# nissha

## Consolidated Financial Results for the Six Months Ended September 30, 2017 [Japanese GAAP]

November 8, 2017

Company name: Nissha Co., Ltd. Stock exchange listing: Tokyo Stock Exchange Code number: 7915 URL: http://www.nissha.com/english Representative: Junya Suzuki, President and CEO, Chairman of the Board Contact: Hayato Nishihara, Senior Executive Vice President, CFO, Member of the Board Phone: +81-75-811-8111 Scheduled date of filing quarterly securities report: November 10, 2017 Scheduled date of commencing dividend payments: December 1, 2017 Availability of supplementary briefing material on quarterly financial results: Available Schedule of quarterly financial results briefing session: Scheduled (conference call for institutional investors)

(Amounts of less than one million yen are rounded down) 1. Consolidated Financial Results for the Six Months Ended September 30, 2017 (April 1, 2017 to September 30, 2017)

(1) Consolidated Operating Results (cumulative) (% indicates changes from the previous corresponding period)

|  | Net sales   | 5    | Operating pr | rofit | Ordinary pro | ofit | Profit attributal<br>owners of par |   |
|--|-------------|------|--------------|-------|--------------|------|------------------------------------|---|
|  | Million yen | %    | Million yen  | %     | Million yen  | %    | Million yen                        | % |
| Six months ended<br>September 30, 2017 | 95,015      | 84.0 | 1,839        | _     | 2,216        | —    | 1,841                              | _ |
| Six months ended<br>September 30, 2016 | 51,648      | 0.3  | (1,037)      | —     | (3,433)      | _    | (4,172)                            | _ |

(Note) Comprehensive income: Six months ended September 30, 2017: ¥7,408 million (-%) Six months ended September 30, 2016: ¥(5,672) million (-%)

|  | Basic earnings per share | Diluted earnings per<br>share |
|--|--------------------------|-------------------------------|
|  | Yen                      | Yen                           |
| Six months ended<br>September 30, 2017 | 38.88                    | 35.38                         |
| Six months ended<br>September 30, 2016 | (96.92)                  | _                             |

(Note) Effective from the fiscal year ending December 31, 2017, the Company changed the fiscal year end date from March 31 to December 31 as a unified fiscal year end date for the Nissha Group. Prior to this change, profits and losses of the Company and domestic consolidated subsidiaries from April 1, 2016 to September 30, 2016 and profits and losses of overseas consolidated subsidiaries from January 1, 2016 to June 30, 2016 were previously consolidated into the consolidated statements of operations for the six months ended September 30, 2016 respectively. However, as a result of the above change, profits and losses of the Company and all consolidated statements of operations for the period from April 1, 2017 to September 30, 2017 were consolidated into the consolidated statements of operations for the six months ended September 30, 2017 are adjusted in retained earnings.

(2) Consolidated Financial Position

|                          | Total assets | Net assets  | Equity ratio |
|--------------------------|--------------|-------------|--------------|
|                          | Million yen  | Million yen | %            |
| As of September 30, 2017 | 222,984      | 84,975      | 38.0         |
| As of March 31, 2017     | 182,670      | 74,606      | 40.7         |

(Reference) Equity: As of September 30, 2017: ¥84,753 million As of March 31, 2017: ¥74,380 million

#### 2. Dividends

|   | Annual dividends |                 |                 |          |       |  |  |
|---|------------------|-----------------|-----------------|----------|-------|--|--|
|   | 1st quarter-end  | 2nd quarter-end | 3rd quarter-end | Year-end | Total |  |  |
|   | Yen              | Yen             | Yen             | Yen      | Yen   |  |  |
| Fiscal year ended<br>March 31, 2017                   | _                | 15.00           | _               | 15.00    | 30.00 |  |  |
| Fiscal year ending<br>December 31, 2017               | _                | 15.00           |                 |          |       |  |  |
| Fiscal year ending<br>December 31, 2017<br>(Forecast) |                  |                 | _               | 15.00    | 30.00 |  |  |

(Note) Revision of cash dividend forecast: No

## 3. Consolidated Financial Results Forecast for the Fiscal Year Ending December 31, 2017 (April 1, 2017 to December 31, 2017)

