Consolidated Financial Statements

December 31, 2011 and 2010

(With Independent Auditors' Report Thereon)

Independent Auditors' Audit Report

The Board of Directors Sino-American Silicon Products Inc.

We have audited the accompanying consolidated balance sheets of Sino-American Silicon Products Inc. and subsidiaries (the "Company") as of December 31, 2011 and 2010, and the related consolidated statements of income. changes in stockholders' equity, and cash flows for the years then ended. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We did not audit the financial statements of a subsidiary, GlobiTech Incorporated, and an equity method investee, Sunrise Global Solar Energy Corporation, for the years ended December 31, 2011 and 2010, which are included in the consolidated financial statements. Those financial statements were audited by other auditors, whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for GlobiTech Incorporated and Sunrise Global Solar Energy Corporation, is based solely on the reports of the other auditors. The total assets of GlobiTech Incorporated were NT\$3,040,610 thousand and NT\$2.442,969 thousand (10% and 8% of consolidated total assets) as of December 31, 2011 and 2010, respectively. and its total revenue was NT\$2,331,660 thousand and NT\$2,306,868 thousand (13% and 10% of consolidated total revenue) for the years ended December 31, 2011 and 2010, respectively. The related long-term investment balances of NT\$1,011,786 thousand and NT\$1,061,409 thousand as of December 31, 2011 and 2010, respectively, and the investment loss amounting to NT\$103,405 thousand in 2011 and investment income amounting to NT\$79,764 thousand in 2010 are based solely on the reports of the other independent auditors.

We conducted our audits in accordance with the Regulations Governing Auditing and Certification of Financial Statements by Certified Public Accountants and auditing standards generally accepted in the Republic of China. Those standards and regulations require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall consolidated financial statement presentation. We believe that our audits and the reports of the other auditors provide a reasonable basis for our opinion.

In our opinion, based on our audits and the reports of the other auditors, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Sino-American Silicon Products Inc. and subsidiaries as of December 31, 2011 and 2010, and the results of their operations and their cash flows for the years then ended, in conformity with the requirements of the Guidelines Governing the Preparation of Financial Reports by Securities Issuers and accounting principles generally accepted in the Republic of China.

KPMG Hsinchu, Taiwan (the Republic of China) March 22, 2012

Note to Readers

The accompanying financial statements are intended only to present the financial position, results of operations and cash flows in accordance with the accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to review such financial statements are those generally accepted and applied in the Republic of China.

The auditors' report and the accompanying financial statements are the English translation of the Chinese version prepared and used in the Republic of China. If there is any conflict between, or any difference in the interpretation of, the English and Chinese language auditors' report and financial statements, the Chinese version shall prevail.

Consolidated Balance Sheets

December 31, 2011 and 2010 (Expressed in thousands of New Taiwan dollars)

Assets	_	2011	2010
Current assets:	•		
Cash (notes 4 and 5)	\$	4,532,226	7,070,626
Financial assets at fair value through profit or loss		43,922	-
Notes and accounts receivable, net (note 6)		1,204,256	2,356,811
Accounts receivable from related parties (note 17)		98,099	299,681
Other financial assets – current		14,237	25,106
Inventories, net (note 7)		1,335,313	1,986,145
Prepayments for materials (note 19)		1,335,910	1,055,944
Deferred income tax assets – current (note 15)		9,736	66,155
Other current assets (note 5)	_	208,368	314,959
	-	8,782,067	13,175,427
Long-term investments:			
Equity-method investments (note 8)		1,839,581	1,061,409
Available-for-sale financial assets – non-current (note 5)		1,054,168	381,019
Financial assets carried at cost – non-current (note 5)		1,904,118	1,481,649
Other financial assets – non-current (note 18)		19,590	4,542
Prepayments for long-term investment in stocks (note 8)	-		9,000
	-	4,817,457	2,937,619
Property, plant and equipment (notes 10, 11 and 18):			
Land		24,232	23,304
Buildings and improvements		4,691,409	4,129,309
Machinery and equipment		10,316,590	8,271,654
Other equipment	-	1,509,353	1,352,339
		16,541,584	13,776,606
Less: accumulated depreciation		(6,157,153)	(4,661,632)
Prepayments for equipment and construction in progress	-	754,762	975,793
	-	11,139,193	10,090,767
Intangible assets (notes 9 and 18):			
Goodwill		647,385	622,593
Land use rights	-	9,759	9,102
	-	657,144	631,695
Other assets:			
Deferred charges and other assets		27,561	11,689
Long-term prepayments for materials (note 19)	-	4,003,448	4,083,405
	-	4,031,009	4,095,094
Total Assets	\$	<u>29,426,870</u>	30,930,602

Consolidated Balance Sheets (continued)

December 31, 2011 and 2010 (Expressed in thousands of New Taiwan dollars)

Liabilities and Stockholders' Equity	2011	2010
Current liabilities:	_	
Short-term borrowings (notes 10 and 18)	\$ 1,020,694	221,769
Notes and accounts payable	600,770	1,734,724
Payroll and bonus payable	225,562	774,436
Current portion of revenue received in advance for sales (notes 17 and		
19)	1,232,513	973,989
Current portion of long-term loans payable (notes 11 and 18)	1,995,000	1,376,000
Accrued expenses and other current liabilities	470,778	930,163
	5,545,317	6,011,081
Long-term liabilities:		
Long-term loans payable (notes 11 and 18)	1,100,000	2,393,000
Other liabilities:		
Other liabilities – other (note 12)	62,345	43,611
Deferred income tax liabilities – non-current (note 15)	153,818	260,310
Revenue received in advance for sales – non-current (notes 17 and 19)	3,572,582	3,795,316
	3,788,745	4,099,237
Total liabilities	10,434,062	12,503,318
Stockholders' equity (note 13):		
Common stock	4,431,191	3,820,256
Capital surplus	12,141,389	9,574,891
Retained earnings:		
Legal reserve	944,846	587,985
Unappropriated earnings	2,080,192	4,220,074
	3,025,038	4,808,059
Other stockholders' equity:		
Foreign currency translation adjustment	161,317	(106,758)
Unrecognized pension cost	(51)	(21,178)
Unrealized gain (loss) on available-for-sale financial assets	(766,076)	352,014
	(604,810)	224,078
Total stockholders' equity	18,992,808	18,427,284
Commitments and contingencies (notes 11 and 19)		
Total Liabilities and Stockholders' Equity	\$ <u>29,426,870</u>	<u>30,930,602</u>

Consolidated Statements of Income

Years ended December 31, 2011 and 2010 (Expressed in thousands of New Taiwan dollars, except for earnings per share)

		20	11	20	10
Revenue (note 17)	\$	1′	7,648,921	22	2,565,391
Less: sales returns and allowances	·		131,684		45,875
		17	7,517,237	22	2,519,516
Processing revenue and others			31,826		9,186
Net revenue		17	7,549,063	22	2,528,702
Cost of goods sold (notes 7 and 17)		1.5	5,813,764	16	5,997,889
Gross profit			1,735,299	4	5,530,813
Operating expenses:					
Selling			121,685		156,263
General and administrative			308,419		490,414
Research and development			550,546		619,669
			980,650	1	1,266,346
Operating income			754,649		1,264,467
Non-operating income and gains:					
Interest income			34,189		8,559
Investment income recognized by equity method (note 8)			-		79,764
Dividend income			10,947		10,052
Government grants			23,211		10,576
Gain on disposal of investments			6,979		9,534
Foreign exchange gain, net			77,732		-
Unrealized gain on valuation of financial assets (note 5)			43,922		-
Other income			51,084		59,980
			248,064		178,465
Non-operating expenses and losses:					
Interest expense			68,760		74,714
Investment loss recognized by equity method (note 8)			121,609		-
Foreign exchange loss, net			-		141,759
Impairment loss on financial assets (note 5)	,		250,000		141,697
	,		440,369		358,170
Income before income taxes			562,344	4	1,084,762
Income tax expenses (note 15)			133,638		516,153
Net income	\$		428,706		<u>3,568,609</u>
		Before	After	Before	After
		Tax	Tax	Tax	Tax
Earnings per share (in dollars) (note 14)					
Basic earnings per share	\$	0.88	1.02	11.42	<u>10.50</u>
Basic earnings per share – retroactively adjusted				10.88	10.00
Diluted earnings per share	\$	0.87	1.01	11.24	10.34
Diluted earnings per share – retroactively adjusted	•	 		10.70	9.85
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See accompanying notes to financial statements.

Consolidated Statements of Changes in Stockholders' Equity Years ended December 31, 2011 and 2010

(Expressed in thousands of New Taiwan dollars)

		4.7		Retained	earnings	т.		Unrealized	
	Common stock	Advance receipts for common stock	Capital surplus	Legal reserve	Unappro- priated earnings		Unrecognized pension cost	gain (loss) on available-for- sale financial assets	Total
Balance at January 1, 2010	\$ 2,994,413	508	4,592,617	540,429	1,209,302	179,760	(16,049)	381,076	9,882,056
Appropriation of earnings:									
Legal reserve	-	-	-	47,556	(47,556)	-	-	-	-
Stock dividends	209,738	-	-	-	(209,738)	-	-	-	-
Cash dividends	-	-	-	-	(299,627)	-	-	-	(299,627)
Issuance of global depository receipts	610,000	-	4,958,757	-	-	-	-	-	5,568,757
Stock dividends to employees as bonus	4,255		22,745	-	-	-	-	-	27,000
Issuance of stock from exercised employee stock options	1,850	(508)	772	-	-	-	-	-	2,114
Net change in fair value of available-for-sale financial assets	-	-	-	-	-	-	-	(29,062)	(29,062)
Foreign currency translation adjustments	-	-	-	-	-	(286,518)	-	-	(286,518)
Adjustment arising from changes in percentage of ownership in equity-method investees	-	-	-	-	(916)	-	-	-	(916)
Pension adjustment - unrecognized pension cost	-	-	-	-	-	-	(5,129)	_	(5,129)
Net income for 2010	-	-	-	-	3,568,609	-	- '	-	3,568,609
Balance at December 31, 2010	3,820,256		9,574,891	587,985	4,220,074	(106,758)	(21,178)	352,014	18,427,284
Appropriation of earnings:							, , ,		
Legal reserve	-	-	-	356,861	(356,861)	-	-	_	-
Stock dividends	201,066	-	-	-	(201,066)	-	-	_	-
Cash dividends	ŕ	-	-	_	(2,010,661)	-	-	_	(2.010.661)
Issuance of common stock for cash	200,000	-	740,000	_	-	-	-	_	940,000
Stock dividends to employees as bonus	8,803	_	61,197	_	-	-	_	_	70,000
Issuance of common stock to acquire available-for-sale	,		ŕ						,
financial assets	201,066	-	1,650,826	-	-	-	-	-	1,851,892
Net change in fair value of available-for-sale financial assets	-	-	-	-	-	-	-	(1,118,090)	(1,118,090)
Compensation cost arising from issuance of stock from exercising employee stock options and from capital increase									
by cash reserved for employees	-	-	43,698	-	-	-	-	-	43,698
Foreign currency translation adjustments	-	-	-	-	-	268,075	-	-	268,075
Adjustment arising from changes in percentage of ownership in equity-method investees	-	-	70,777	-	_	-	-	-	70,777
Pension adjustment - unrecognized pension cost	_	-	-	_	-	-	21,127	-	21,127
Net income for 2011	_	_	-	_	428,706	_	-	_	428,706
Balance at December 31, 2011	\$ <u>4,431,191</u>		12,141,389	944,846	2,080,192	161,317	(51)	<u>(766,076</u>)	18,992,808

Note 1: Directors' and supervisors' remuneration and employee bonuses amounting to \$12,274 thousand and \$92,054 thousand, respectively, were excluded from net income for 2009.

See accompanying notes to financial statements.

Note 2: Directors' and supervisors' remuneration and employee bonuses amounting to \$53,012 thousand and \$397,590 thousand, respectively, were excluded from net income for 2010.

