## FY2015 Financial Results

## USHID

## USHIO INC.

May 11, 2016
This report contains forward-looking statements, including earnings forecasts, which are based on information currently available to the Company and on certain assumptions deemed to be reasonable. Please be advised that actual results may differ substantially from those forward-looking statements due to various factors.

* All figures in the material have been rounded down to the nearest billion yen.


# I. Financial Results for FY2015 <br> II. Forecasts for FY2016 <br> III. Medium-Term Management Plan 

## Highlights of Financial Results for FY2015

## Consolidated net sales up12.4\% year on year to $¥ 179.1$ billion Consolidated operating income up $26.8 \%$ year on year to $¥ 13.1$ billion




Operating Income

Operating income rose $¥ 1.7$ billion YoY

## Discharge

Halogen in the Chinese market and small- to medium-sized LCD panels

Operating income rose $9 \%$ ( $¥ 0.9$ billion) YoY

Sales increased 16.5\% YoY, reflecting solid sales of new DCP products

Sales increased 21.9\% YoY, due to higher shipments of lithography equipment for electronic components and photo alignment equipment driven by demand for electronic components for high-end smartphones

Sales increased 10.0\% YoY with contributions from xenon lamps for cinema projectors and expansion in the solid state light source business

Sales decreased 3.5\% YoY, partly due to the impact of the economic slowdown in emerging economies on OA equipment applications

## Comparison of Full-year Forecasts with Actual Results

| (Billions of Yen) | FY15 <br> (Forecast) | FY15 <br> (Actual Results) | Changes | Achievement Rate(\%) |
| :---: | :---: | :---: | :---: | :---: |
| Net Sales | 180.0 | 179.1 | A0.8 | 99.5\% |
| Operating Income | 13.0 | 13.1 | +0.1 | 101.0\% |
| Operating Income (\%) | 7.2 | 7.3 | +0.1P | 101.8\% |
| Ordinary Income | 15.0 | 14.6 | A0.3 | 97.6\% |
| Profit Attributable to Owners of Parent | 12.0 | 11.1 | A0.8 | 92.5\% |
| EPS (Yen) | 91.91 | 85.83 | A6.08 | 93.4\% |
| ROE (\%) | 5.7 | 5.2 | -0.5P | 91.6\% |
| Dividend (Yen) | 26 | 26 | +0 | 100.0\% |
| Payout Ratio (\%) | 28.3 | 30.3 | +2.0P | 107.1\% |
| Capital Expenditures | 9.6 | 13.2 | +3.6 | 137.8\% |
| Depreciation and Amortization | 7.2 | 6.4 | © 0.7 | 90.2\% |
| R\&D Expenses | 11.0 | 11.2 | +0.2 | 102.1\% |
| Forex (Yen) |  |  |  |  |
| USD | 120 | 121 | - | - |
| EUR | 138 | 133 | - | - |

## Summary of Financial Results 4Q FY2015

| (Billions of yen) | $\begin{gathered} \text { FY14 } \\ \text { 1-4Q } \end{gathered}$ | $\begin{gathered} \text { FY15 } \\ 1-4 Q \end{gathered}$ | YoY |  | $\begin{gathered} \text { FY14 } \\ 4 Q \end{gathered}$ | $\begin{gathered} \text { FY15 } \\ 4 \mathrm{Q} \end{gathered}$ | YoY |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Changes | \% |  |  | Changes | \% |
| Net Sales | 159.3 | 179.1 | +19.7 | +12.4 | 44.5 | 44.5 | +0.0 | +0.0 |
| Operating Income | 10.3 | 13.1 | +2.7 | +26.8 | 3.9 | 2.6 | -1.3 | ©34.1 |
| Operating Income Ratio (\%) | 6.5 | 7.3 | +0.8P | - | 8.9 | 5.9 | A3.0P | - |
| Ordinary Income | 13.7 | 14.6 | +0.9 | +6.7 | 4.5 | 1.5 | (2.9 | © 65.7 |
| Profit Attributable to Owners of Parent | 11.2 | 11.1 | (0.1 | A1.5 | 3.1 | 1.5 | A1.5 | A50.5 |
| EPS (Yen) | 86.40 | 85.83 | - 0.57 | - 0.7 | 23.92 | 11.98 | ©11.94 | -49.9 |
| Forex (Yen) |  |  |  |  |  |  |  |  |
| USD | 109 | 121 |  |  | 119 | 118 |  |  |
| EUR | 139 | 133 |  |  | 138 | 129 |  |  |