(% indicates changes from the previous corresponding period)

|           | Net sales   |   | Operating p | rofit | Ordinary p  | rofit | Profit attribute to owners of |   | Basic<br>earnings per<br>share |
|-----------|-------------|---|-------------|-------|-------------|-------|-------------------------------|---|--------------------------------|
|           | Million yen | % | Million yen | %     | Million yen | %     | Million yen                   | % | Yen                            |
| Full year | 140,000     | — | 5,500       | _     | 5,100       | —     | 4,500                         | _ | 96.48                          |

(Note) Revision of consolidated financial results forecast: No

Effective from the fiscal year ending December 31, 2017, the Company changed the fiscal year end date from March 31 to December 31 as a unified fiscal year end date for the Nissha Group. In line with this change, the fiscal year ending December 31, 2017, which is a nine-month period from April 1, 2017 to December 31, 2017, serves the transitional period for the change in the fiscal year end date and therefore the figures of the Consolidated Financial Results Forecast for the Fiscal Year Ending December 31, 2017 above show the forecasts for that nine-month period. Accordingly, figures indicating changes from the previous corresponding period are not provided in the above table.

[Reference: Consolidated financial results for the nine months ended December 31, 2016]

As mentioned above, since this term is a nine-month period from April 1, 2017 to December 31, 2017, the following table describes the consolidated financial results for the nine months ended December 31, 2016 (April 1, 2016 to December 31, 2016), for reference.

|  | Net sales | Operating profit | Ordinary profit | Profit attributable to<br>owners of parent |
|--|-----------|------------------|-----------------|--|
| Nine months ended December<br>31, 2016 (April 1, 2016 to<br>December 31, 2016) | 81,839    | (1,630)          | (2,272)         | (3,355)                                    |

#### Notes:

- (1) Changes in significant subsidiaries during the period under review: No
  (Changes in specified subsidiaries resulting in changes in scope of consolidation):
  New: (
  ), Exclusion: (
- (2) Adoption of special accounting treatment for preparing quarterly consolidated financial statements: Yes (Note) For details, please see "2. Consolidated Financial Statements and Principal Notes (4) Notes to consolidated financial statements (Adoption of special accounting treatment for preparing quarterly consolidated financial statements)" on page 13 of the appendix.
- (3) Changes in accounting policies, changes in accounting estimates, and restatements
  - 1) Changes in accounting policies due to the revision of accounting standards: No
  - 2) Any changes other than 1) above: No
  - 3) Changes in accounting estimates: No
  - 4) Restatements: No
- (4) Total number of issued shares (common stock)
  - 1) Total number of issued shares at the end of the period (including treasury shares):

|    | As of September 30, 2017                     | 49,044,872 shares   |
|----|--|---------------------|
|    | As of March 31, 2017                         | 46,822,153 shares   |
| 2) | Total number of treasury shares at the end o | f the period:       |
|    | As of September 30, 2017                     | 172,064 shares      |
|    | As of March 31, 2017                         | 179,902 shares      |
| 3) | Average number of shares during the period   | (cumulative total): |
|    | Six months ended September 30, 2017          | 47,367,823 shares   |
|    | Six months ended September 30, 2016          | 43,054,668 shares   |
|    |  |                     |

\* This report on consolidated financial results is exempted from quarterly review procedures.

\* Explanation of the proper use of financial results forecast and other notes

The performance forecasts and other forward-looking statements contained in this report are based on information available to the Company on the date of this report's release and certain premises that the Company deems to be reasonable. Therefore, the Company has not prepared these descriptions with intent to commit to realize them. Actual results, etc. may differ from the forecasts, however, as a consequence of various factors in the future. For details on the premises of the performance forecasts of the Company and the points to note when using the performance forecasts, please see "1. Qualitative Information on Consolidated Financial Results for the Period under Review (3) Explanation of consolidated operating results forecast and other forecast information" on page 6 of the appendix.

We are scheduled to hold a conference call for institutional investors on Wednesday, November 8, 2017. Reference materials to be used at the conference call are scheduled to be posted on our website on that day, as well.

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#### 1. Qualitative Information on Consolidated Financial Results for the Period under Review

Effective from the fiscal year ending December 31, 2017, the Company changed the fiscal year end date from March 31 to December 31 as a unified fiscal year end date for the Nissha Group. Prior to this change, profits and losses of the Company and domestic consolidated subsidiaries from April 1, 2016 to September 30, 2016 and profits and losses of overseas consolidated subsidiaries from January 1, 2016 to June 30, 2016 were previously consolidated into the consolidated statements of operations for the six months ended September 30, 2016 respectively. However, as a result of the above change, profits and losses of the Company and all consolidated subsidiaries for the period from April 1, 2017 to September 30, 2017 were consolidated into the consolidated statements of operations for the six months ended into the consolidated statements of operations 30, 2017 were consolidated into the consolidated statements of operations 30, 2017 were consolidated into the consolidated statements of operations for the six months ended into the consolidated statements of operations for the six months ended into the consolidated statements of operations for the six months ended into the consolidated statements of operations for the six months ended into the consolidated statements of operations for the six months ended September 30, 2017.