Consolidated Statements of Cash Flows

Years ended December 31, 2011 and 2010 (Expressed in thousands of New Taiwan dollars)

	2011	2010
Cash flows from operating activities:		
Net income \$	428,706	3,568,609
Adjustments to reconcile net income to net cash provided by (used in)		
operating activities:		
Depreciation and amortization	1,767,848	1,421,726
Provision for (reversal of) allowance for doubtful accounts	5,350	(35,110)
Provision for inventory obsolescence and devaluation loss	49,633	20,735
Investment loss (income) recognized by equity method	121,609	(79,764)
Cash dividends received from equity-method investees	9,540	115
Cash dividends received from available-for-sale financial assets	76,419	-
Loss on disposal of property, plant and equipment	133	6,571
Compensation cost arising from issuance of stock from exercising		
employee stock options and from capital increase by cash reserved		
for employees	43,698	-
Gain on disposal of equity-method investment	(6,979)	(9,534)
Impairment loss on financial assets	250,000	141,697
Unrealized gain on valuation of financial assets	(43,922)	-
Expense (income) with no effect on cash flow	223,356	(220,836)
Change in operating assets and liabilities:		
Notes and accounts receivable	1,182,056	(159,692)
Notes and accounts receivable from related parties	201,582	(195,636)
Inventories	621,377	(706,955)
Prepayments for materials	(200,009)	156,019
Other financial assets – current	10,869	(11,620)
Deferred income tax assets	(129,300)	80,164
Other operation-related assets	(114,245)	140,799
Notes and accounts payable	(1,133,954)	326,129
Revenue received in advance	35,790	(248,748)
Accrued pension liabilities	3,069	(1,017)
Deferred credits	4,589	-
Other operation-related liabilities	(653,603)	1,141,434
Net cash provided by operating activities	2,753,612	5,335,086
Cash flows from investing activities:		
(Acquisition of) proceeds from disposal of available-for-sale		
financial assets – non-current	(15,767)	10,215
Increase in equity-method investment	(837,000)	(891,676)
Acquisition of financial assets carried at cost	(579,660)	(26,096)
Proceeds from disposal of equity-method investments	14,436	-
Acquisition of property, plant and equipment	(3,045,570)	(3,556,243)
Proceeds from disposal of property and equipment	84,458	42,568
Decrease (increase) in deposits-out	(5,301)	100
Increase in restricted assets	(9,747)	(195)
Decrease (increase) in deferred charges	(7,170)	14,499
Net cash used in investing activities	(4,401,321)	(4,406,828)
		(Continued)

See accompanying notes to financial statements.

Consolidated Statements of Cash Flows (continued)

Years ended December 31, 2011 and 2010 (Expressed in thousands of New Taiwan dollars)

	2011	2010
Cash flows from financing activities:		
Increase (decrease) in short-term borrowings	798,925	(811,277)
Increase in long-term loans payable	680,000	860,000
Repayment of long-term loans	(1,354,000)	(221,000)
Payments of cash dividends	(2,010,661)	(299,627)
Proceeds from capital increase	940,000	5,568,757
Proceeds from issuance of stock for employee stock options exercised		2,114
Net cash provided by (used in) financing activities	(945,73 <u>6</u>)	5,098,967
Effect of exchange rate changes on cash	55,045	70,082
Net increase (decrease) in cash	(2,538,400)	6,097,307
Cash at beginning of year	7,070,626	973,319
Cash at end of year	\$ 4,532,226	<u>7,070,626</u>
Supplemental disclosures of cash flow information:		
Cash payments of interest (excluding interest capitalized)	\$ 69,456	71,372
Cash payments of income taxes	\$ 549,624	<u>77,667</u>
Non-cash investing and financing activities:		
Issuance of common stock to acquire available-for-sale financial assets	\$ 1,851,892	
Current portion of long-term loans payable	\$ <u> 1,995,000</u>	<u>1,376,000</u>
Bonuses to employees – stock	\$ 70,000	<u>27,000</u>
Acquisition of property, plant and equipment:		
Increase in property, plant and equipment	\$ 2,775,715	3,662,745
Changes in payables for equipment	269,855	(106,502)
	\$ 3,045,570	<u>3,556,243</u>

Notes To Consolidated Financial Statements

December 31, 2011 and 2010 (Amounts expressed in thousands of New Taiwan dollars except for per share amounts and unless otherwise specified)

1. Organization and Principal Activities

Sino-American Silicon Products Inc. ("SAS") was incorporated in January 1981 under the ROC Company Act and established the Chunan Branch in June 2005. SAS's main activities include the research, development, production, and sale of semiconductor ingots/wafers, solar ingots/wafers, and sapphire wafers, and services consisting of the integration and installment of photovoltaic systems.

SAS's common shares were publicly listed on the Over-the-Counter Market ("OTC") in March 2001.

In order to conduct corporate restructuring and specialization and to enhance competitiveness and operating performance, on June 17, 2011, the stockholders' meeting resolved to transfer the semiconductor business and sapphire business (and their related assets and liabilities) from SAS to its wholly owned, newly incorporated subsidiaries GlobalWafers and Sino Sapphire, respectively. The date of the spin-off was set as October 1, 2011, and SAS transferred its semiconductor business to GlobalWafers by issuing 180,000 thousand new shares at \$38.5 per share. In addition, SAS transferred its sapphire business by issuing 40,000 thousand new shares at \$40 per share. The relevant information about the spin-off is as follows:

		Global- Wafers	Sino Sapphire	Total
Assets:				
Accounts and notes receivable	\$	608,266	96,528	704,794
Other receivables – related parties		1,193,500	960,837	2,154,337
Inventories		305,475	144,893	450,368
Prepaid inventory		888,204	-	888,204
Deferred income tax asset - current		-	1,457	1,457
Other current asset		9,346	7	9,353
Long-term equity investment		3,952,393	-	3,952,393
Buildings and plants		75,868	-	75,868
Machinery and equipment		293,334	379,147	672,481
Prepayment for equipment and construction in				
progress		51,982	-	51,982
Leasehold improvements		-	50,899	50,899
Deferred pension cost		26,401	137	26,538
Liabilities:				
Accounts payable		(58,781)	(17,398)	(76,179)
Expense payable and other current liabilities		(82,058)	(16,370)	(98,428)
Accrued pension liabilities		(26,401)	(137)	(26,538)
Deferred income tax liabilities	_	(75,195)		<u>(75,195</u>)
Net assets		7,162,334	1,600,000	8,762,334
Effect of changes in foreign exchange rates	_	(232,334)		(232,334)
	\$ _	6,930,000	<u>1,600,000</u>	<u>8,530,000</u>

Notes to Consolidated Financial Statements

Furthermore, SAS has already obtained permission to continue listing on the OTC after the spin-off. The permission is in accordance with Article 15-20 of the GreTai Securities Market Rules Governing Securities Trading on the GTSM.

As of December 31, 2011 and 2010, SAS and its subsidiaries had 1,883 and 2,321 employees, respectively.

2. Summary of Significant Accounting Policies

The consolidated financial statements were prepared in conformity with the requirements of the Guidelines Governing the Preparation of Financial Reports by Securities Issuers and accounting principles generally accepted in the Republic of China (R.O.C.).

A summary of significant accounting policies is as follows:

(1) Overview of Consolidated Entities

(a) The consolidated subsidiaries are summarized as follows:

Name of	Name of	_	owner	tage of ship at ber 31,
Investor	investee	Main activities	2011	2010
SAS	Sino Silicon Technology Inc. (SSTI)	Investment holding and sales of products through a subsidiary in China	100	100
SAS	GlobalWafers	Silicon material for semiconductor and trading	100	-
SAS	Sino Sapphire	Manufacturing and trading of optoelecronic wafers and substrates	100	-
SAS	GWVI Inc. (GWVI)	Various investments	100	-
SAS	GlobiTech Incorporated (GT)	Production of epitaxial wafers and silicon wafers, and operation of a wafer foundry	-	100
GlobalWafers	Global Semiconductor Inc. (GSI)	Various investments	100	-
GlobalWafers	Global Wafers Inc. (GWI)	Various investments	100	-
GlobalWafers	GWafers	Various investments	100	-

Notes to Consolidated Financial Statements

Name of	Name of		owner	tage of ship at ber 31,
Investor	investee	Main activities	2011	2010
SSTI	Kunshan Sino Silicon Technology Co., Ltd. (SST)	Processing and trade of ingots and wafers	-	100
GSI	Kunshan Sino Silicon Technology Co., Ltd. (SST)	Processing and trade of ingots and wafers	100	-
GWI	GT	Production of epitaxial wafers and silicon wafers, and operation of a wafer foundry	100	-
GWVI	GWCM Inc.	Various investments	100	-

(b) Explanation of change in subsidiaries

Due to corporate reorganization starting from May 2011, SAS set up a new 100%-owned subsidiary, GSI, in the Cayman Islands and transferred the 100% ownership of SST from SSTI to GSI. Further, SAS set up 100%-owned GWI in the Cayman Islands and transferred the 100% ownership of the American subsidiary GT from SAS to GWI. Further, SAS set up 100%-owned GWVI in the British Virgin Islands and set up 100%-owned GWCM in the Cayman Islands through GWVI.

SAS commenced its spin-off on October 1, 2011, and the new subsidiaries, GlobalWafers and Sino Sapphire, were founded.

Due to the spin-off, SAS transferred the 100% ownership of GSI and GWI to GlobalWafers.

GWafers, a 100%-owned subsidiary, was founded by GlobalWafers in Japan on October 20, 2011.

On August 10, 2011, the board of directors of the Company resolved to acquire 100% ownerships of Covalent Material Corporation's subsidiaries, Covalent Silicon Corporation and Covalent Materials Sekikawa Corporation, which are semiconductor and silicon business entities. The abovementioned acquisition was approved by the special stockholders' meeting, and the acquirers would be either subsidiaries 100% owned by GWCM or other directly or indirectly 100%-owned subsidiaries of the Company. The payment date was scheduled to be March 29, 2012, and the transfer of rights and obligations was scheduled to be on April 1, 2012. According to the Memorandum of Understanding signed on January 12, 2012, the acquisition amount was tentatively set at 28 billion Japanese Yen for the related assets and business. On October 25, 2011, the board of directors of SAS resolved to replace GWCM with GWafers to commence investment restructuring.

GWVI ended its operation on January 1, 2012, and is currently liquidating.

Notes to Consolidated Financial Statements

(2) Principles of Consolidation

The accompanying consolidated financial statements include the accounts of all directly and indirectly majority-owned subsidiaries of SAS and the accounts of investees in which SAS's ownership percentage is less than 50% but in which SAS has a controlling interest (jointly referred to as the Company). All significant intercompany balances and transactions are eliminated upon consolidation.

(3) Use of Estimates

The preparation of the accompanying consolidated financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses, and disclosures of contingent liabilities. Actual results could differ from these estimates.

(4) Foreign-currency Transactions and Translation

Entities included in the consolidated financial statements record transactions in their respective functional currencies. Non-derivative foreign currency transactions are recorded at the exchange rates prevailing on the transaction date. At the balance sheet date, monetary assets and liabilities denominated in foreign currencies are translated using the exchange rates on that date. The resulting exchange gains or losses from settlement of such transactions or translation of foreign-currency-denominated monetary assets or liabilities are reflected as non-operating gains or losses in the accompanying consolidated statements of income.

Non-monetary assets and liabilities that are measured in terms of historical cost in a foreign currency are translated using the exchange rate at the date of the transaction. Non-monetary assets and liabilities denominated in foreign currencies that are stated at fair value are translated into New Taiwan dollars at the rates prevailing at the balance sheet date. If the non-monetary assets or liabilities are measured at fair value through profit or loss, the resulting unrealized exchange gains or losses from such transactions are recorded in current profit or loss. If the non-monetary assets or liabilities are measured at fair value through stockholders' equity, the resulting unrealized exchange gains or losses from such transactions are recorded as a separate component of stockholders' equity.

In translating foreign currency financial statements into New Taiwan dollars, balance-sheet-date rates are used for asset and liability accounts; historical rates are used for equity accounts, except that the prior-year translated balance is carried forward for the beginning retained earnings, and weighted-average rates are used for profit and loss accounts. Translation differences are included in the cumulative translation adjustment account under stockholders' equity.