| Annual Forex Sensitivity <br> (Billions of Yen) | Net Sales | Operating Income | Ordinary Income |
| :--- | ---: | ---: | ---: |
| USD | 1.0 | 0.1 | 0.1 |

Financial Results Trend 《Quarterly Comparison》

| (Billions of Yen) | 1Q | 2Q | 3Q | 4Q | QoQ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Changes | \% |
| Net Sales | 41.1 | 47.4 | 45.9 | 44.5 | A1.3 | A3.0 |
| Operating Income | 2.3 | 4.2 | 3.9 | 2.6 | A1.3 | -34.1 |
| Operating Income Ratio (\%) | 5.7 | 8.8 | 8.6 | 5.9 | 42.8 P | - |
| Ordinary Income | 3.3 | 4.2 | 5.5 | 1.5 | A3.9 | ( 71.8 |
| Profit Attributable to Owners of Parent | 2.6 | 2.8 | 4.0 | 1.5 | A2.5 | - 62.3 |
| EPS (Yen) | 20.18 | 21.98 | 31.71 | 11.98 | (19.73 | (162.2 |
| Forex (Yen) |  |  |  |  |  |  |
| USD | 121 | 123 | 121 | 118 |  |  |
| EUR | 133 | 136 | 133 | 129 |  |  |

Financial Results by Business Segments

| (Billions of Yen) |  | FY14 <br> 1-4Q | $\begin{gathered} \text { FY15 } \\ 1-4 Q \end{gathered}$ | YoY |  | FY14 <br> 4Q | FY15 <br> 4Q | YoY |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business Segments |  |  |  | Changes | \% |  |  | Changes | \% |
| Equipment | Net Sales | 84.0 | 98.7 | +14.6 | +17.5 | 24.0 | 24.5 | +0.5 | +2.1 |
|  | Operating Income | A0.0 | 1.7 | +1.7 | - | 0.3 | 0.0 | A0.2 | A 75.3 |
|  | Operating Income(\%) | -0.0 | 1.7 | +1.8P | - | 1.4 | 0.3 | A1.1P | - |
| Light <br> Sources | Net Sales | 71.9 | 77.2 | +5.2 | +7.3 | 19.4 | 18.9 | A0.4 | (2.4 |
|  | Operating Income | 10.0 | 10.9 | +0.9 | +9.0 | 3.4 | 2.2 | A1.1 | -34.1 |
|  | Operating Income(\%) | 14.0 | 14.2 | $+0.2 \mathrm{P}$ | - | 17.7 | 12.0 | A5.8P | - |
| Others | Net Sales | 3.3 | 3.1 | A0.2 | 06.4 | 1.0 | 1.0 | A0.0 | A3.3 |
|  | Operating Income | 0.1 | 0.1 | +0.0 | +3.5 | 0.1 | 0.1 | +0.0 | +29.5 |
|  | Operating Income(\%) | 5.2 | 5.7 | +0.6P | - | 9.6 | 12.8 | +3.2P | - |

## Equipment Business Segment 《Net Sales》



## Imaging

Sales in the cinema field rose by $40 \%$ YoY after capturing DCP demand from emerging countries，while general imaging sales were held to a 3\％increase

