period ended March 31, 2023		Accumulated amount of remittance from Taiwan to mainland China as of March 31, 2023	Net income of investee for the three-month period ended March 31, 2023	Ownership held by the Company (direct or indirect)	Investment loss recognized by the Company for the three- month period ended March 31, 2023(Note 5)	Book value of investments in mainland China as of March 31, 2023	Accumulated amount of investment income remitted back to Taiwan as of March 31, 2023	Footnote
					Remitted to mainland China	Remitted back to Taiwan							
Changzhou Chemsemi Co., Ltd.	Manufacturing and selling of semiconductor discrete devices, integrated circuit chips and related products; Designing and services of integrated circuit chips; Manufacturing and selling of optoelectronic device.	\$ 8,451,943	2	\$ -	\$ -	\$ -	\$ -	(\$ 320,762)	24.21%	(\$ 73,946)	\$ 1,599,477	\$ -	Note 2(2)C、 Note 4
Shanghai Galasemi Co., Ltd.	Technical services and development services in the field of optoelectronic technology, and selling of semiconductor discrete devices	294,516	2	-	-	-	-	(18,150)	48.00%	(6,899)	114,761	-	Note 2(2)C、 Note 4
Company name	Accumulated amount of remittance from Taiwan to mainland China as of March 31, 2023	Investment amount approved by the Investment Commission of the Ministry of Economic Affairs (MOEA)	Ceiling on investments in mainland China imposed by the Investment Commission of MOEA										
Changzhou Chemsemi Co., Ltd.	\$ -	\$ -	\$ -										
Shanghai Galasemi Co., Ltd.	-	-	-										

Note 1: Investment methods are classified into the following three categories; fill in the number of category each case belongs to:

- (1) Directly invest in a company in mainland China.
- (2) Through investing in an existing company in the third area (GCS Holdings, Inc.), which then invested in the investee in mainland China.
- (3) Others

Note 2: In the 'Investment income (loss) recognized by the Company for March 31, 2023' column:

- (1) It should be indicated if the investee was still in the incorporation arrangements and had not yet any profit during this period.
- (2) Indicate the basis for investment income (loss) recognition in the number of one of the following three categories:
 - A. The financial statements that are audited and attested by international accounting firm which has cooperative relationship with accounting firm in R.O.C.
 - B. The financial statements that are audited and attested by R.O.C. parent company's CPA.
 - C. The financial statements prepared by the investee.

Note 3: The numbers in this table are expressed in New Taiwan Dollars.

Note 4: The Company was incorporated in Cayman Islands and continuously transferred the investments from the Company's U.S. bank account to Changzhou Chemsemi Co., Ltd. and Shanghai Galasemi Co., Ltd.

Note 5: The investment loss recognized by the Company for the three-month period ended March 31, 2023 was included the adjustment of unrealized investing gain and losses.

GCS HOLDINGS, INC. AND SUBSIDIARIES

Major shareholders information

March 31, 2023

Table 12

Name of major shareholders	Shares	
	Number of shares	Ownership (%)
ENNOSTAR INC.	9,028,000	8.11%
Harvestar Investment Corp.	9,013,000	8.09%
Calystar Investment Corp.	6,500,000	5.83%

Note: (1)The main shareholder information using total number of ordinary shares and preferred shares held by the shareholders who have completed the company's non-physical registration and delivery (including treasury shares) is more than 5% on the last business day at the end of each quarter. As for the share capital recorded in the company's financial report and the number of shares which the company actually have completed the non-physical registration and delivery, may be different from computational basis.

(2)Above information if belong to shareholders deliver the shares to the trust, will be disclosed by the principal individual account of trustee opened the trust account. As for shareholders who handle the declaration of insider equity holding more than 10% of their shares in accordance with the Securities and Exchange Act, their shareholdings include their shareholdings plus their delivery of trust and shares with the right to make decisions on trust property, etc. Please refer to the information at the website of the Taiwan Stock Exchange for insider equity declaration information.

(3)The preparation principle of this table is to calculate the distribution of the balance of each credit transaction based on the shareholders registered on the book-close day of the extraordinary shareholders' meeting (short-sale securities are not purchased back).

(4)Ownership (%) = The total number of shares held by this shareholder / The total number of shares that have been delivered without physical registration.

(5)The total number of shares that have been delivered without physical registration (including treasury stocks) are 111,310,734 = 111,310,734 (common shares) + 0 (preferred shares).