Notes to Consolidated Financial Statements

(5) Classification of Current and Noncurrent Assets and Liabilities

Current assets are cash and cash equivalents, assets held for trading purposes, and assets expected to be converted to cash, sold, or consumed within one year from the balance sheet date. Current liabilities are obligations incurred for trading purposes and obligations expected to be settled within one year from the balance sheet date. Assets and liabilities that are not classified as current are noncurrent assets and liabilities, respectively.

(6) Asset Impairment

The Company reviews the Company's assets (an individual asset or cash-generating unit associated with the asset, other than goodwill) for impairment at each balance sheet date. When an indication of impairment is identified, any excess of the carrying amount of an asset over its recoverable amount is recognized as a loss. If the recoverable amount increases in a subsequent period, the amount previously recognized as impairment is reversed and recognized as a gain. However, the adjusted amount may not exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized.

(7) Financial Instruments

- (a) Financial assets and liabilities measured at fair value through profit or loss: Except for effective hedging derivative financial instruments, all financial derivatives are included in this category and transaction costs expensed as incurred. The derivatives are remeasured at fair value subsequently with changes in fair value recognized in earnings.
- (b) Available-for-sale financial assets: These are measured at fair value, and any changes, excluding impairment loss and unrealized foreign currency exchange gain or loss, are reported as a separate component of stockholders' equity until realized. Realized gain or loss on financial instruments is charged to current operations. If there is objective evidence of impairment, an impairment loss is recognized in profit or loss. If, in a subsequent period, events or changes in circumstances indicate that the amount of impairment loss has decreased, the previously recognized impairment loss for equity securities is reversed to the extent of the decrease and recorded as an adjustment to equity, while for debt securities, the reversal is allowed through profit or loss provided that the decrease is clearly attributable to an event which occurs after the impairment loss is recognized.
- (c) Financial assets carried at cost: Financial assets that do not have a quoted market price in an active market and whose fair value cannot be reliably measured are carried at their original cost. If there is objective evidence which indicates that a financial asset is impaired, a loss is recognized. A subsequent reversal of such impairment loss is not allowed.

Notes to Consolidated Financial Statements

(d) Notes receivables, accounts receivable, and other receivables:

Notes and accounts receivable are amounts owed to a business by a customer as a result of a purchase of goods or services from it on a credit basis. Other receivables are any receivable generated from non-operating business. For financial assets, the Company first assesses whether objective evidence of impairment exists for financial assets that are individually significant, and individually or collectively for financial assets that are not individually significant. Assets that are individually assessed for impairment and for which an impairment loss is or continues to be recognized are not included in a collective assessment of impairment.

The amount of impairment is the difference between the book value of assets and the discounted future cash flows based on the original effective rate. The impairment is recorded by the allowance account and as current-period loss. When calculating the impairment amount, the estimated future cash flow should include the recoverable amount of collateral and insurance.

If the subsequent impairment decreases because of the events after the recognition of impairment, the impairment amount previously recognized should be added back (through the allowance account). However, the amount added back should not let the book value exceed that depreciated book value without impairment. The amount added back should be recorded as current-period gain.

(8) Hedge Accounting

Hedge accounting recognizes the offsetting effects on profit or loss of changes in the fair values of the hedging instrument and the hedged item. If hedging relationships meet the criteria for hedge accounting, the hedging instruments are accounted for as fair value hedges.

Changes in the fair value of a hedging instrument designated as a fair value hedge are recognized in profit or loss. The hedged item also is stated at fair value in respect of the risk being hedged, with any gain or loss being recognized in profit or loss.

(9) Inventories

The cost of inventories consists of costs of purchase, costs of processing, and other costs incurred in bringing the inventories to their present location and condition. The fixed production overheads are allocated to the finished goods and work in progress based on the normal capacity of the production facilities. If the actual yield is approximately the normal capacity, the fixed production overheads are allocated based on the actual yield of the production facilities. In contrast, if the actual yield is greater than the normal capacity, the fixed production overheads are allocated based on the actual yield of the production facilities. Variable production overheads are allocated to each unit of production on the basis of the actual use of the production facilities. Inventories are measured individually at the lower of cost or net realizable value. The cost of inventories is calculated based on the weighted-average-cost method. Net realizable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses at the end of the period.

Notes to Consolidated Financial Statements

(10) Equity-Method Investments

The equity method is adopted when the aggregate shareholding of the Company and its affiliated companies in the investee exceeds 20% of common shares, or is less than 20% of the investee's common stock ownership, but the Company and its affiliated companies have a significant influence on the investee. The cost of such an investment shall be analyzed, and the cost of investment in excess of the fair value of identifiable net assets acquired, representing goodwill, shall not be amortized. If the fair value of identifiable net assets acquired exceeds the cost of investment, the excess shall be proportionately allocated as reductions of fair values of non-current assets (except for financial assets other than investments accounted for using the equity method and deferred income tax assets). If the book values of those non-current assets are reduced to zero, the remaining excess should be recorded as extraordinary gains.

If an investee company issues new shares and the Company does not subscribe in proportion to its original ownership percentage, the equity in the investee's net assets might be changed. The resulting change in the equity interest is adjusted against capital surplus and long-term investments. If the Company's capital surplus is insufficient to offset the adjustment to long-term investment, the difference is charged as a reduction of retained earnings.

If the equity investment that was previously measured at cost is changed to the equity method, the book value of the equity investment at the beginning of the year should be used as the initial book value of the long-term equity investment under the equity method.

Unrealized inter-company profits or losses resulting from transactions between the Company and affiliated companies and their investees accounted for under the equity method are deferred. The profits or losses resulting from depreciable or amortizable assets are recognized over the estimated useful lives of such assets. The profits or losses from other assets are recognized when realized.

(11) Property, Plant and Equipment, and Idle Assets

Property, plant and equipment are stated at cost. Significant renewals and improvements are treated as capital expenditures. Repairs and maintenance are charged to expenses as incurred.

Depreciation of property, plant and equipment is provided for by using the straight-line method over the estimated useful lives of the respective assets. At the end of each fiscal year, the Company reviews the remaining useful life, depreciation method, and salvage value of property, plant and equipment. Any changes in the remaining useful life, depreciation method, and salvage value are regarded as changes in accounting estimates. The useful lives of the main property, plant and equipment are as follows:

- (a) Buildings and improvements: 2 to 40 years.
- (b) Machinery and equipment: 2 to 15 years.
- (c) Other equipment: 2 to 20 years.

Gains or losses on the disposal of property, plant and equipment are accounted for as non-operating income or losses.

Notes to Consolidated Financial Statements

Property, plant and equipment not used in operations are reclassified to idle assets, which are measured at the lower of carrying amount or net realizable value. In accordance with the amended Statement of Financial Accounting Standards (SFAS) No. 1 "Conceptual Framework for Financial Accounting and Preparation of Financial Statements", the cost, accumulated depreciation, and accumulated impairment of property, plant and equipment not used in operations are reclassified to idle assets. Depreciation of idle assets is provided for by using the straight-line method over the remaining estimated useful life.

(12) Intangible Assets

Expenditure on research, other than goodwill and intangible assets acquired in a business combination, is charged to expense as incurred. An intangible asset arising from technology development is recognized when the Company can demonstrate all of the recognition criteria.

The residual value, useful life, and amortization method for an in tangible asset with a finite useful life are reviewed at least at each fiscal year-end. Any changes therein are accounted for as changes in accounting estimate.

Goodwill represents the excess of the cost of the acquisition over the interest in the fair value of the identifiable assets, liabilities, and contingent liabilities acquired. Goodwill is no longer amortized but is measured at cost less accumulated impairment losses.

Land use rights are recorded at acquisition cost and are amortized using the straight-line method over the shorter of the contract period or estimated benefit duration, which was 50 years.

(13) Deferred Charges

Deferred charges, including syndicated loan application expense and electrical facility installation charges which are capitalized as deferred charges, are amortized on a straight-line basis over their estimated useful lives, ranging from two to five years.

(14) Retirement Plan

SAS and its domestic subsidiaries established an employee non-contributory defined benefit retirement plan ("the Plan") covering all regular employees employed before December 31, 2005. In accordance with the Plan, the Company and its domestic subsidiaries' employees are eligible for retirement or are required to retire after meeting certain age or service requirements. Payments of retirement benefits are based on the years of service and the average salary for the six-month period before the employee's retirement. Each employee earns two months of salary for the first fifteen years of service, and one month of salary for each year of service thereafter. The maximum retirement benefit is 45 months of salary. Beginning July 2005, pursuant to the ROC Labor Pension Act (hereinafter referred to as the "New Act"), employees who elected to participate in the New Act or joined the Company and its domestic subsidiaries' after July 1, 2005, are covered by a defined contribution plan under the New Act. For these employees, SAS and its domestic subsidiaries are required to make a monthly contribution at a rate of no less than 6% of the employee's monthly wages to the employee's individual pension fund account at the ROC Bureau of Labor Insurance. Anything not covered by the original retirement plan is handled pursuant to the New Act.

Notes to Consolidated Financial Statements

For the defined benefit plan under the ROC Labor Standards Law (the "old system"), SAS and its domestic subsidiaries carry out an actuarial calculation of their pension obligation at year-end. Based on the actuarial calculation, SAS and its domestic subsidiaries recognize a minimum pension liability and net periodic pension costs covering the service lives of the retirement plan participants, including current service cost, interest cost, the actual return on plan assets, unrecognized pension obligation at transition, prior service cost, and pension gains or losses amortized on a straight-line basis over the estimated residual service periods of employees participating in the "Plan". In accordance with the requirement of the ROC Labor Standards Law, SAS and its domestic subsidiaries contribute monthly at the rate of 2% of salaries and wages to a pension fund.

Under the New Act, SAS, Global Wafers, and Sino Sapphire contribute 6% of each employee's monthly wages to the Bureau of Labor Insurance. Pension cost is recognized in the period when the contribution is made.

SST and GT have set up their respective retirement plans based on local government regulations. Pension costs are recognized in the period when the actual contributions are made. SSTI, GSI, GWI, GWVI, GWCM, and GWafers do not recognize pension costs as they have no employees.

(15) Share-based Payment

SAS adopted SFAS No. 39 "Share-based Payment" for share-based payment arrangements with a grant date on or after January 1, 2008. The Accounting Research and Development Foundation ("ARDF") Interpretations No. (92) 070, 071, and 072 were applied for employee share options that were granted before January 1, 2008.

- (a) An equity-settled share-based payment transaction is measured based on the fair value of the award at the grant date, and recognized as expenses over the vesting period with a corresponding increase in equity. The vesting period is estimated based on the vesting conditions under the share-based payment arrangement. Vesting conditions include service conditions and performance conditions (including market conditions). In estimating the fair value of an equity-settled share-based award, only the effect of market conditions is taken into consideration.
- (b) The fair value of a share-based award is estimated using the Black-Scholes option-pricing model, taking into account the exercise price, the current market price of the underlying shares, management's best estimate of the expected term, the expected volatility, the expected dividends, and the risk-free interest rate.
- (c) SAS did not apply SFAS No. 39 retrospectively to a share-based payment award that was granted before January 1, 2008; however, pro forma net income and earnings per share must be disclosed.

Notes to Consolidated Financial Statements

The capital increase by cash arising from the exercise of employee stock subscription rights commencing from January 1, 2008, is accounted for in accordance with ARDF Interpretation No. (96) 267. According to this Interpretation, compensation cost is calculated based on the option-pricing model on the grant date and is amortized over the vesting period. The grant date is either the ex-rights date or the date of approval by the board of directors if the approval from the board of directors is required.

(16) Revenue Recognition

Sales revenue is recognized when title to the products and the risks and rewards of ownership are transferred to the clients, which occurs principally at the time of shipment. Processing revenue is recognized when the services have been completed and processed products are delivered.

(17) Government Grants

Income from government grants for research and development is recognized as non-operating income when qualifying expenditures are made and income is realizable.

(18) Employee Bonuses and Remuneration to Directors and Supervisors

Effective from January 1, 2008, in accordance with Interpretation No. (96) 052 issued by the ARDF, the Company estimates the amount of employee bonuses and remuneration to directors and supervisors and charges it to current operations, classified under cost of goods sold or operating expense, whichever is appropriate. The difference, if any, between the amount approved by stockholders in the subsequent year and the amount estimated in the current-year financial statements is treated as a change in accounting estimate, and charged to profit or loss in the subsequent year.