Profits and losses of the overseas consolidated subsidiaries and others for the period from January 1, 2017 to March 31, 2017 are adjusted in retained earnings and the related cash flows are adjusted in cash and cash equivalents at beginning of period.

#### (1) Explanation of operating results

Reflecting on the global economy in the six months ended September 30, 2017, the United States saw ongoing recovery thanks primarily to increased consumer spending and improved employment conditions. In Europe, there remained uncertainty for the future attributable to Brexit and other factors but the economy gradually recovered. In Asia, the economies of emerging countries such as China showed signs of recovery. As for Japan, the economy held steady on an ongoing moderate recovery trend but due consideration must be given to uncertainty over overseas economies, foreign exchange fluctuations and other factors.

The Nissha Group is pursuing growth by reorganizing and optimizing its business portfolio in the Fifth Mediumterm Business Plan starting from April 1, 2015. The Nissha Group continues to expand business opportunities in the consumer electronics (IT) field and is accelerating business developments in fields where stable growth on a global scale is expected, such as automotive components and medical devices and consumables. During the six months ended September 30, 2017, in addition to an expansion in demand for large-scale projects in the mainstay Devices business segment, demand for automotive components and medical devices and consumables, both of which are designated as priority fields, progressed steadily.

As a result, the net sales for the six months ended September 30, 2017 reached a record high of \$95,015 million, (an increase of 84.0% as compared to the same period of the previous year). For income, operating profit was \$1,839 million (operating loss of \$1,037 million in the same period of the previous year), ordinary profit was \$2,216 million (ordinary loss of \$3,433 million in the same period of the previous year), and profit attributable to owners of parent was \$1,841 million (loss attributable to owners of parent of \$4,172 million in the same period of the previous year).

Following is an overview by business segment.

#### Industrial Materials

In the Industrial Materials segment, the Nissha Group mainly offers proprietary technologies that enable to create added value on the surfaces of various materials. IMD and IML, which facilitate simultaneous in-mold decoration

and design of plastic products, are extensively adopted in automotive interior components, home appliances, and smartphones in global markets. Also, our metallized paper, which unites the properties of metallic luster and printing friendliness, has the largest market share in the industry as a packaging material for beverages and foods on a global basis.

During the six months ended September 30, 2017, demand was solid for products for smartphones. In addition, demand progressed mostly as projected for automotive components and metallized paper.

As a result, segment sales for the six months ended September 30, 2017 were  $\pm 24,195$  million, a decrease of 1.2% as compared to the same period of the previous year. Segment profit (operating profit) was  $\pm 1,154$  million, an increase of 108.3% as compared to the same period of the previous year.

#### Devices

In the Devices segment, the Nissha Group produces devices that pursue precision and functionality. Our main products, film based Touch Sensors are adopted mainly in smartphones, tablets, mobile game consoles, industrial equipment and automotive components in global markets. In addition, the Nissha Group offers gas sensors that can detect gas conditions, along with other products.

During the six months ended September 30, 2017, demand for products adopted for smartphones, tablets and game consoles progressed steadily, while expenses increased mainly due to the establishment of a production structure to meet vigorous demand.

As a result, segment sales for the six months ended September 30, 2017 were  $\pm 55,289$  million, an increase of 170.4% as compared to the same period of the previous year. Segment profit (operating profit) was  $\pm 1,916$  million (segment loss (operating loss) of  $\pm 14$  million in the same period of the previous year).

#### Life Innovation

The Life Innovation segment is a newly established business segment in which Graphic Controls group, a medical devices and consumables manufacturer, acts as a core company to offer high-quality and value-added products in medical devices and consumables and other related fields to contribute to healthy and affluent life. Main products of this segment are disposable electrodes and surgical instruments for medical institutions. Graphic Controls group currently manufactures and sells its own brand products to medical institutions and also provides contract manufacturing services for major medical device manufacturers in the North and Central America and Europe.

During the six months ended September 30, 2017, demand progressed steadily for our mainstay products for contract manufacturing services.