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Optical
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Sales of UV equipment increased by 20\％ YoY and sales of cure equipment increased by $40 \%$ ，boosted by sales of photo alignment equipment

| 《YoY》 <br> （Billions of Yen） |  | $\begin{gathered} \mathrm{FY} 14 \\ 1-4 \mathrm{Q} \end{gathered}$ | $\begin{aligned} & \text { FY15 } \\ & 1-4 Q \end{aligned}$ | YoY | $\begin{aligned} & \text { 《QoQ》 } \\ & \text { (Billions of Yen) } \end{aligned}$ |  | 3Q | 4Q | QoQ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | Imaging | 60.3 | 70.3 | ＋9．9 | Net Sales | Imaging | 20.1 | 15.4 | （4．6 |
|  | Optical | 21.2 | 25.9 | ＋4．6 |  | Optical | 5.8 | 8.0 | ＋2．2 |
|  | Illumination | 2.3 | 2.4 | ＋0．0 |  | Illumination | 0.2 | 1.0 | ＋0．7 |
| Total |  | 84.0 | 98.7 | ＋14．6 | Total |  | 26.2 | 24.5 | A1．6 |

## Light Sources Business Segment 《Net Sales》



Note : Net Sales indicates sales to unaffiliated customers.

## Capital Expenditures, Depreciation and Amortization, R\&D Expenses

-Capital Expenditures,
Depreciation and Amortization


## Other Income and Expenses《1-4Q》

| (Billions of Yen) | FY14 | FY15 | YoY |
| :---: | :---: | :---: | :---: |
| Other Income | 3.7 | 2.3 | A1.4 |
| Interest income | 0.8 | 0.7 | A0.0 |
| Dividend | 1.0 | 1.1 | +0.1 |
| Foreign exchange gains | 0.7 | 0.0 | © 0.7 |
| Gain on trading securities | 0.4 | - | (0.4 |
| Others | 0.7 | 0.4 | (0.2 |
| Other Expenses | 0.3 | 0.8 | +0.4 |
| Interest expenses | 0.1 | 0.2 | +0.0 |
| Share of loss of entities accounted for using equity method | 0.0 | 0.0 | - 0.0 |
| Loss on trading securities | - | 0.3 | +0.3 |
| Others | 0.1 | 0.2 | +0.0 |
| Other Income and Expenses | 3.3 | 1.5 | (1.8 |

Balance Sheet


## Cash Flow



## Sales Trend by Product Groups



## Foreign Sales Ratio 《1-4Q》



## Reference: Press Release 4Q F2015 (Overview)

## First Delivery of High-Intensity EUV Light Source Unit to Research Institute in Netherlands -New Entry to Market of Mask Inspection System Light Sources for Next-Generation Lithography Process-

## Overview:

USHIO will ship an Sn LDP EUV light source used for inspections to TNO (The Hague, Netherlands), an independent innovation organization focusing on contamination control in semiconductor processing. USHIO will provide support to the mask inspection process at device manufacturers as well as mask makers by delivering its inspection light sources to mask inspection equipment manufacturers.

Light source characteristics: The Sn light source can achieve intensity and output of the source approximately 5 to 10 times higher than that of Xenon. It enhances the throughput of EUV mask inspection associated with EUV lithography.