(19) Income Taxes

Income taxes are accounted for under the asset and liability method. Deferred income taxes are determined based on differences between the financial statements and tax basis of assets and liabilities using the enacted tax rates in effect during the years in which the differences are expected to reverse. The income tax effects resulting from taxable temporary differences are recognized as deferred income tax liabilities. The income tax effects resulting from deductible temporary differences and tax credits are recognized as deferred income tax assets. The realization of the deferred income tax assets is evaluated, and if it is considered more likely than not that the deferred income tax assets will not be realized, a valuation allowance is recognized accordingly. If the Company can control the timing of the reversal of the temporary difference arising from the difference between the book value and the tax basis of a long-term equity investment in a foreign subsidiary and if the temporary difference is not expected to reverse in the foreseeable future and will, in effect, exist indefinitely, then a deferred tax liability or asset is not recognized.

Notes to Consolidated Financial Statements

According to SFAS No. 22 "Income Taxes," when a change in the income tax rate is enacted, any deferred tax liability or asset is recomputed accordingly in the period of change. The difference between the recalculated amount and original amount of a deferred tax liability or asset is reported as an adjustment to income tax expense (benefit) for income from continuing operations.

Classification of the deferred income tax assets or liabilities as current or non-current is based on the classification of the related assets or liabilities. If the deferred income tax asset or liability is not directly related to a specific asset or liability, the classification is based on the expected realization period.

According to the ROC Income Tax Act, SAS's earnings are subject to an additional 10 percent corporate income surtax if not distributed. This surtax is charged to income tax expense in the following year when the stockholders decide not to distribute the earnings.

(20) Earnings per Common Share

Basic EPS are computed by dividing net income (loss) by the weighted-average number of common shares outstanding during the year. The weighted-average number of outstanding shares is retroactively adjusted for the effect of stock dividends transferred from retained earnings and capital surplus to common stock, and employee stock bonuses issued prior to January 1, 1998.

The Company's options and employee bonuses which are distributable in the form of shares of stock but have not yet been resolved by the stockholders are potential common shares. If the potential common shares are not dilutive, only the basic earnings per common share are disclosed; otherwise, disclosure of diluted earnings per common share is added. In computing the diluted EPS, net income (loss) and the weighted-average number of common shares outstanding during the year are adjusted for the effects of dilutive potential common stock, assuming the dilutive share equivalent had been issued.

(21) Operating Segment Information

Operating segments are components of the Company which engage in operations that generate profit and expenses (including intercompany transactions within the consolidated corporation). The segment's operating results were reviewed regularly by the Company's chief operating decision maker to make decisions pertaining to the allocation of the resources to the segment and to assess its performance for which discrete financial information was available.

Notes to Consolidated Financial Statements

3. Reasons for and Effect of Changes in Accounting Principles

Effective from January 1, 2011, the Company adopted the newly issued SFAS No. 41 "Operating Segments". This Standard was to regulate the disclosure of operation segment information to enable users of financial statements to evaluate the nature and financial effects of an entity's business activities in which it engages and the economic environments in which it operates. The statement requires identification and disclosure of operating segments on the basis of how the Company's chief operating decision maker regularly reviews information in order to allocate resources and assess performance. This statement supersedes SFAS No. 20 "Segment Reporting", and the comparative operating segment information has been presented accordingly. This accounting change had no profit and loss effect on the Company's financial statements as of and for the year ended December 31, 2011.

Effective from January 1, 2011, the Company adopted the third amendment to SFAS No. 34 "Financial Instruments: Recognition and Measurement" to account for the recognition of receivables and the subsequent evaluation. This change in accounting principles had no significant effect on consolidated net income or consolidated earnings per share for the year ended December 31, 2011.

The identification of related parties was pursuant to ARDF Interpretation No. (99) 371. The interpretation has no effect on consolidated net income or consolidated earnings per share for the year ended December 31, 2011.

4. Cash

The components of cash as of December 31, 2011 and 2010, were as follows:

	December 31,		
	2011	2010	
Cash on hand	\$ 808	681	
Time deposits	946,776	2,470,828	
Cash in banks	3,584,642	4,599,117	
	\$ 4,532,226	<u>7,070,626</u>	

5. Financial Instruments and Hedge Accounting

(1) Available-for-sale financial assets – non-current

	_	December 31,		
	_	2011	2010	
Publicly listed companies:	_			
Solartech Energy Corp.	\$	789,028	-	
Acron Technology Corp.	_	265,140	381,019	
	\$ _	1,054,168	381,019	

Notes to Consolidated Financial Statements

On March 11, 2011, the boards of directors of SAS and Solartech Energy resolved to invest in each other through stock exchange. The purpose was to increase operating scale and industrial advantage through upstream and downstream integration. The exchange of stock was based on issuing new shares on April 15, 2011. SAS issued 20,107 thousand shares in exchange for 25,473 thousand shares of Solartech Energy. The exchange rate was 1.2669 shares of Solartech Energy for 1 share of SAS based on Solartech Energy's exchange day market price. The investment cost was recognized at Solartech Energy's exchange day market price and accounted for as available-for-sale financial assets. The cash dividend received from Solartech Energy amounted to \$76,419 and is recorded as recovery of investment cost.

(2) Financial assets carried at cost—non-current:

	December 31,		
	2011	2010	
Non-publicly listed stocks:			
Equity investment	2,309,437	1,629,060	
Accumulated impairment loss	<u>(405,319</u>)	(147,411)	
	<u>1,904,118</u>	<u>1,481,649</u>	
Movement of accumulated impairment loss was as follows:			
Accumulated loss, beginning of period	147,411	5,714	
Current period loss	250,000	141,697	
Effect of changes in foreign exchange rates	7,908		
Accumulated loss, end of period	405,319	<u> 147,411</u>	

Due to the lack of an active market and a reasonable method to estimate fair value, the abovementioned stocks held by SAS are recorded at cost.

The investments in SILFAB SPA, 21-Century Silicon, Inc., ZE Poly Pte Ltd., and Clean Venture 21 Corporation had been impaired due to operating losses; therefore, the Company recognized impairment loss amounting to \$250,000 and \$141,697 for the years ended December 31, 2011 and 2010, respectively.

In 2011, in order to integrate operating strategy and industrial layout upstream and downstream, SAS initially invested in Bao-De Energy Technology and increased its investment in ZE Ply Pte Ltd. As of December 31, 2011, SAS and its subsidiaries owned 13.63% and 19.10%, respectively, of the aforementioned investees. Furthermore, as of December 31, 2011, SAS held 11.22% ownership of AccuSolar Power Inc.

Please refer to Note 8 for the investment in Sunrise Global Solar Energy.

Notes to Consolidated Financial Statements

(3) Hedge accounting

As described in Note 21, SAS entered into firm purchase agreements denominated in foreign currency which are subject to the risk of fluctuation of fair values resulting from exchange rate changes. SAS recognized the higher risk it may be exposed to and therefore held foreign currencies to hedge starting from September 2010. As of December 31, 2010, details of hedged items designated as fair value hedges and their respective hedging against non-derivative financial instruments were as follows:

		i	Fair value of designated instrument for
Hedged item	Hedging instruments	_	hedging
Firm commitment	Foreign currencies	\$ _	2,261,891

(4) Forward exchange contract

As of December 31, 2011, the unexpired financial instrument contracts were as follows:

Buy	<u>Sell</u>	Nominal Amount	Contract Period	Fair Value
JPY	USD	USD 30,000	Oct. 31, 2011 ~ Jan. 31, 2012	\$ 22,824
JPY	USD	USD 40,000	Oct. 31, 2011 ~ Jan. 31, 2012	21,098
				\$ 43,922

The above derivative instruments are accounted for as financial assets measured at fair value—current, and unrealized gains (losses) resulting from change in fair value of derivative contracts recognized in earnings amounted to \$43,922 for the year ended December 31, 2011.

6. Notes and Accounts Receivable, Net

Notes and accounts receivable as of December 31, 2011 and 2010, were as follows:

	Dec	<u>ember 31,</u>
	2011	2010
Notes receivable	\$ 69,12	4 93,348
Accounts receivable	1,142,15	9 2,265,150
Less: allowance for doubtful accounts	(7,02)	<u>(1,687)</u>
	\$ <u>1,204,25</u>	<u>2,356,811</u>

Notes to Consolidated Financial Statements

7. Inventories, Net

The components of inventories as of December 31, 2011 and 2010, were as follows:

		December 31,		
	_	2011	2010	
Merchandise	\$	42,533	28,815	
Less: provision for devaluation		(330)	(627)	
•	_	42,203	28,188	
Finished goods	_	480,033	818,979	
Less: provision for devaluation		(61,773)	(33,392)	
•	_	418,260	785,587	
Work in process		143,970	76,029	
Less: provision for devaluation		(11,345)	(2,756)	
•	_	132,625	73,273	
Raw materials		569,313	836,100	
Less: provision for devaluation		(39,868)	(35,936)	
•	_	529,445	800,164	
Supplies		239,165	320,001	
Less: provision for devaluation		(26,385)	(21,068)	
•		212,780	298,933	
	\$ <u>_</u>	<u>1,335,313</u>	<u>1,986,145</u>	

In 2011 and 2010, the inventory write-downs to estimated net realizable values charged to costs of goods sold and inventories related expenses were as follows:

	_	2011	2010
Physical inventory loss (gain)	\$	(21)	544
Loss on inventory devaluation		49,633	20,735
Compensation for disaster			(7,330)
_	\$ <u>_</u>	49,612	<u>13,949</u>

8. Equity-Method Investments and Prepayments on Long-term Investment

		<u>December 31, 2011</u>		December 31, 2010	
<u>.</u>			Percentage		Percentage
Investee	-	Amounts	<u>of ownership</u>	Amounts	<u>of ownership</u>
Equity-Method Investments:					
Sunrise Global Solar Energy Corp.	\$	1,011,786	23.93%	1,061,409	24.16%
(SGSE)					
FreeSolar Corp.		827,795	41.88%		-
	\$	<u>1,839,581</u>		<u>1,061,409</u>	

Notes to Consolidated Financial Statements

	December 31, 2011		December 31, 2010		
Investee		Amounts	Percentage of ownership	Amounts	Percentage of ownership
Prepayments on long-term investment:					
FreeSolar Corp.	\$			<u>9,000</u>	
Investment income (loss) recognized by equity method, net	\$	<u>(121,609</u>)		<u>79,764</u>	

As SGSE launched a capital increase in September 2010, SAS increased its ownership interest in SGSE from 10% to 25.5%. Consequently, the investment in SGSE was accounted for under the equity method, and related investment income or loss was recognized. Additionally, the difference between the cost of investment and the underlying equity in SGSE's net assets which was attributable to amortized assets amounted to \$279,587. As of December 31, 2011 and 2010, SAS's ownership in SGSE was 23.93% and 24.16%, respectively, as a result of disproportionate participation in SGSE's equity change.

The movement of the difference between the investment cost and the underlying equity in SGSE's net assets which was attributable to amortized assets was as follows:

For the year ended December 31, 2011					
	Beginning balance	Additions	<u>Amortization</u>	Foreign currency translation	Ending balance
Amortized assets	\$ <u>274,748</u>		<u>(61,050</u>)		213,698
	For	the year ende	d December 31,	, 2010	
	Beginning balance	Additions	<u>Amortization</u>	Foreign currency translation	Ending balance
Amortized assets	\$	279,587	(4,839)		274,748

On November 29, 2010, SAS entered into a joint venture agreement with Solartech Energy Corp. and Sing Tung Investment Ltd. to co-establish Free Solar Corp., which was successfully registered on January 17, 2011.