As a result, segment sales for the six months ended September 30, 2017 were ¥8,996 million. Segment profit (operating profit) was ¥216 million.

There is no comparable data and analysis for this segment against the same period of the previous year since this is a new reportable segment, established as a result of the inclusion of Graphic Controls group in the scope of consolidation effective from the third quarter ended December 31, 2016.

Information and Communication

In the Information and Communication segment, the Nissha Group offers its customers a wide range of professional products and services such as publication printing, commercial printing, sales promotion, web solutions, and digital archiving, thereby assisting a host of marketing strategies and communication strategies relating to advertising and sales promotion.

During the six months ended September 30, 2017, the commercial printing field, the key product field in this segment, was affected by a decrease in the volume of printed materials due to the diversification of information media. These movements led the business into a highly competitive climate.

As a result, segment sales for the six months ended September 30, 2017 were \$6,363 million, a decrease of 4.0% as compared to the same period of the previous year. Segment loss (operating loss) was \$329 million (segment loss (operating loss) of \$142 million in the same period of the previous year).

#### (2) Explanation of financial position

#### 1) Assets, liabilities and net assets

Total assets at the end of the second quarter ended September 30, 2017 increased by ¥40,313 million from the end of the previous year (the fiscal year ended March 31, 2017) to ¥222,984 million.

Current assets increased by \$35,661 million from the end of the previous year to \$113,840 million. This was mainly attributable to a \$18,146 million increase of notes and accounts receivable-trade, a \$11,609 million increase of "other" under current assets, and a \$3,389 million increase of work in process.

Non-current assets increased by \$4,652 million from the end of the previous year to \$109,143 million. This was mainly because a \$5,254 million increase of investment securities due to changes in the fair value of available-for-sale securities and others outweighed a \$725 million decrease of goodwill mainly due to amortization of goodwill.

Total liabilities at the end of the second quarter ended September 30, 2017 increased by  $\frac{29,944}{138,008}$  million from the end of the previous year to  $\frac{138,008}{138,008}$  million.

Current liabilities increased by ¥33,748 million from the end of the previous year to ¥99,460 million. This was mainly attributable to a ¥22,630 million increase of notes and accounts payable-trade and a ¥10,366 million increase of short-term loans payable.

Non-current liabilities decreased by ¥3,803 million from the end of the previous year to ¥38,548 million. This was mainly attributable to a ¥4,920 million decrease of bonds payable resulting from the exercise of stock acquisition rights.

Net assets at the end of the second quarter ended September 30, 2017 increased by  $\pm 10,369$  million from the end of the previous year to  $\pm 84,975$  million. This was mainly attributable to a  $\pm 3,685$  million increase of valuation difference on available-for-sale securities mainly due to changes in the fair value of available-for-sale securities, as well as a  $\pm 2,455$  million increase of capital stock and a  $\pm 2,458$  million increase of capital surplus mainly due to the conversion of convertible bonds with stock acquisition rights.

#### 2) Cash flows

The balance of cash and cash equivalents (the "funds") on a consolidated basis at the end of the six months ended September 30, 2017 was  $\pm$ 22,105 million, an increase of  $\pm$ 14 million compared to the end of the previous year. The following describes the conditions of each cash flow and the underlying causes for the six months ended September 30, 2017.

#### (Net Cash Provided by (Used in) Operating Activities)

Funds used in operating activities amounted to \$1,514 million, a decrease of 84.1% as compared to the same period of the previous year. This was mainly because a \$17,372 million increase in notes and accounts receivable-trade, a \$8,671 million decrease in "other, net," and a \$5,472 million increase in inventories outweighed a \$22,589 million increase in notes and accounts payable-trade, \$4,584 million of depreciation, and \$2,392 million of profit before income taxes.

#### (Net Cash Provided by (Used in) Investing Activities)

Funds used in investing activities amounted to \$8,024 million, an increase of 165.2% as compared to the same period of the previous year. This was mainly attributable to the purchase of property, plant and equipment and intangible assets of \$7,769 million.

#### (Net Cash Provided by (Used in) Financing Activities)

Funds provided in financing activities amounted to \$9,056 million, an increase of 4.3% as compared to the same period of the previous year. This was mainly attributable to net increase in short-term loans payable of \$10,027 million.

#### (3) Explanation of consolidated operating results forecast and other forecast information

The consolidated financial forecasts for the fiscal year ending December 31, 2017 remain the same as those announced on May 12, 2017.