## Acquisition of the Medical Skin Care Brand "Sunsorit" <br> -Expansion of the skin care business-

I. Financial Results for FY2015
II. Forecasts for FY2016
III. Medium-Term Management Plan

Forecasts for FY2016

| (Billions of Yen) | FY15 | $\begin{gathered} \text { FY16 } \\ \text { (Forecast) } \end{gathered}$ | YoY |  | 2Q/FY16 <br> (Forecast) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Changes | \% |  |
| Net Sales | 179.1 | 190.0 | +10.8 | +6.1 | 90.0 |
| Operating Income | 13.1 | 13.5 | +0.3 | +2.8 | 6.0 |
| Operating Income (\%) | 7.3 | 7.1 | -0.2P | - | 6.7 |
| Ordinary Income | 14.6 | 14.5 | (0.1 | - 0.9 | 6.5 |
| Profit Attributable to Owners of Parent | 11.1 | 11.5 | +0.3 | +3.5 | 4.7 |
| EPS (Yen) | 85.83 | 89.37 | +3.54 | +4.1 | 36.53 |
| ROE (\%) | 5.2 | 5.4 | +0.2P | - | - |
| Dividend (Yen) | 26 | 26 | +0 | - | - |
| Payout Ratio (\%) | 30.3 | 29.1 | A1.2P | - | - |
| Capital Expenditures | 13.2 | 8.0 | © 5.2 | ©39.5 | - |
| Depreciation and Amortization | 6.4 | 7.0 | +0.5 | +7.8 | - |
| R\&D Expenses | 11.2 | 12.0 | +0.7 | +6.9 | - |
| Forex (Yen) USD | 121 | 115 | - |  | 115 |
| EUR | 133 | 125 |  |  | 125 |

## Forecasts for FY2016 《Net Sales》

| (Billions of Yen) |  | FY15 | $\begin{aligned} & \text { FY16 } \\ & \text { (Forecast) } \end{aligned}$ | YoY |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Changes | \% |
| Equipment | Imaging equipment | 70.3 | 81.0 | +10.6 | +15.2 |
|  | Optical equipment | 25.9 | 28.0 | +2.0 | +7.9 |
|  | Illumination and others | 2.4 | 2.5 | +0.0 | +2.5 |
|  | Sub-total | 98.7 | 111.5 | +12.7 | +12.9 |
| Light Sources | Discharge lamps | 63.4 | 63.5 | +0.0 | +0.1 |
|  | Halogen lamps | 13.7 | 13.0 | A0.7 | © 5.6 |
|  | Sub-total | 77.2 | 76.5 | A0.7 | A0.9 |
| Other | Machinery for industrial use and other | 3.1 | 2.0 | -1.1 | -36.8 |
| Total |  | 179.1 | 190.0 | +10.8 | +6.1 |

## Forecasts for FY2016 by Business Segments



- DCP unit sales to remain mostly level
- Laser projectors to increase due to the spread of Dolby Cinema
- Total solutions business to expand through cinema and general imaging
- Sales volume of projection lithography equipment to be level YoY. Applications will include ink-jet nozzles, driver ICs for OLED, and packaging. Shipments of photo alignment equipment to increase
- Sales of lamps to be mostly level or decline slightly, despite an increase in solid state light source sales

Halogen
-5.6\%

Discharge
+0.1\%

- Sales to decline, reflecting the weak momentum of emerging countries


## Return of Profits to Shareholders

-Cash Dividends for Fiscal 2015 (26yen)

-Plan to Purchase Treasury Stock
From May 12 to Nov. 11, 2016, the Company will purchase 670,000 shares of treasury stock, valued at $¥ 1.0$ billion. Similar steps will be taken as necessary in the future.
I. Financial Results for FY2015
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## Reference: Transition to a Company with Audit and Supervisory Committee

## 1. Reason for transition

In order to further strengthen the supervisory function of the Board of Directors and promote speedy decision making by delegating decisions on certain important business matters to Executive Directors and Executive Officers.
A majority of the Board of Directors will be Outside Directors at the time of the transition.

## 2. Timing of the transition

USHIO plans to transition to a Company with Audit and Supervisory Committee on condition that the necessary amendments to its Articles of Incorporation are approved at the 53rd Annual General Meeting of Shareholders to be held on June 29, 2016.

For further details, please see the press release dated March 28, 2016 that has been provided.