Notes to Consolidated Financial Statements

9. Intangible Assets

Intangible assets as of December 31, 2011 and 2010, consisted of the following:

		For the year ended December 31, 2011					
	- -	Beginning balance	<u>Amortization</u>	Foreign currency translation	Ending balance		
Goodwill	\$	622,593	-	24,792	647,385		
Land use rights		9,102	(228)	885	9,759		
C	\$ <u></u>	631,695	(228)	25,677	657,144		
	_	For	the year ended	December 31, 20	010		
		Beginning balance	<u>Amortization</u>	Foreign currency translation	Ending balance		
Goodwill	\$	684,575	-	(61,982)	622,593		
Land use rights		9,972	(228)	(642)	9,102		
-	\$	694,547	(228)	(62,624)	631,695		

10. Short-term Borrowings

As of December 31, 2011 and 2010, details were as follows:

Decemb	December 31,		
2011	2010		
\$ <u>1,020,694</u> \$ 4 277 284	$\frac{221,769}{4,989,120}$		
1.54% to	1.61% to 1.80%		
	\$\frac{2011}{\$\frac{1,020,694}{4,277,284}}\$		

Refer to Note 18 for assets pledged as collateral to secure short-term borrowings.

Notes to Consolidated Financial Statements

11. Long-term Loans Payable

As of December 31, 2011 and 2010, details were as follows:

		Decem	ber 31
Financial institution	Redemption	2011	2010
Chang Hwa Bank (lead bank of syndicated loan)	Repayable quarterly in 17 installments starting from one year after the date of borrowing	\$ 900,000	1,500,000
Mega International Commercial Bank (lead bank of syndicated loan)	Repayable quarterly in 15 installments starting from 18 months after the date of		
	borrowing	1,440,000	2,044,000
E. Sun Bank	From June 15, 2009, to June 15, 2012, repayable quarterly, starting from September 15, 2010.	75,000	225,000
Fubon Bank	From December 29, 2011, to March 24, 2014, repayable monthly, starting from January 29, 2012	280,000	<u>-</u>
First Bank	From December 26, 2011, to March 23, 2014, repayable monthly, starting from January	400,000	
T	26, 2012	400,000	(1.276.000)
Less: current portion		(1,995,000) 1,100,000	(1,376,000) 2,393,000
Interest rate range		1.33% to 1.65%	1.62% to
Unused credit facility		\$\frac{1.05\%}{1,206,769}	1.65% 310,000

On March 12, 2008 the Company entered into an agreement for syndicated loan credit facilities of \$2,500,000 with Chang Hwa Bank and 7 other banks. These credit facilities contained covenants that required the Company, on its annual consolidated financial statements and semiannual consolidated financial statements, to maintain certain financial ratios such as current ratio, debt ratio, and interest coverage ratio, and a specific amount of net worth as specified in the loan agreement.

On December 18, 2008, the Company entered into an agreement for syndicated loan credit facilities of \$2,500,000 with Mega International Commercial Bank and 5 other banks. These credit facilities contained covenants that required the Company, on its annual consolidated financial statements and semiannual consolidated financial statements, to maintain certain financial ratios such as current ratio, debt ratio, and interest coverage ratio, and a specific amount of net worth as specified in the loan agreement.

Notes to Consolidated Financial Statements

If the Company does not maintain certain financial ratios as specified in the loan agreements, the Company should apply for a waiver, stating therein the reasons and measures to be taken, based on the loan agreements. The banks have the right to request repayment if the banks verify a breach of the loan agreement.

According to the loan agreements, a commitment fee is charged at an annual rate of 0.1% to 0.2% based on the committed-to-withdraw but unused balance, if any. As of December 31, 2011, the credit facilities had been withdrawn on schedule and no commitment fee was paid.

The Company was in compliance with the aforementioned financial covenants as of December 31, 2011 and 2010.

Refer to Note 18 for assets pledged as collateral to secure long-term loans payable.

12. Retirement Plans

The following table sets forth the defined benefit obligation and the amounts recognized related to SAS and its domestic subsidiaries' retirement plans.

	_	December 31,	
	_	2011	2010
Benefit obligation:			
Vested benefit obligation	\$	(15,148)	(22,584)
Non-vested benefit obligation	_	(54,386)	(61,866)
Accumulated benefit obligation		(69,534)	(84,450)
Additional benefits based on future salary increase	_	(17,184)	(21,692)
Projected benefit obligation		(86,718)	(106,142)
Fair value of plan assets	_	34,183	40,839
Funded status		(52,535)	(65,303)
Unrecognized net transition obligation		(6,700)	(1,414)
Unrecognized pension loss		35,201	42,870
Additional accrued pension liabilities	_	(18,843)	(22,592)
Accrued pension liabilities (included in other liabilities)	\$ _	<u>(42,877</u>)	<u>(43,611</u>)

The components of net periodic pension cost for 2011 and 2010 are summarized as follows:

		2011	2010
Defined benefit plan:	_		
Service cost	\$	385	1,790
Interest cost		475	1,851
Expected return on plan assets		(191)	(629)
Amortization and deferral		545	1,980
Net periodic pension cost		1,214	4,992
Defined contribution plan		43,355	33,347
Total	\$	44,569	38,339

Notes to Consolidated Financial Statements

As of December 31, 2011 and 2010, the vested benefit of employees meeting the Company's retirement requirements amounted to \$3,212 and \$28,425, respectively.

Significant underlying actuarial assumptions were as follows:

	December 31,	
	2011	2010
Discount rate	2.00%	2.00%
Rate of increase in future compensation levels	2.00%	2.00%
Expected long-term rate of return on plan assets	2.00%	2.00%

The total periodic pension costs of SST and GT which were recognized in accordance with their local regulations amounted to \$9,287 and \$6,813 for the years ended December 31, 2011 and 2010, respectively.

13. Stockholders' Equity

(1) Common stock

Pursuant to a stockholders' resolution on June 15, 2010, SAS increased its common stock by 21,399 thousand new shares through the capitalization of unappropriated earnings of \$209,738 and employee bonuses of \$27,000. The number of common shares issued through the capitalization of employee bonuses was 426 thousand shares, which was determined by the amount of employee bonuses divided by the closing price (after considering the effect of dividends) of the shares on the day preceding the stockholders' meeting. The issuance price for the shares was \$63.46 per share and aforementioned capital increase was approved by SFB on June 25, 2010. The date fixed for the capital increase was July 18, 2010. The registration procedures related to the capital increase were completed.

On September 9, 2010, the Company offered 61,000 thousand global depositary receipts (GDRs) on the Luxembourg Stock Exchange representing 61,000 thousand shares of common stock. Each GDR represents one share of the Company's common stock. The offering price was US\$2.9048 per GDR. The offering and issuance of the GDRs was authorized and approved by the ROC Securities and Futures Bureau (SFB) through its notice letter No. 0990041383 dated August 13, 2010. The total capital received from the offering of these GDRs amounted to US\$177,193 thousand on September 9, 2010, and the net proceeds thereof, after deducting the underwriting expense of US\$2,262 thousand, amounted to US\$174,931 thousand (equivalent to \$5,580,288). The issuance cost for the GDR offering was \$11,531. The paid-in capital in excess of par value of \$4,958,757 was recognized as "capital surplus".

On March 11, 2011, SAS's board of directors resolved to issue 20,107 thousand new shares in exchange for the common stock of Solartech Energy; please refer to the Note 5(1).

Notes to Consolidated Financial Statements

On June 27, 2011, SAS's board of directors resolved to issue 20,000 thousand new shares at \$60 per share. The capital increase in cash had previously been approved by FSC notice letter No. 1000032816. Later, considering the change in environment and recent fluctuation of the stock price, the issuance price was decreased to \$47 which was resolved by the special board of directors' meeting. The shares reserved for employee subscription were recognized as compensation cost amounting to \$15,900. The date fixed for the capital increase was October 14, 2011. The registration procedures related to the capital increase were completed.

Pursuant to a stockholders' resolution on June 17, 2011, SAS increased its common stock by 20,987 thousand new shares through the capitalization of unappropriated earnings of \$201,066 and employee bonuses of \$70,000. Within the issuance, the 880 thousand shares derived from the employee bonuses of \$70,000 were based on the ex-dividend price of \$79.52, and it was approved by the FSC on July 12, 2011. The date fixed for the capital increase was August 13, 2011. The registration procedures related to the capital increase were completed.

As of December 31, 2011 and 2010, the authorized capital of SAS was \$6,000,000 and \$5,000,000, respectively, of which \$200,000 was reserved for employee stock options, subscription warrants, and outstanding corporate bonds convertible into shares. As of December 31, 2011 and 2010, the issued capital was \$4,431,191 and \$3,820,256, respectively, with par value of \$10 per share.

(2) Employee stock option plans

In June 2010, the board of directors resolved to issue the First Employee Stock Option Plan in 2010 (the "Plan"), with 10,000,000 granted units. Each unit entitles a participant to subscribe 1 share of SAS's common stock. The contractual life is 6 years. The Plan was approved by the SFB on November 12, 2010 and officially granted on August 10, 2011.

In June 2004, the SFB approved SAS's plan to issue 10,000,000 units of employee stock options. Each unit entitles the holder to subscribe one common share of SAS, and the exercise period for the options is 6 years starting from the grant date. As of December 31, 2011, the outstanding employee stock option plans were as follows:

<u> Item</u>	Authoriza- tion date	Grant date	Vesting period	Issued units in thousands	Exercise price per share (\$)	Fair value per share on grant <u>date (\$)</u>	Adjusted exercise price per share (\$)
2004 first employee stock option plan	June 1, 2004	August 11, 2004	Service periods between two and four years	5,000	16.20	16.20	10.20

Notes to Consolidated Financial Statements

	Authoriza- tion date	Grant date	Vesting period	Issued units in thousands	Exercise price per share (\$)	Fair value per share on grant <u>date (\$)</u>	Adjusted exercise price per share (\$)
2004 second employee stock option plan	June 1, 2004	January 31, 2005	Service periods between two and four years	5,000	23.00	23.00	15.20
employee stock option plan	November 12, 2010	August 10, 2011	Service periods between two and four years	10,000	60.50	60.50	59.90

In the year ended December 31, 2010, 147 thousand units of SAS's employee stock options were exercised, and as of December 31, 2010, the abovementioned employee stock options issued in 2004 had been fully exercised. The registration procedures related to the issuance were completed.

For options granted in 2011, SAS recognized compensations cost of \$27,798 using the fair value method in accordance with SFAS No. 39 for the year ended December 31, 2011.

The fair value of the options granted in 2011 was estimated at the date of grant using the Black-Scholes option pricing model with the following weighted-average assumptions. The factors to account for share-based payments were as follows:

	2010 employee stock option plan
Expected dividend yield Expected volatility	3.6% 48.065%
Risk-free interest rate Remaining contractual life	1.2905% 6 years

Notes to Consolidated Financial Statements

A summary of the SAS's stock option plans and related information for the years ended December 31, 2011 and 2010, is as follows:

	201	1	2010		
Employee stock options	Options (thousands)	Weighted- average exercise price	Options (thousands)	Weighted- average exercise price	
Outstanding at beginning of year	-	-	147	14.38	
Options granted	10,000	60.50	-	-	
Options exercised	-	-	147	14.38	
Options forfeited (expired)		-		-	
Outstanding at end of year	<u> 10,000</u>	59.90		-	
Options exercisable at end of year	<u> </u>	-	<u> </u>	-	
Weighted-average fair value of employee stock options (dollars)	23.36		<u>1.20~1.60</u>		

The weighted-average market price per share of common stock was \$78.69 for the year ended December 31, 2010. The vested maturity dates of option plans authorized in 2004 were in 2008 and 2009; therefore, pro forma net income and pro forma earnings per share for the year ended December 31, 2010, were not disclosed.

(3) Capital surplus

The components of capital surplus consisted of the following:

	December 31,		
	2011	2010	
Additional paid-in capital	\$ 11,838,954	9,448,128	
Investments accounted for using equity method	70,777	-	
Treasury stock transactions	546	546	
Others	231,112	122,217	
	\$ <u>12,141,389</u>	9,574,891	

According to the revised ROC Company Act, effective from January 2012, capital surplus shall be used to offset accumulated deficits before it can be used to increase common stock or distribute cash dividends. The aforementioned capital surplus includes premium from issuing stock and donations received. Pursuant to the Regulations Governing the Offering and Issuance of Securities by Securities Issuers, the sum total of capital surplus capitalized per annum shall not exceed 10% of the issued capital.