## 2. Consolidated Financial Statements and Principal Notes

## (1) Consolidated balance sheets

|  |                      | (Million yen             |
|--|----------------------|--------------------------|
|  | As of March 31, 2017 | As of September 30, 2017 |
| Assets                                 |                      |                          |
| Current assets                         |                      |                          |
| Cash and deposits                      | 22,204               | 22,221                   |
| Notes and accounts receivable-trade    | 28,284               | 46,430                   |
| Merchandise and finished goods         | 6,207                | 7,455                    |
| Work in process                        | 5,115                | 8,505                    |
| Raw materials and supplies             | 4,605                | 5,888                    |
| Other                                  | 11,992               | 23,601                   |
| Allowance for doubtful accounts        | (230)                | (263)                    |
| Total current assets                   | 78,179               | 113,840                  |
| Non-current assets                     |                      |                          |
| Property, plant and equipment          |                      |                          |
| Buildings and structures, net          | 26,699               | 26,173                   |
| Machinery, equipment and vehicles, net | 12,314               | 11,897                   |
| Tools, furniture and fixtures, net     | 2,470                | 2,465                    |
| Land                                   | 6,076                | 6,095                    |
| Leased assets, net                     | 1,815                | 1,917                    |
| Construction in progress               | 1,475                | 2,818                    |
| Total property, plant and equipment    | 50,852               | 51,367                   |
| Intangible assets                      |                      |                          |
| Trademark right                        | 3,857                | 3,605                    |
| Software                               | 814                  | 811                      |
| Goodwill                               | 23,854               | 23,128                   |
| Technical assets                       | 2,226                | 2,277                    |
| Customer related assets                | 6,763                | 6,621                    |
| Other                                  | 988                  | 976                      |
| Total intangible assets                | 38,505               | 37,421                   |
| Investments and other assets           |                      |                          |
| Investment securities                  | 14,147               | 19,402                   |
| Other                                  | 1,449                | 1,419                    |
| Allowance for doubtful accounts        | (462)                | (467)                    |
| Total investments and other assets     | 15,133               | 20,354                   |
| Total non-current assets               | 104,491              | 109,143                  |
| Total assets                           | 182,670              | 222,984                  |

|   | As of March 31, 2017 | As of September 30, 2017 |
|---|----------------------|--------------------------|
| Liabilities   |                      |                          |
| Current liabilities                                   |                      |                          |
| Notes and accounts payable-trade                      | 24,872               | 47,503                   |
| Short-term loans payable                              | 20,294               | 30,660                   |
| Current portion of long-term loans payable            | 1,448                | 1,234                    |
| Income taxes payable                                  | 484                  | 806                      |
| Provision for bonuses                                 | 1,578                | 1,923                    |
| Provision for directors' bonuses                      | 60                   | 40                       |
| Provision for management board benefit trust          | 101                  | 121                      |
| Other   | 16,869               | 17,170                   |
| Total current liabilities                             | 65,711               | 99,460                   |
| Non-current liabilities                               |                      |                          |
| Bonds payable   | 11,760               | 6,840                    |
| Long-term loans payable                               | 13,078               | 12,982                   |
| Net defined benefit liability                         | 4,356                | 4,426                    |
| Other   | 13,157               | 14,299                   |
| Total non-current liabilities                         | 42,352               | 38,548                   |
| Total liabilities                                     | 108,064              | 138,008                  |
| Net assets  |                      | ,                        |
| Shareholders' equity                                  |                      |                          |
| Capital stock   | 7,664                | 10,119                   |
| Capital surplus                                       | 11,052               | 13,510                   |
| Retained earnings                                     | 45,334               | 46,495                   |
| Treasury shares                                       | (341)                | (326)                    |
| Total shareholders' equity                            | 63,709               | 69,799                   |
| Accumulated other comprehensive income                |                      | ,                        |
| Valuation difference on available-for-sale securities | 7,779                | 11,464                   |
| Foreign currency translation adjustment               | 2,560                | 3,175                    |
| Remeasurements of defined benefit plans               | 331                  | 314                      |
| Total accumulated other comprehensive income          | 10,671               | 14,954                   |
| Non-controlling interests                             | 225                  | 221                      |
| Total net assets                                      | 74,606               | 84,975                   |
| Total liabilities and net assets                      | 182,670              | 222,984                  |

(Million yen)