## Agenda

1. Targets to be Achieved under the Current Medium-term Management Plan
2. Review of Previous Medium-term Management Plan
3. Key Strategies under the Current Medium-term Management Plan
4. Increasing USHIO's Corporate Value
5. Medium-term Management Plan by Business Segment
a. Sales by Business Sub-Segments
b. Equipment Business (b-1.Imaging b-2.Optical)
c. Light Sources Business
6. Targets to be Achieved under the Current Medium-term Management Plan

## Targets for FY2018 (ending March 2019)

## Operating Income 20 billion yen

Sales 230 billion yen Operating Income (\%) 8.7\%

## Transformation into a Highly Profitable Company

## 2. Review of Previous Medium-term Management Plan

## Strategies

1. Expand business earnings
(1) Reassess and reallocate resource distribution
(2) Transition to solutions business
(3) Enter new markets
(4) Expand M\&A investment
2. Enhance capital efficiency

Convert financial assets to business assets

## 3. Bolster shareholder returns

Implemented(FY2015)

- Accelerated management by delegation of authority
- Made efforts to improve R\&D investment efficiency
- Made M\&A investments (Approx. $¥ 9$ billion)
- Expanded solutions in imaging equipment business
- Strengthened monitoring of investments
- Strengthened Group synergies
(Established strategic joint operation teams in businesses and regions)

> - Purchased treasury shares (FY2015)

1st time: 2.0 billion yen 2nd time:960 million yen
(completed on April 8, 2016)

## Reference: M\&A Strategy - Transition of Investment Values



## Goal

- Contribution to increased corporate value
- Emphasis on synergy effects


## Direction

- Related to the field of "light"
- Increase monetary amounts and number of M\&As


## Reference: M\&A in FY2015 (Including Partial Investments)


3. Key Strategies under the Current Medium-term Management Plan

## Maintain and Improve Earning Capability in Existing <br> Businesses

- Move to second stage of structural reform in the optical equipment business
- Increase cost competitiveness in Light Sources and Equipment businesses


## Pursue New Growth Opportunities

- Expand existing products in new fields
- Full-scale expansion of the solutions businesses
- Establish solution-type business model in the imaging field
- Expand solution-type business into other business fields
- Expand M\&A investment focused on synergies


## Transform into a Highly Profitable Company

## 4．Increasing USHIO＇s Corporate Value

## Policy ：Achieve ROE 8\％or Above

## Expand business earnings （Top Priority）

FY2018（in 3 years）
Achieve operating income of 20 billion yen

【Existing business】
－Maintain and Improve Earning Capability
【New business】
－Expand existing products in new fields
－Full－scale expansion of the solutions businesses
－Expand M\＆A investment focused on synergies

Enhance earning capability

## Enhance capital efficiency

【 Convert financial assets to business assets】
－Revise cross－shareholdings
－Shift to growth investments such as M\＆As

## Bolster shareholder returns

－Implement continued treasury share purchases
－Stable dividends


## 5. Medium-term Management Plan by Business Segment a. Sales by Business Segments

| Segment | Sub-segment | Last year | This year $1^{\text {st }}$ year* |  | $\begin{gathered} 3^{\text {rd }} \text { year* } \\ \text { FY18 } \end{gathered}$ | Changes in 3 years <br> (FY18-FY15) |  | CAGR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY14 | FY15 | FY16 |  |  |  |  |
|  |  | (Results) | (Results) | (Plan) | (Plan) | $\begin{aligned} & \text { (billion } \\ & \text { yen) } \end{aligned}$ | (\%) | (\%) |
| Equipment | Imaging | 60.3 | 70.3 | 81.0 | 97.0 | 26.7 | 38 | 11 |
|  | Optical | 21.2 | 25.9 | 28.0 | 35.0 | 9.1 | 35 | 11 |
|  | Illumination | 2.3 | 2.4 | 2.5 | 3.0 | 0.6 | 25 | 8 |
|  | Sub-total | 84.0 | 98.7 | 111.5 | 135.0 | 36.3 | 37 | 11 |
| Light Source | Discharge (incl. SSLS) | 57.6 | 63.4 | 63.5 | 79.0 | 15.6 | 25 | 8 |
|  | Halogen | 14.2 | 13.7 | 13.0 | 13.0 | © 0.7 | $\triangle 5$ | 42 |
|  | Sub-total | 71.9 | 77.2 | 76.5 | 92.0 | 14.8 | 19 | 6 |
| Other | Machinery for industrial use and other | 3.3 | 3.1 | 2.0 | 3.0 | (0.1 | 43 | ©1 |
| Total |  | 159.3 | 179.1 | 190.0 | 230.0 | 50.9 | 28 | 9 |
| Companywide basis | Operating income(billion yen) | 10.3 | 13.1 | 13.5 | 20.0 | 6.9 | 53 | 15 |
|  | Operating income (\%) | 6.5 | 7.3 | 7.1 | 8.7 | 1.4p | - | 6 |

