



UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment abstract of title for Application 11898145

Invention title/Inventor	Patent	Publication	Application	PCT	International registration
A MICROCONTROLLER FOR CONTROLLING POWER SHUTDOWN PROCESS Yukari Suginaka, Toshifumi Hamaguchi, Yoshitaka Kitao, Shinya Muramatsu	7930575 Apr 19, 2011	20080065920 Mar 13, 2008	11898145 Sep 10, 2007		

Assignments (4 of 4 total)

Assignment 4

Reel/frame	Execution date	Date recorded	Properties	Pages
031997/0445	Dec 13, 2013	Jan 13, 2014	494	52

Conveyance

LIEN (SEE DOCUMENT FOR DETAILS).

Assignors

COLLABO INNOVATIONS, INC.

Correspondent

COLLABO INNOVATIONS, INC.
600 ANTON BLVD. SUITE 1350
COSTA MESA, CA 92626

Assignee

PANASONIC CORPORATION
1006, OAZA KADOMA, KADOMA-SHI
OSAKA 571-8501
JAPAN

Assignment 3

Reel/frame	Execution date	Date recorded	Properties	Pages
033021/0806	Dec 12, 2013	May 26, 2014	494	50

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

PANASONIC CORPORATION

Correspondent

COLLABO INNOVATIONS, INC.
303 TERRY FOX DRIVE, SUITE 300
OTTAWA, K2K 3J1 CANADA

Assignee

COLLABO INNOVATIONS, INC.
303 TERRY FOX DRIVE, SUITE 300
OTTAWA K2K 3J1
CANADA

Assignment 2

Reel/frame	Execution date	Date recorded	Properties	Pages
021897/0606	Oct 01, 2008	Nov 21, 2008	500	18

Conveyance

CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

Assignors

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Correspondent

KENJI KAMATA

1130 CONNECTICUT AVE., N.W., SUITE
1100
PANASONIC PATENT CENTER
WASHINGTON, DC 20036

Assignee

PANASONIC CORPORATION
1006 OAZA KADOMA, KADOMA-SHI
OSAKA 571-8501
JAPAN

Assignment 1

Reel/frame	Execution date	Date recorded	Properties	Pages
020553/0728	Aug 28, 2007	Feb 25, 2008	1	2

Conveyance

ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors

SUGINAKA, YUKARI
HAMAGUCHI, TOSHIFUMI
KITAO, YOSHITAKA
MURAMATSU, SHINYA

Correspondent

KENJI KAMATA
1130 CONNECTICUT AVE., N.W., SUITE
1100
PANASONIC PATENT CENTER
WASHINGTON, DC 20036

Assignee

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006 OAZA KADOMA, KADOMA-SHI
OSAKA 571-8501
JAPAN