## (2) Consolidated statements of income and comprehensive income

Consolidated statements of income

|   |  | (Million yen)                          |
|---|--|--|
|   | Six Months Ended<br>September 30, 2016 | Six Months Ended<br>September 30, 2017 |
| Net sales   | 51,648                                 | 95,015                                 |
| Cost of sales   | 43,424                                 | 80,719                                 |
| Gross profit  | 8,223                                  | 14,296                                 |
| Selling, general and administrative expenses                | 9,261                                  | 12,456                                 |
| Operating profit (loss)                                     | (1,037)                                | 1,839                                  |
| Non-operating income  |  |  |
| Interest income   | 46                                     | 30                                     |
| Dividend income   | 80                                     | 190                                    |
| Foreign exchange gains                                      | _                                      | 572                                    |
| Other   | 99                                     | 97                                     |
| Total non-operating income                                  | 226                                    | 891                                    |
| Non-operating expenses                                      |  |  |
| Interest expenses   | 174                                    | 394                                    |
| Share of loss of entities accounted for using equity method | 34                                     | 28                                     |
| Foreign exchange losses                                     | 2,386                                  | _                                      |
| Other   | 27                                     | 91                                     |
| Total non-operating expenses                                | 2,622                                  | 514                                    |
| Ordinary profit (loss)                                      | (3,433)                                | 2,216                                  |
| Extraordinary income  |  |  |
| Gain on sales of non-current assets                         | 30                                     | 6                                      |
| Gain on sales of investment securities                      | —                                      | 215                                    |
| State subsidy   | 136                                    | 43                                     |
| Total extraordinary income                                  | 167                                    | 265                                    |
| Extraordinary losses  |  |  |
| Loss on sales and retirement of non-current assets          | 133                                    | 35                                     |
| Loss on valuation of investment securities                  | 160                                    | _                                      |
| Impairment loss   | 249                                    | _                                      |
| Loss on closing of plants                                   | _                                      | 54                                     |
| Total extraordinary losses                                  | 544                                    | 89                                     |
| Profit (loss) before income taxes                           | (3,810)                                | 2,392                                  |
| Income taxes  | 374                                    | 567                                    |
| Profit (loss)   | (4,185)                                | 1,825                                  |
| Loss attributable to non-controlling interests              | (12)                                   | (16)                                   |
| Profit (loss) attributable to owners of parent              | (4,172)                                | 1,841                                  |

Consolidated statements of comprehensive income

|   |  | (Million yen)                          |
|---|--|--|
|   | Six Months Ended<br>September 30, 2016 | Six Months Ended<br>September 30, 2017 |
| Profit (loss)   | (4,185)                                | 1,825                                  |
| Other comprehensive income  |  |  |
| Valuation difference on available-for-sale securities                             | 2,246                                  | 3,685                                  |
| Foreign currency translation adjustment   | (3,769)                                | 1,919                                  |
| Remeasurements of defined benefit plans, net of tax                               | 15                                     | (23)                                   |
| Share of other comprehensive income of entities accounted for using equity method | 21                                     | 1                                      |
| Total other comprehensive income  | (1,486)                                | 5,582                                  |
| Comprehensive income  | (5,672)                                | 7,408                                  |
| Comprehensive income attributable to  |  |  |
| Comprehensive income attributable to owners of parent                             | (5,656)                                | 7,421                                  |
| Comprehensive income attributable to non-controlling interests                    | (15)                                   | (13)                                   |