## 5. Medium-term Management Plan by Business Segment b. Equipment Business b-1. Imaging

## Target Sales (FY2018)

97.0 billion yen
(Against FY15 : + 26.7billion yen, increase by $38 \%$ )


FY14 FY15 FY18

## Business environment \& Strategy

## Cinema $\quad 7$

$(+)$ Continued expansion of demands in emerging countries and demands for premium cinema screens
$(+)$ Increase provision of high-end cinema
(Laser projector + Audio system, etc.)
General imaging
(+) Expand the digital signage business-a growth field

## Measures

Expand the total solution business
-Establish solution provision-type business model
-Establish stable revenue model
5. Medium-term Management Plan by Business Segment b. Equipment Business b-1. Imaging

## Expand Total Solutions for Imaging



Cinema


Projection Mapping


Digital signage \&
Lobby advertisement

allure
A CHKISTIE COMPANY
5. Medium-term Management Plan by Business Segment b. Equipment Business b-2. Optical

## Target Sales (Fy2018)

35.0 billion yen
(Against FY15 : +9.1billion yen, increase by $35 \%$ )


## Business environment \& Strategy

## UV equipment $\boldsymbol{T}$

(+)Innovate semiconductor packaging technology
(+)Invest in automotive and infrastructure, expand data center
(+)Investment opportunities through introduction of OLED
(-)Slowdown in smartphone growth
Cure equipment $\rightarrow$
(+)Continued LCD investment in China
$(+)$ Continued needs for higher resolution in small-/medium-sized LCDs
$(-)$ Decline in demand as OLED replaces LCD

## Measures

Structural reform aimed at normalizing profitability
-Revise Group strategy

## Reference: Structural Reform in the Optical Equipment Business



## Reference: Biomedical Business

## Policy

## Continued Necessary Investment to Groom into Third Core Business

## Business Strategy

- Concentrate on four businesses
(1) Skin care business

(3) Biomarker business
(1) Skin care business
(2) Biotesting and diagnostics business
(3) Biomarker business
(4) Vein access equipment business
- Expand Group earnings by strengthening Group cooperation
(Chinese market as a strategic region)
- Aggressively use M\&As

Progress to independent business stage

## 5. Medium-term Management Plan by Business Segment c. Light Source Business

## Target Sales (Fy2018)

92.0 billion yen
(Against FY15 : +14.8billion yen, increase by 19\% )


FY14 FY15 FY18

## Business environment \& Strategy

## UV lamp $\rightarrow$

(-) Mature market
(+) Promote differentiation (high efficiency, long-life)
Lamps for cinema $\rightarrow$
$(+)$ Increased demand in emerging countries
$(-)$ Tougher price competition
Lamps for data projectors
(-) Low market growth
(+) Increase share by strengthening low-end position
New business field
(+) Participate in growth fields such as environment, hygiene, automotive
Solid state light sources
(+) Strengthen lineup to expand into new fields

## Measures

Maintain profitability and grow sustainably
Existing business: Maintain share and improve manufacturing costs
New business: Aggressively enter into growth markets

## Reference: Solid State Light Sources Business

- Establish an independent position in the solid-state light source market
- Specialize in six business domains centered on the industrial field


Reference: Initiatives for Open Innovation - Head Office Showroom


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