Notes to Consolidated Financial Statements

(4) Legal reserve

According to the revised ROC Company Act, 10 percent of the annual earnings after payment of income taxes due and offsetting accumulated deficits, if any, shall be allocated as legal reserve until the accumulated legal reserve equals the issued common stock. When a company incurs no loss, it may, pursuant to a resolution to be adopted by a stockholders' meeting, distribute its legal reserve to stockholders by issuing new shares or by cash, and only the portion of legal reserve which exceeds 25 percent of the issued capital may be distributed.

(5) Distribution of earnings and dividend policy

According to SAS's articles of incorporation as revised on June 17, 2011, when allocating current year's net profits for each fiscal year, if any, they shall be distributed in the following order:

- (a) Offset prior year's operating losses;
- (b) Legal reserve at 10% of the profits left over, until the accumulated legal reserve equals SAS's issued capital;
- (c) Special reserve in accordance with relevant laws or regulations or as requested by authorities;
- (d) After deducting items (a), (b), and (c) above from the net current profits, bonus to directors of SAS of not more than 5% and profit sharing to employees of not less than 10%; the distribution of the remaining portion including the previous years unappropriated earnings, if any, will be recommended by the board of directors and resolved in the stockholders' meeting.

After considering both the long-term development of the business and the goal of stable growth of earnings per share, distribution of cash dividends should not be less than 50% of total dividends. If employee bonuses are paid in the form of stock subject to compliance with certain conditions, the stock dividends may be paid to SAS's affiliates' qualified employees as determined by the chairman of the board.

Pursuant to existing regulations promulgated by the Securities and Futures Bureau (SFB), SAS shall set aside special reserve equivalent to the net debit balance of the other components of stockholders' equity, and it shall be made from its after-tax earnings of the current year and unappropriated earnings. If the aforementioned special surplus is a debit account of cumulative stockholders' equity carried from previous periods, then an equal amount of such special surplus appropriated from previously undistributed earnings cannot be distributed until an offsetting amount appears in the debit account to stockholders' equity. Any special reserve appropriated may be reversed to the extent that the net debit balance reverses.

Notes to Consolidated Financial Statements

For the years ended December 31, 2011 and 2010, the employee bonuses and remuneration to directors and supervisors were based on SAS's net income for the years then ended, and after setting aside 10% as legal reserve and special reserve, the board of directors estimated the amount by taking into consideration SAS's articles of incorporation and previous average rates approved by stockholders' meetings. Accordingly, SAS recognized and accrued employee bonuses of \$0 and \$397,590 for the years ended December 31, 2011 and 2010, respectively. SAS also recognized remuneration to directors and supervisors of \$0 and \$53,012 for the years ended on December 31, 2011 and 2010, respectively. For employee stock bonuses, the distribution amount is determined by dividing the total approved bonus amount by the closing market price of SAS's stock one day prior to the approved date and considering the ex-dividend effect. However, if the amounts are modified by the stockholders' meeting in the following year, the adjustment will be treated as a change in accounting estimate and will be reflected in the consolidated statement of income in the following year.

The information on dividend per share, employee bonuses, and directors' and supervisors' remuneration allocated from earnings of 2010 and 2009 which were approved by the stockholders' meeting on June 17, 2011, and June 15, 2010, respectively, is as follows:

	_	2010	2009
Dividend per common share:	\$	5.00	1.00
Cash		0.50	0.70
Stock (at par value)	\$ _	<u>5.50</u>	<u>1.70</u>
Employee bonuses – stock	\$	70,000	27,000
Employee bonuses—cash		329,710	65,054
Directors' and supervisors' remuneration		53,295	12,274
- -	\$ _	<u>453,005</u>	104,328

The actual payments of employee bonuses and directors' and supervisors' remuneration determined by the board of directors and approved by the stockholders' meeting were \$450,602, which was \$2,403 different from the estimation. The difference is regarded as a change in accounting estimate and is reflected in the consolidated statement of income the year ended December 31, 2011.

The amount of employee bonuses and directors' and supervisors' remuneration of SAS for 2011 is subject to the recommendation of the board of directors and the approval of the stockholders. The related information on the board of directors' recommendation and stockholders' approval can be obtained from the Market Observation Post System.

Notes to Consolidated Financial Statements

14. Earnings per Share ("EPS")

The basic earnings per share and diluted earnings per share attributable to the stockholders of SAS for the years ended December 31, 2011 and 2010, were calculated as follows:

	_	20	11	20	2010	
		Before taxes	After taxes	Before taxes	After taxes	
	-	tunes	tunes	tunes	tuxes	
Basic earnings per share:						
Net income	\$	368,808	<u>428,706</u>	3,880,225	<u>3,568,609</u>	
Shares of common stock at beginning of						
year (thousand shares)		382,026	382,026	299,479	299,479	
Add: Issuance of new stock (thousand shares)		18,597	18,597			
Issuance of stockholders' stock		10,397	10,397	-	-	
dividends and employees stock						
bonus (thousand shares)		20,580	20,580	21,207	21,207	
Issuance of stock from exercise of				,_,	,,	
stock options (thousand shares)		-	_	135	135	
Issuance of global depository receipts						
(thousand shares)	_			19,052	19,052	
Weighted-average number of common						
shares outstanding	. =	421,203	<u>421,203</u>	<u>339,873</u>	<u>339,873</u>	
Basic earnings per common share (NT)	\$	0.88	<u> 1.02</u>	<u>11.42</u>	<u> 10.50</u>	
Basic earnings per common share (NT) –				40.00	40.00	
retroactively adjusted				\$ <u>10.88</u>	<u> 10.00</u>	
Diluted earnings per share:	ф	260,000	420 506	2 000 225	2.500.000	
Net income Effects of dilution:	\$	368,808	<u>428,706</u>	<u>3,880,225</u>	<u>3,568,609</u>	
Weighted-average number of common shares outstanding (thousand shares)		421,203	421,203	339,873	339,873	
Add: Potential dilution effects of common		721,203	421,203	337,013	337,013	
shares – exercise of stock options						
assumed at the time of issuance						
(thousand shares)		1,637	1,637	11	11	
Stock bonus compensation before						
approval by the stockholders'						
meeting (thousand shares)	-	405	405	5,300	5,300	
Diluted weighted-average number of		100.015	400.045	245 104	245 194	
common shares outstanding	ф <u>=</u>	423,245	423,245	<u>345,184</u>	<u>345,184</u>	
Diluted earnings per share (NT) Diluted earnings per share (NT) –	\$	0.87	<u> 1.01</u>	<u>11.24</u>	<u>10.34</u>	
retroactively adjusted				\$ <u>10.70</u>	9.85	
101104011701y adjusted				Ψ	7.03	

Notes to Consolidated Financial Statements

15. Income Taxes

Pursuant to the Regulations for Encouraging Manufacturing Enterprises and Technical Service Enterprises in the Newly Emerging, Important and Strategic Industries, SAS is entitled to elect appropriate tax incentives for exemption from corporate income taxes for five consecutive years based on subsequent capital increases for the purpose of manufacturing wafers and ingots of semiconductor materials. SAS spun off the related business and net assets to GlobalWafers and Sino Sapphire, and in accordance with the Business Mergers and Acquisitions Act, effective from October 1, 2011, partial tax incentives will be taken over by GlobalWafers and Sino Sapphire. As of December 31, 2011, the details of the Company's tax exemption due to the capital increase were as follows:

Successor	Year of investment	Tax exemption chosen	Approval by the Ministry of <u>Finance</u>	Tax exemption period
GlobalWafers	Increase in capital by capitalizing retained earnings and employee bonuses in 2003	Exemption from corporate income taxes for a five-year period	December 2004	2008~2012
SAS	Increase in capital by capitalizing retained earnings and employee bonuses in 2004	Exemption from corporate income taxes for a five-year period	November, 2005	2009~2013
SAS	Increase in capital by cash in 2005	Exemption from corporate income taxes for a five-year period	August, 2007	2007~2011
GlobalWafers	Increase in capital by capitalizing retained earnings and employee bonuses in 2005	Exemption from corporate income taxes for a five-year period	February, 2007	2010~2014
SAS	Capital increase by cash and by capitalizing retained earnings and employee bonuses in 2006	Exemption from corporate income taxes for a five-year period	August, 2008	2011~2015

Notes to Consolidated Financial Statements

Successor	Year of investment	Tax exemption chosen	Approval by the Ministry of Finance	Tax exemption period
Sino Sapphire	Increase in capital by capitalizing the retained earnings and employee bonuses in 2007	Exemption from corporate income taxes for a five-year period	February, 2009	Oct. 31, 2008~Nov. 30, 2013
SAS	Capital increase by cash and by capitalizing retained earnings and employee bonuses in 2008	Shareholder investment tax credits	Stockholders' investment credits approved on March 8, 2012	-
SAS	Capital increase by cash and by capitalizing retained earnings and employee bonuses in 2009	Shareholder investment tax credits	Notification to the authorities and related application under process	-

The income tax return of each consolidated entity is filed separately and is not consolidated with the Company.

The components of income tax expense for the years ended December 31, 2011 and 2010, were as follows:

		2011	2010
Current	\$	262,938	435,989
Deferred	_	(129,300)	80,164
	\$ _	133,638	<u>516,153</u>

Pursuant to the Income Tax Act as revised on May 27, 2009, the statutory income tax rate applicable to SAS was reduced from 25% to 20% starting from 2010. On June 15, 2010, pursuant to further revision of the Income Tax Act, the statutory income tax rate applicable to SAS was changed from 20% to 17% starting from 2010. The statutory tax of SAS and its domestic subsidiaries for year of 2011 and 2010 was 17%. Effective January 1, 2006, an alternative minimum tax ("AMT") in accordance with the Income Basic Tax Act ("IBTA") would be calculated. The tax rates for the foreign subsidiary companies are based on the tax law of each tax jurisdiction. The expected income tax calculated at the statutory tax rate was reconciled with income tax expense for the years ended December 31, 2011 and 2010, as follows:

Notes to Consolidated Financial Statements

	-	2011	2010
Income tax on pre-tax income at the statutory tax rate	\$	244,726	883,731
Estimated 10% surtax on unappropriated earnings		100,002	-
Income tax exemption		(17,000)	(154,040)
Tax effect of permanent differences		10,090	(21,720)
Investment tax credits		(726,190)	(50,163)
Change in valuation allowance and prior year's adjustment		522,010	(117,073)
Effect of tax rate adjustment	_		(24,582)
Income tax expense	\$	133,638	<u>516,153</u>

The components of deferred income tax assets (liabilities) as of December 31, 2011 and 2010, were as follows:

		December 31,		
		2011	2010	
Deferred income tax assets (liabilities) – current:	_			
Unrealized foreign currency exchange gain	\$	(3,381)	(830)	
Provision for inventory devaluation		21,105	14,698	
Investment tax credits		-	52,287	
Unrealized gain on financial liability valuation		(7,467)	-	
Others	_	938		
		11,195	66,155	
Less: Valuation allowance	_	(1,459)		
	\$ _	9,736	66,155	
Deferred income tax assets (liabilities) – non-current:				
Investment tax credits	\$	587,151	-	
Investment income recognized by equity method		(32,391)	(128,859)	
Impairment loss on financial assets carried at cost		3,657	24,835	
Foreign currency translation adjustment		(64,008)	16,595	
Provision for foreign investment		-	(76,217)	
Loss carryforward		12,887	-	
Others	_	(154,517)	(64,666)	
		352,779	(228,312)	
Loss: valuation allowance	_	(506,597)	(31,998)	
	\$ _	<u>(153,818</u>)	<u>(260,310</u>)	
Total deferred income tax assets	\$ _	<u>624,800</u>	<u>120,414</u>	
Total deferred income tax liabilities	\$ _	260,826	<u>282,571</u>	
Total valuation allowance	\$ _	<u>508,056</u>	31,998	

Notes to Consolidated Financial Statements

Pursuant to article 12 of the ROC Statute for Upgrading Industries, a company making foreign investments under the statute may set aside an amount up to 20% of the total outward investment as reserve to cover any investment loss when it occurs. In accordance with statements of Statute of Upgrading Industries, the investment loss recognition is based on the actual reduction on outward investments, and shall be subjected to the direct outward investees. In May, 2011, SAS transferred GT with its net asset value to GWI; accordingly, SAS has revised the aforementioned reserve and charged to net income for the year ended December 31, 2011.