#### (3) Consolidated statements of cash flows

Cash

|  | Six Months Ended<br>September 30, 2016 | Six Months Ended<br>September 30, 2017 |
|--|--|--|
| Cash flows from operating activities                                 |  |  |
| Profit (loss) before income taxes                                    | (3,810)                                | 2,392                                  |
| Depreciation   | 3,832                                  | 4,584                                  |
| Impairment loss  | 249                                    | _                                      |
| Amortization of goodwill   | 399                                    | 733                                    |
| Loss on closing of plants  | —                                      | 54                                     |
| Increase (decrease) in provision for bonuses                         | (293)                                  | 288                                    |
| Increase (decrease) in provision for directors' bonuses              | (30)                                   | (20)                                   |
| Increase (decrease) in provision for management board benefit trust  | 78                                     | 19                                     |
| Increase (decrease) in net defined benefit liability                 | (4)                                    | 28                                     |
| Increase (decrease) in allowance for doubtful accounts               | (0)                                    | 4                                      |
| Interest and dividend income   | (126)                                  | (220)                                  |
| Interest expenses  | 174                                    | 394                                    |
| Foreign exchange losses (gains)                                      | 1,076                                  | (446)                                  |
| Share of (profit) loss of entities accounted for using equity method | 34                                     | 28                                     |
| Loss (gain) on sales of investment securities                        | —                                      | (215)                                  |
| Loss (gain) on valuation of investment securities                    | 160                                    | _                                      |
| Loss (gain) on sales and retirement of non-current assets            | 103                                    | 28                                     |
| Decrease (increase) in notes and accounts receivable-trade           | (1,294)                                | (17,372)                               |
| Decrease (increase) in inventories                                   | 1,823                                  | (5,472)                                |
| Increase (decrease) in notes and accounts payable-trade              | (6,739)                                | 22,589                                 |
| Other, net   | (3,942)                                | (8,671)                                |
| Subtotal   | (8,311)                                | (1,271)                                |
| Interest and dividend income received                                | 132                                    | 218                                    |
| Interest expenses paid   | (184)                                  | (391)                                  |
| Income taxes paid  | (1,409)                                | (860)                                  |
| Income taxes refund  | 263                                    | 789                                    |
| Net cash provided by (used in) operating activities                  | (9,510)                                | (1,514)                                |

(Million yen)

|  |  | (Million yen)                          |  |
|--|--|--|--|
|  | Six Months Ended<br>September 30, 2016 | Six Months Ended<br>September 30, 2017 |  |
| Cash flows from investing activities   |  |  |  |
| Proceeds from withdrawal of time deposits  | 247                                    | _                                      |  |
| Payments into time deposits  | (102)                                  | _                                      |  |
| Purchase of property, plant and equipment and intangible assets  | (2,781)                                | (7,769)                                |  |
| Purchase of investment securities  | (469)                                  | (25)                                   |  |
| Proceeds from sales of investment securities   | _                                      | 226                                    |  |
| Payments for transfer of business  | —                                      | (280)                                  |  |
| Other, net   | 80                                     | (176)                                  |  |
| -<br>Net cash provided by (used in) investing activities   | (3,025)                                | (8,024)                                |  |
| Cash flows from financing activities   |  |  |  |
| Net increase (decrease) in short-term loans payable  | 7,775                                  | 10,027                                 |  |
| Proceeds from long-term loans payable  | 1,539                                  | 654                                    |  |
| Repayments of long-term loans payable  | (44)                                   | (776)                                  |  |
| Payments for issuance of bonds   | (23)                                   | _                                      |  |
| Commission fee paid  | (9)                                    | (19)                                   |  |
| Repayments of lease obligations  | (88)                                   | (131)                                  |  |
| Purchase of treasury shares-net  | (0)                                    | 0                                      |  |
| Cash dividends paid  | (642)                                  | (699)                                  |  |
| Proceeds from changes in ownership interests in subsidiaries<br>that do not result in change in scope of consolidation | 180                                    | _                                      |  |
| Net cash provided by (used in) financing activities  | 8,686                                  | 9,056                                  |  |
| Effect of exchange rate change on cash and cash equivalents  | (2,076)                                | 786                                    |  |
| Net increase (decrease) in cash and cash equivalents   | (5,926)                                | 303                                    |  |
| Cash and cash equivalents at beginning of period   | 41,688                                 | 22,090                                 |  |
| Decrease in cash and cash equivalents from change of accounting period   | _                                      | (289)                                  |  |
| Cash and cash equivalents at end of period   | 35,762                                 | 22,105                                 |  |

#### (4) Notes to consolidated financial statements

(Notes to going concern assumptions) Not applicable

(Notes to material changes in shareholders' equity)

In the six months ended September 30, 2017, capital stock increased by \$2,455 million, capital surplus increased by \$2,458 million, and treasury shares decreased by \$6 million due to the exercise of stock acquisition rights attached to the Zero Coupon Convertible Bonds due 2021 (bonds with stock acquisition rights). Primarily as a result of the foregoing, capital stock amounted to \$10,119 million, capital surplus amounted to \$13,510 million, and treasury shares amounted to \$326 million at the end of the second quarter ended September 30, 2017.

(Adoption of special accounting treatment for preparing quarterly consolidated financial statements) Calculation of tax expense

When calculating tax expense, we reasonably estimate the effective tax rate after applying tax-effect accounting for profit (loss) before income taxes in the fiscal year, including the second quarter ended September 30, 2017. We then calculate the tax expense by multiplying profit (loss) before income taxes by the estimated effective tax rate. We use the statutory effective tax rate, however, if the estimated effective tax rate is unavailable.

