

## Internal Recognition: Invention Grand Prize (Excellence Award)

April 2016 Commendations

Prize	Subject	Division	Name
<b>Excellence Award</b>	Diversification of the output waveform for motor sensors	Servo Systems Div., Design Dept. 1	Takayoshi Seki
<b>Excellence Award</b>	An error offset-type measurement apparatus for system impedance	Cooling Systems Div., Design Dept.	Yo Muramatsu, Takahisa Toda, Katsumichi Ishihara, Hikaru Urushimoto
<b>Excellence Award</b>	High-accuracy synchronization controller for motors	Servo Systems Div., Design Dept. 2	Yuji Ide, Michio Kitahara, Toshio Hiraide
<b>Excellence Award</b>	Power converter reducing ripple current	Power Systems Div., Design Dept. 2	Kazuya Nishizawa, Takuya Ozawa

## Internal Recognition: Manufacturing Grand Prize (Excellence Award)

May 2016 Commendations

Prize	Subject	Division	Name
<b>Excellence Award</b>	Automation of linear servo motor/magnet rail assembly	Servo Systems Div., Production Engineering Dept., Production Engineering and Development Sect. Servo Systems Div., Production Engineering Dept., Process Engineering Sect. 2 Human Resources Dept. (On secondment from SANYO DENKI Techno Service Co., LTD.)	Masashi Suzuki Atsushi Hayashi Kazunori Agesawa
<b>Excellence Award</b>	Shift to in-house production of plastic casing molds	Cooling System Div., Production Dept. Production Engineering Sect. 2	Seiji Nishimura, Yoichi Yamada Shinsuke Okubo

## Technical Papers Published Outside the Company in General Technical Journals

January to December 2016

Title of Paper	Authors	Name of Journal	Issued on	Publisher
<b>Feature: 2015 Product and Technology Development from Member Companies and the Results</b>	SANYO DENKI CO., LTD	Electrical Appliances	2016.2	General incorporated association The Japan Electrical Manufacturers' Association
<b>Trends of battery-less encoder technology</b>	Tomohito Yamazaki	TECHNO-FRONTIER 2016 Technology symposium textbook binding (36th Motor Technology Symposium)	2016.4	Japan Management Association (JMA)
<b>Common sense/non-common sense concerning vacuum How to use a stepping motor for vacuum application</b>	Shigenori Miyairi	Vacuum Journal	2016.10	Japan Vacuum Industry Association (JVIA)