

Registration Number	Name	Inventor(s)
China Patent ZL200780038422.6	Motor Rotor And Manufacturing Method Thereof	Toshihito Miyashita, Takashi Matsushita, Norihito Tanaka
China Patent ZL200780041396.2	Counter-Rotating Axial-Flow Fan	Jirou Watanabe, Toshiya Nishizawa, Yasuhiro Maruyama
China Patent ZL200810004045.0	Axial-Flow Fan	Toshiyuki Nakamura, Shigekazu Mitomo, Atsushi Yanagisawa
China Patent ZL200810092259.8	Counter-Rotating Axial-Flow Fan	Toshiya Nishizawa, Yasuhiro Maruyama, Hayato Murayama
China Patent ZL200810092266.8	Counter-Rotating Axial-Flow Fan	Honami Osawa, Katsumichi Ishihara, Toshiyuki Nakamura
China Patent ZL200810095613.2	Axial-Flow Fan With Double Impellers	Takashi Kaise, Yoshihiko Aizawa, Seiji Nishimura
Patent 4758374	Linear Motor	Satoshi Sugita, Kouji Misawa
Patent 4758512	Installation structure for electric components, and connector adapters	Takao Oshimori
Patent 4786069	Electronic Component Cooling Apparatus	Michinori Watanabe, Toshiki Ogawara, Haruhisa Maruyama
Patent 4808482	Axial-Flow Fan	Masashi Miyazawa, Toshiki Ogawara, Tomoaki Ikeda
Patent 4819762	Power Supply System And Control Method For Power Supply System	Yoshiaki Okui, Co-developed with NTT Facilities and Aichi Institute of Technology
Patent 4846350	Linear Motor	Satoshi Sugita, Kouji Misawa
Patent 4870912	Method Of Determining Pole Arc Ratio Of Interior Permanent Magnet Rotary Motor And Interior Permanent Magnet Rotary Motor	Toshihito Miyashita, Satoru Onodera
Patent 4871143	Stator For Rotary Electric Machine	Akira Koike, Ikuo Takeshita
Patent 4871189	Axial Flow Fan	Toshiyuki Nakamura
Patent 4871303	Counter-Rotating Axial-Flow Fan	Katsumichi Ishihara, Honami Osawa
Patent 4871376	Electronic Component Cooling Apparatus	Tomoaki Ikeda, Masashi Miyazawa, Masayuki Iijima, Kouji Ueno, Co-developed with Intel Corporation
Patent 4880763	Motor controller and device	Yuuji Ide, Michio Kitahara
Patent 4913849	Start-up method for utility interactive inverter devices	Minoru Yanagisawa, Takashi Kobayashi
Patent 4925720	Movable Assembly For Cylinder-Type Linear Motor	Yu Qi Tang, Satoshi Sugita, Satoru Onodera

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

May 2011 Commendations

Prize	Title of Paper	Division	Name
Excellence Award	Method and Device for Determining Deterioration of Permanent Magnets in Electric Equipment	Servo Systems Division, 1st Design Dept. Servo Systems Division, 1st Design Dept. Servo Systems Division, 1st Design Dept.	Akihiko Takahashi Kouji Misawa Manabu Horiuchi
Excellence Award	Method and Device for Detecting the Motor Insulation Degradation	Servo Systems Division, 2nd Design Dept.	Yuuji Ide
Excellence Award	High Performance Counter Rotating Cooling Fan	Cooling Systems Division, Design Dept. Cooling Systems Division, Design Dept.	Atsushi Yanagisawa Honami Osawa