### (Segment information, etc.) I. The six months ended September 30, 2016 (April 1, 2016 to September 30, 2016)

|  |                         |         |                    |  |           |                   |        |                    | (Million yen)            |
|--|-------------------------|---------|--------------------|--|-----------|-------------------|--------|--------------------|--------------------------|
|  | Reportable segment      |         |                    |  |           |                   |        | Reconcili-         |                          |
|  | Industrial<br>Materials | Devices | Life<br>Innovation | Information<br>and<br>Communi-<br>cation | Sub-total | Other<br>(Note 1) | Total  | ations<br>(Note 2) | Consolidated<br>(Note 3) |
| Sales                                  |                         |         |                    | cution                                   |           |                   |        |                    |                          |
| Sales to<br>external<br>customers      | 24,484                  | 20,449  | _                  | 6,627                                    | 51,561    | 87                | 51,648 | _                  | 51,648                   |
| Inter-segment<br>sales or<br>transfers | 1                       | 1,228   | _                  | 28                                       | 1,259     | 440               | 1,699  | (1,699)            | _                        |
| Total                                  | 24,486                  | 21,678  | _                  | 6,656                                    | 52,820    | 527               | 53,348 | (1,699)            | 51,648                   |
| Segment profit<br>(loss)               | 554                     | (14)    | (12)               | (142)                                    | 384       | (9)               | 375    | (1,412)            | (1,037)                  |

#### 1. Information about sales and profit (loss) by reportable segment

(Notes) 1. The "Other" category consists of a business segment not included in the reportable segments and includes the landscaping business, etc.

The negative ¥1,412 million of reconciliations in segment profit (loss) includes unallocated corporate expenses, etc.
 Corporate expenses mainly consist of general and administrative expenses not attributable to any reportable segment.

3. Segment profit (loss) is reconciled with operating loss recorded in the consolidated statements of operations.

II. The six months ended September 30, 2017 (April 1, 2017 to September 30, 2017)

|   |                         |               |                    |  | -               |                   |                 |            | (Million yen)            |
|---|-------------------------|---------------|--------------------|--|-----------------|-------------------|-----------------|------------|--------------------------|
|   | Reportable segment      |               |                    |  |                 |                   |                 | Reconcili- |                          |
|   | Industrial<br>Materials | Devices       | Life<br>Innovation | Information<br>and<br>Communi-<br>cation | Sub-total       | Other<br>(Note 1) | Total ations    | ations     | Consolidated<br>(Note 3) |
| Sales<br>Sales to<br>external<br>customers<br>Inter-segment<br>sales or | 24,195<br>345           | 55,289<br>713 | 8,996              | 6,363<br>30                              | 94,845<br>1,089 | 170<br>934        | 95,015<br>2,024 | (2,024)    | 95,015                   |
| transfers<br>Total  | 24,540                  | 56,003        | 8,996              | 6,394                                    | 95,934          | 1,104             | 97,039          | (2,024)    | 95,015                   |
| Segment profit<br>(loss)  | 1,154                   | 1,916         | 216                | (329)                                    | 2,958           | 59                | 3,017           | (1,178)    | 1,839                    |

(Notes) 1. The "Other" category consists of a business segment not included in the reportable segments and includes the landscaping business, etc.

- The negative ¥1,178 million of reconciliations in segment profit (loss) includes unallocated corporate expenses, etc.
  Corporate expenses mainly consist of general and administrative expenses not attributable to any reportable segment.
- 3. Segment profit (loss) is reconciled with operating profit recorded in the consolidated statements of operations.
- 2. Changes in reportable segments, etc.

As a result of the inclusion of Graphic Controls Holdings, Inc. and its group companies in the scope of consolidation in the third quarter ended December 31, 2016, the Nissha Group established the "Life Innovation" segment, a new reportable segment in which Graphic Controls Holdings, Inc. and its group companies promote its business operations in the medical markets.

In addition to the above change, the production and sales business of the Company's gas sensors, which had been included in the "Other" under reportable segments, was transferred to the "Devices" segment from the third quarter ended December 31, 2016, as a result of the reorganization executed to further expand the scale of business.

Segment information for the six months ended September 30, 2016, disclosed as comparative information for the six months ended September 30, 2017, is prepared based on the new reportable segments after the above changes. This segment information differs from the segment information for the six months ended September 30, 2016 that was disclosed in the previous fiscal year.