According to the Industrial Innovation Act, the Company's investment credits from research and development expenditures can be deducted from the current income tax payable, subject to a maximum of 30% of current income tax payable. Based on the Industrial Innovation Act, the deduction of investment credits from the current-year income tax payable amounted to \$60,292 for the year ended December 31, 2011. Pursuant to the Statute for Upgrading Industries, tax credits from the purchase of machinery and research and development expenditure may be applied to offset income tax payable over a period of five years. The amount of tax credits available to be applied in any year is limited to 50% of the income tax payable for that year, except for the final year in which such tax credit expires. Furthermore, an application for investing in the Chunan branch submitted by SAS and its domestic subsidiary in 2005, which is in accordance with the tax ruling entitled "The rule on investment tax credits for investing in a county or township area with scanty natural resources or with slow development", completed the application process in April 2011. The tax-deductible amount is estimated as \$665,898 and can be used to reduce income tax throughout the coming five years, including the current year.

As of December 31, 2011, the Company's unused investment tax credits and related expiration years were as follows:

Year of assessment	Deductible period	Remaining credit
2010 (filed)	2010~2014	\$ <u>587,151</u>

According to the revised tax law, effective from January 2009, domestic subsidiaries' tax losses can be carried forward for ten years. As of December 31, 2011, unutilized accumulated loss and its expiry year were as follows:

Unutilized							
Period of loss	accumulated loss	Expiry year					
2011.10.1~2011.12.31	\$ <u>75,807</u>	2021					

Since GlobalWafers and Sino Sapphire are in their first year of establishment, they had not filed an income tax return as of December 31, 2011.

Notes to Consolidated Financial Statements

SAS's income tax returns for all fiscal years up to 2008 have been examined and approved by the R.O.C. Tax Authority.

Information related to the unappropriated earnings and the imputation credit account ("ICA") of SAS as of December 31, 2011 and 2010, is as follows:

		December 31,	
		2011	2010
Unappropriated earnings:			
Earned before January 1, 1998	\$	10,095	10,095
Earned after January 1, 1998	-	2,070,097	4,209,979
	\$	2,080,192	4,220,074
ICA balance	\$	135,800	<u>52,701</u>
Creditable ratio for earnings distribution to resident		12.77%	7.81%
stockholders		(estimated)	(actual)

16. Information on Financial Instruments

(1) Derivative financial instruments

There was no derivative financial instrument transaction by the Company in 2010. Please refer to note 5(1) for detailed information on derivative financial instrument transactions in 2011. For the year ended December 31, 2011, the Company recognized unrealized gain arising from changes in fair value of financial assets of \$43,922.

(2) Non-derivative financial instruments

As of December 31, 2011 and 2010, except for certain financial assets and liabilities identified below, the carrying amounts of financial instruments approximated their fair value.

	December 31,			
	2011	[2010)
	Book value	Fair value	Book value	Fair value
Financial assets:			<u> </u>	
Financial assets at fair value through \$ profit or loss – current	43,922	43,922	-	-
Financial assets carried at cost	1,904,118	see (3)(d) below	1,481,649	see (3)(d) below
Off-balance-sheet financial instruments:				
Letters of credit	-	-	-	104,606
Guarantee	-	956,690	-	853,495

Notes to Consolidated Financial Statements

- (3) Methods and assumptions used to estimate fair values of financial instruments:
 - (a) Fair values of financial assets and liabilities at fair value through profit or loss are based on quoted market prices, and if available market quotes are not immediately available, the fair values of those financial instruments are determined using valuation techniques incorporating estimates and assumptions that are consistent with prevailing market conditions.
 - (b) The Company's non-derivative financial assets and liabilities with short-term maturities include notes and accounts receivable (including related parties), other current financial assets, short-term borrowings, accrued salary, and other current liabilities whose carrying amounts approximate their fair value due to their short maturities.
 - (c) The fair value of available-for-sale financial assets is determined based on the active market quoted price if it is available.
 - (d) Financial assets measured at cost, whose fair values are not practically determinable because they are not traded in an active public market, are carried at cost. Refer to note 5 for details.
 - (e) The fair value of other non-current financial assets, such as refundable deposits for operating use and restricted time deposits, was estimated based on the present value of expected cash flows, which approximates their carrying amounts.
 - (f) The fair value of long-term loans payable bearing a floating rate approximates the carrying value.
 - (g) The fair value of off-balance-sheet financial instruments was estimated based on the contract price.
- (4) The fair values of financial assets and liabilities evaluated by the Company using active market quotations or valuation techniques were as follows:

	December 31,			
	201	1	201	0
	Active market quotation	Valuation technique	Active market quotation	Valuation technique
Financial assets:				
Cash	\$ 4,532,226	-	7,070,626	-
Financial assets at fair value through profit or loss – current	-	43,922	-	-
Available-for-sale financial assets – non-current	1,054,168	-	381,019	-

Notes to Consolidated Financial Statements

	December 31,			
	201	1	201	10
	Active market quotation	Valuation technique	Active market quotation	Valuation technique
Notes and accounts receivable (including related parties)	-	1,302,355	-	2,656,492
Other financial assets – current	-	14,237	-	25,106
Other financial assets - non-current	-	19,590	-	4,542
Financial liabilities:				
Short-term borrowings	-	1,020,694	-	221,769
Notes and accounts payable (including related parties)	-	600,770	-	1,734,724
Accrued salary and bonuses	-	225,562		774,436
Accrued expenses and other current liabilities	-	470,778	-	930,163
Long-term loans payable (including current portion)	-	3,095,000	-	3,769,000

(4) Financial risk information

(a) Market price risk

The Company entered into the derivative instruments transaction to hedge committed foreign-currency liabilities' exchange rate fluctuations. Therefore, the market exchange rate risk of these derivatives will be offset by the foreign exchange risk of these hedged items. Financial assets and liabilities denominated in foreign currency and publicly traded available-for-sale financial assets held by the Company are measured at fair value; hence, the Company would exposure to the risk of fluctuations in market interest rates and market prices will result in changes in fair values of these equity securities.

(b) Credit risk

The Company's potential credit risk is derived primarily from cash and accounts receivable. The Company maintains its cash in various creditworthy financial institutions. Credit risk exposure to each financial institution is controlled by the Company. As a result, the Company believes that there is no concentration of credit risk for cash.

Notes to Consolidated Financial Statements

The main customers of the Company belong to the silicon wafer and related industries. It is a normal practice of the Company to provide customers with a credit limit according to their credit evaluations. Therefore, the credit risk of the Company is mainly influenced by the silicon wafer industry. As of December 31, 2011 and 2010, 40% and 52%, respectively, of the Company's accounts receivable (including related parties) arose from the top 10 customers. Although there is a potential for concentration of credit risk, the Company routinely assesses the collectability of the accounts receivable and provides a corresponding allowance for doubtful accounts.

(c) Liquidity risk

The Company has sufficient capital and working capital to reduce the risk of being unable to fulfill contract obligations. As there is no active market for financial assets carried at cost, the Company is exposed to liquidity risk thereon.

(d) Cash flow interest rate risk

The Company's short-term and long-term borrowings bear floating interest rates. As a result, the Company is exposed to fluctuation in interest rates that affects cash flows for interest payments on these borrowings. At December 31, 2011 and 2010, if interest rates increased by 0.25%, the future annual interest expense would increase by \$8,289 and \$9,977, respectively.

17. Related-party Transactions

(1) Names and relationships of related parties with significant transactions with the Company were as follows:

Name of related party	Relationship with the Company
Actron Technology Corporation (ATC)	SAS's chairman of the board of directors is the same as ATC's
Sunrise Global Solar Energy Corporation (SGSE)	Equity investee (note 1)
Sinosolar Corporation	Equity investee
Solartech Energy Corporation (Solartech)	An SAS director (note 2)
Directors, supervisors, president and vice president	The Company management team

- Note 1: On September 17, 2010, SGSE became an equity investee of SAS, and the transactions with SGSE starting from September 17, 2010, were disclosed accordingly.
- Note 2: On June 17 2011, after re-election of directors, Solartech Energy became a legal director of SAS, and the transactions between SAS and Solartech are disclosed as related-party transactions.

Notes to Consolidated Financial Statements

(2) Significant transactions with related parties

(a) Sales and accounts receivable

Net sales to related parties for the years ended December 31, 2011 and 2010, were as follows:

	2011		2010	
	Amount	Percentage of net sales	Amount	Percentage of net sales
SGSE	\$ 593,356	3	397,083	2
Solartech	461,325	3	-	-
ATC	350,720	2	383,341	2
	\$ 1,405,401	8	780,424	4

The selling prices for sales to related parties were determined by the products' specifications, which were not comparable with those of other customers. The credit terms for the related parties were between month-end 35 days and next month-end 60 days and month-end $60\sim150$ days during 2011 and 2010, respectively, while the terms for third parties were month-end $0\sim120$ days for the years 2011 and 2010.

As of December 31, 2011 and 2010, accounts receivable resulting from sales to related parties were as follows:

	_	December 31,			
		201	11	201	10
	-	Amount	Percentage of total receivables	Amount	Percentage of total receivables
ATC Solartech	\$	94,932 3,142	7	152,934	6
SGSE	\$ <u>_</u>	98,074	<u> </u>	146,747 299,681	<u>5</u> <u>11</u>

Furthermore, in order to maintain a stable supply of material, SGSE and Solartech have both signed long-term supply contracts with SAS. As of December 31, 2011 and 2010, revenue received in advance for sales resulting from the aforementioned related parties were as follows:

		December 31,		
		2011	2010	
Solartech	\$	1,177,531	-	
SGSE		310,360	324,660	
	\$	<u>1,487,891</u>	<u>324,660</u>	

Notes to Consolidated Financial Statements

(b) Purchases and accounts payable

Purchases from related parties for the years 2011 and 2010 were as follows:

	201	1	2010		
	Amount	Percentage of net purchases	Amount	Percentage of net purchases	
Solartech	44,342	_	_		
SGSE	34,828				
	\$ <u>79,170</u>				

As inventory procurement from related parties is different from third parties, no comparable prices existed. The payment terms of related parties were month-end 45 days and month-end 45~120 days during 2011 and 2010, respectively, while the terms of third parties were month-end 0~120 days for the years in 2011 and 2010.

As of December 31, the payables generated from the above transactions had been settled.

(c) Others

As of December 31, 2011, the unsettled receivables from related parties due to the advance for FreeSolar amounted to \$25.

On January 21, 2011, SAS entered into a technology and patent cross-licensing contract with SGSE. The cross licensing period of the contract is a three years, effective from January 21, 2011, and SGSE is obligated to pay a royalty. Income from the royalty during 2011 was \$20,000 and was recorded as service revenue and others. As of December 31, 2011, the related royalty generated from the aforementioned transaction had been collected.

(3) Compensation of the principal management team

For the years ended December 31, 2011 and 2010, the compensation to the principal management team, including all directors and supervisors, the president, and the vice president, was as follows:

	_	2011	2010
Salaries	\$	31,309	34,301
Compensation		-	1,909
Service charges		15,174	37,629
Employee bonuses		-	119,600
•	\$ _	46,483	193,439

The above amounts include the accruals for remuneration to directors and supervisors, and for employee bonuses; please refer to the section "stockholders' equity" for further details.

Notes to Consolidated Financial Statements

18. Pledged Assets

Assets pledged as collateral as of December 31, 2011 and 2010, were as follows:

			December 31,		
Pledged assets	Purpose of pledge	2011	2010		
Buildings and	Short-term borrowings and long-				
improvements	term loans payable	\$	1,908,261	2,057,835	
Machinery and equipment	Long-term loans payable		1,133,939	1,546,999	
Machinery	Revenue received in advance		185,275	152,330	
Land use rights	Short-term borrowings		1,448	9,102	
Time deposits (recorded in other financial assets —	Guarantee for the leasing contract of the land owned by the Hsinchu				
non-current)	Science and Industrial Park		2,747	-	
Time deposits (recorded in other financial assets —	Guarantee for customs duty				
non-current)			7,000	-	
Time deposits (recorded in other financial assets —	Guarantees for solar energy system demonstration				
non-current)			246	246	
		\$	3,238,916	3,766,512	

19. Commitments and Contingencies

Aside from those matters discussed in notes 10 and 11, the commitments and contingencies were as follows:

- (1) As of December 31, 2011 and 2010, the Company had outstanding letters of credit of \$0 and \$104,606, respectively.
- (2) Effective 2005, SAS has entered into several non-cancelable long-term material supply agreements with suppliers of silicon. The suppliers agree to ship silicon according to the agreements' quantity and purchase price from January 1, 2006, to December 31, 2019. The prepayments for materials were non-refundable, non-cancelable, and paid by SAS on the schedule stipulated in the contract. The materials supply is guaranteed by the suppliers. In addition, due to the economic downturn, the market prices of raw materials of silicon fluctuated rapidly. Therefore, SAS negotiated with some raw material suppliers for the revision of the agreements with regard to the individual purchase prices based on market conditions. As of December 31, 2011, the materials for future delivery from suppliers under the current effective agreement were as follows:

	December 31, 2011 (In thousands)
USD	\$ <u>709,126</u>
EUR	\$ <u>118,481</u>

Notes to Consolidated Financial Statements

In addition, SAS also entered into several non-cancelable long-term sales agreements with polysilicon purchasers. According to these agreements, from January 1, 2006, to December 31, 2019, the purchasers agree to make prepayments, and SAS is obligated to deliver the product on the schedule stipulated in the contracts. Also, if SAS defaults on the delivery schedule, SAS has to offer sales discounts or compensation ranging from one and a half times to four times the undelivered products' applicable prepayments. However, SAS is required to refund the prepayments if SAS delays the delivery for three months. Additionally, due to the economic downturn, which caused a decline in demand, solar battery purchasers attempted to negotiate with SAS to reduce the wafer prices. SAS agreed to revise the agreements with pricing based on market conditions at that time. As of December 31, 2011, the amounts of future product delivery under current effective sales agreements were as follows:

	December 31, 2011 (In thousands)
USD	893,643
EUR	235,932
NTD	5,189,633

- (3) GT has entered into several sales prepayment agreements with customers. According to these agreements, from October 2011 to December 2012, the customers agree to make prepayments and purchase a minimum volume on a quarterly basis, and accordingly, GT is obligated to supply a minimum production volume. Furthermore, if the customers meet the minimum quarterly procurement, GT is obligated to return the amount received in advance.
- (4) As of December 31, 2011 and 2010, the significant outstanding commitments for construction and purchase of property, plant and equipment amounted to \$10,526 and \$495,309, respectively.
- (5) As of December 31, 2011 and 2010, the Company had issued promissory notes of \$3,234,318 and \$3,739,960, respectively, as collateral for bank loans.
- (6) In order to help the subsidiaries to get financing from banks, the Company provided guarantees to the banks in favor of those subsidiaries. The details of these guarantees as of December 31, 2011 and 2010, were as follows:

		December 31,		
		2011	2010	
		(In thousan	ds of USD)	
SSTI	\$	13,600	16,600	
GT	_	18,000	12,000	
	\$:	31,600	<u>28,600</u>	

Notes to Consolidated Financial Statements

- (7) In May 2005, MEMC Southwest Inc. filed a lawsuit against GT in US District Court in Texas, United States. MEMC Southwest Inc. claimed that GT had hired a former employee of MEMC Southwest Inc. who illegally utilized the confidential business information of MEMC Southwest Inc. As of the issue date of the consolidated financial report, GT has vigorously contested every aspect of this, and management believes GT is not guilty of any of MEMC's allegations.
- (8) GT has entered into an agreement with Sherman Economic Development Corporation ("SEDCO") in 2011. In the agreement, GT committed to increase capital expenditures by US\$18,200 thousand at the Sherman, Texas, facility. SEDCO will then grant to GT a total of US\$910 thousand in government grants during 2012.
- (9) SAS entered into a land lease agreement with the Hsinchu Science Park Administration for the plant located at the Hsinchu site of the Hsinchu Science Park. The land lease agreement covers the period from October 1, 2000, to December 31, 2020. According to the lease agreement, rent is subject to adjustment based on the current land value which is announced by the government. The annual rent is approximately \$2,616. The rent contract was transferred to GlobalWafers starting from October 1, 2011. The rent term is from October 2011 to December 31, 2020, 9 years in total. The rent is subject to the regulated land price and is about \$2,747 per year.

SAS entered into a land lease agreement with the Hsinchu Science Park Administration for the plant located at the Chu-Nan site of the Hsinchu Science Park. The land lease agreement covers the period from March 17, 2005, to December 31, 2027. According to the lease agreement, rent is subject to adjustment based on the current land value which is announced by the government. The annual rent is approximately \$3,926.

SAS entered into a car lease agreement with HOTAL Leasing Corporation for a car intended for business use. The lease covers the period from December 2010 to December 2013. The annual rent is approximately \$756.

As of December 31, 2011, minimum lease commitments in future years under the current operating lease agreements were as follows:

	Amount
January 2012 to December 2016	\$ 21,261
January 2017 to December 2027	37,291
•	\$ 58,552

20. Significant Disaster Loss: None.

21. Subsequent Events

In order to acquire the ownership of the semiconductor business of the Japanese company Covalent, SAS signed a joint loan with Citibank and 11 other banks. The credit facility amount is \$9,000,000 and had not been used as of the report date.

Notes to Consolidated Financial Statements

22. Other Information

(1) The personnel expenses, depreciation, and amortization, categorized by function, for the years ended December 31, 2011 and 2010, were as follows:

	2011			2010			
	Cost of	Operating		Cost of	Operating		
Account	goods sold	expenses	<u>Total</u>	goods sold	expenses	<u>Total</u>	
Personnel expenses:							
Salaries	\$1,123,129	307,465	1,430,594	1,028,731	608,928	1,637,659	
Labor and health	102,050	18,033	120,083	72,447	11,858	84,305	
insurance							
Pension	43,711	10,145	53,856	37,679	7,473	45,152	
Others	71,964	11,030	82,994	75,034	9,728	84,762	
Depreciation	1,666,947	94,703	1,761,650	1,303,626	113,659	1,417,285	
Amortization	1,631	4,567	6,198	653	3,788	4,441	

The salary expense for the years ended December 31, 2011 and 2010, includes employee bonuses and remuneration of directors and supervisors of \$0 and \$450,602, respectively.

- (2) SAS has provided a reserve for loss on outward investment, in accordance with the "Statute for Upgrading Industries". This reserve was computed at 20% of the total amount of outward investment, which is the limit stipulated by the "Statute for Upgrading Industries". The statute also stipulates that if there are no actual losses within five years after the initial provision of this reserve, the loss reserve should be reversed and recognized as revenue in the sixth year. However, as such reserve does not conform to accounting principles generally accepted in the Republic of China, the loss reserve is reversed during the preparation of the financial statements, but the Company does not adjust the books. Accordingly, retained earnings on the Company's books were decreased by \$0 and \$448,334 as of December 31, 2011 and 2010, respectively.
- (3) The significant financial assets and liabilities in foreign currency were as follows (in thousands):

	December 31,						
		2011			2010		
	Foreign currency	Exchange rate	NTD	Foreign currency	Exchange rate	NTD	
Financial assets Monetary Items							
USD	96,020	30.275	2,907,006	158,072	29.130	4,604,637	
JPY	1,367,739	0.3906	534,239	668,281	0.3582	239,378	
RMB	61,257	4.807	294,462	163,311	4.383	715,792	
EURO	572	39.18	22,411	4,914	38.920	191,253	

Notes to Consolidated Financial Statements

	December 31,						
		2011		2010			
	Foreign currency	Exchange rate	NTD	Foreign currency	Exchange rate	NTD	
Financial liabilities Monetary Items							
USD	37,156	30.275	1,124,898	13,696	29.130	398,964	
JPY	394,310	0.3906	154,017	253,316	0.3582	90,738	
RMB	17,759	4.807	85,368	77,583	4.383	340,046	
EURO	-	39.18	-	3,436	38.920	133,729	

23. Segment Information

(1) General information and industrial information

There are three segments that need to be reported: The semiconductor business unit (Semi), the solar energy business unit (Solar) and the optoelectronic business unit (Opto). The main operations of Semi are R&D, manufacturing, and sales of silicon materials, and the main products are siliconrelated components. The main operations of Solar are R&D, manufacturing, and sales of silicon materials used in generating solar energy and the main products are solar energy-related components. The main operations of Opto are R&D, manufacturing, and sales of optoelectronic materials, and the main products are optoelectronic-related components

(2) Segment information

The Company does not allocate non-operating income (loss) and tax expense (profit) to reportable segments. The reported amount is in accordance with the reports used by the decision maker of the operation. The accounting policies used by the operating segment are the same as those of the Company. The performance of the segments is evaluated by sales and operating profit.

Information on and adjustments for the segments are as follows:

			2011		
	Semi	Solar	Opto	Adj.	Total
Revenue					
From outsiders	\$ 5,029,268	11,799,986	719,809	-	17,549,063
Inter-segment	50,175		16,131	(66,306)	
Total revenue	\$ <u>5,079,443</u>	<u>11,799,986</u>	<u>735,940</u>	<u>(66,306</u>)	<u>17,549,063</u>
Segment profit (loss)	\$ <u>1,273,276</u>	<u>(410,512</u>)	<u>(84,636</u>)	(23,479)	<u>754,649</u>
Depreciation and					
amortization	\$ <u>503,442</u>	<u>1,127,396</u>	<u>137,010</u>		<u>1,767,848</u>
Segment assets	\$ <u>9,492,494</u>	<u>19,067,273</u>	<u>1,653,575</u>	<u>(2,626,053</u>)	27,587,289
Long-term equity investment					1,839,581
Total assets				;	\$ <u>29,426,870</u>

Notes to Consolidated Financial Statements

		2010				
	Semi	Solar	Opto	Adj.	Total	
Revenue						
From outsiders	\$ <u>2,878,157</u>	19,196,927	453,618		22,528,702	
Segment profit (loss)	\$_1,623,040	2,657,192	(15,765)		4,264,467	
Depreciation and						
amortization	\$ <u>387,308</u>	<u>999,476</u>	<u>34,942</u>		<u>1,421,726</u>	
Segment assets	\$				29,869,193	
Long-term equity investment					<u>1,061,409</u>	
Total assets					\$ <u>30,930,602</u>	

Note: In order to conduct corporate restructuring and specialization, and enhance competitiveness and operating performance, the board of directors of SAS had resolved that the semiconductor business and optoelectronic business would be spun off to form GlobalWafers and Sino Sapphire, respectively. The spin-off date was October 1, 2011, from which date there should be three reporting segments: Semi, Solar and Opto. However, it is impractical to obtain the related information to re-report the assets of the segments on December 31, 2010. As a result, the comparative financial information is not disclosed.

(3) General information

(a) Information by product and service

		2010
Solar energy ingot	\$ 509,497	1,276,937
Solar energy chip	11,456,296	14,534,852
Semiconductor ingot	33,729	15,637
Semiconductor chip	4,779,782	6,252,606
Sapphire chip	737,933	448,670
Others	31,826	
	\$ <u>17,549,063</u>	22,528,702

(b) Geographical information

Sales to customers classified by location of customers is as follows, within which revenue is recognized based on the location of the customer and noncurrent assets are recognized based on the location of asset.

Notes to Consolidated Financial Statements

I Revenue from third parties:

2010
250,288
524,675
088,558
998,722
514,047
152,412
<u>528,702</u>
2010
334,441
51 15 52 33

Taiwan \$ 12,045,990 12,334,441 China 1,152,778 688,807 United States 2,609,761 1,792,894 \$ 15,808,529 14,816,142

(c) Information on significant customers

Significant information on customers that account for more than 10% of net sales:

	2011	2010
Solartech	\$ <u>2,163,382</u>	2,581,032