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U.S. Patent No. 8,477,514 – Samsung EP-TA845

Title: POWER SYSTEM WITH POWER CONVERTERS HAVING AN ADAPTIVE CONTROLLER

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MYPAQ-SAMSUNG EXHIBIT 16

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Claims: 6, 7, 8, 10

· All the claim elements identified herein are literally and equivalently present in the Accused Instrumentalities.

 \cdot For clarity, the portion of a cited reference that is relied upon for support may also be reproduced in the chart. Also, earlier, later or otherwise different versions of the reference may be available but not specifically cited.

• The portion of the Accused Instrumentality covered by a claim element is typically identified by an arrow and/or outlined in color. Such identification is exemplary, not exclusive or exhaustive. The Asserted Claims are open ended, close ended or improperly restricted. Additional portions of the Accused Instrumentality might also be covered by the claim element but might not be identified in the chart.

• All quantitative figures, qualitative figures and data cited in the chart are subject to measurement and/or computation variation.

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Claim 6

A (SYS) power system, comprising:

a (**PSC**) **power system controller** configured to provide a (**COM**) **signal** characterizing a (**PREQ**) **power requirement** of a (**PRO**) **processor system**; and

a (PC) power converter coupled to said (PRO) processor system, comprising:

a (**PS**) **power switch** configured to conduct for a (**DC**) **duty cycle** to provide an (**OC**) **output characteristic** a (**OUT**) **output** thereof, and

a (CON) power converter controller configured to receive a (COM) signal from said (PSC) power system controller to control an (IOC) internal operating characteristic of said (PC) power converter as a function said (COM) signal.

Claim 7

The (SYS) power system as recited in claim 6 wherein

said (CON) power converter controller is further configured to provide another (OS) signal to control said (duty cycle of said (PS) power switch as a function of said (OC) output characteristic and in accordance with said (COM) signal.

Claim 8

The (SYS) power system as recited in claim 6 wherein said (CON) power converter controller is configured adjust said (IOC) internal operating characteristic over a (TTIM) period of time.

Claim 10

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The **(SYS)** power system as recited in claim 6 wherein said **(IOC)** internal operating characteristic is select from the group consisting of:

a gate drive voltage level of said (PS) power switch of said (PC) power converter,

a switching frequency of said (PC) power converter, and

an (DCBV) internal direct current bus voltage of said (PC) power converter.

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Claim 6 A (SYS) power system, comprising: Getting started Set up your device Charge the battery | Wireless power sharing Your device uses a nano-SIM card. A SIM card may be preinstalled, or you may be able to use your previous SIM card. Contact your carrier for more details. Install SIM Charge your device Place the SIM card into the Before turning on your device, charge it fully. tray with the gold contacts facing up. - Constant of the set of mobile devices on an aircraft or a ship may be subject to federal and local guidelines and restrictions. Check with appropriate authorities and always follow crew instructions regarding when and how you may use your device. 8 Samsung Electronics America, Inc., User Manual Samsung Electronics Co., Ltd., Users Guide for for Samsung Galaxy S21 5G, S21+ 5G, and S21 Samsung EP-TA865 at p. 71. Ultra 5G at p. 8 (2021).

These are typical examples of Samsung generally instructing users of its power converters to couple them to loads.

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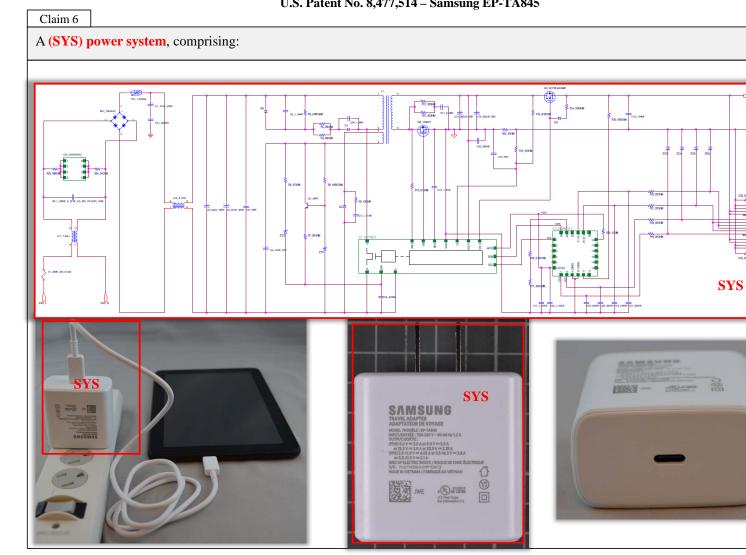
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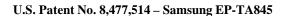
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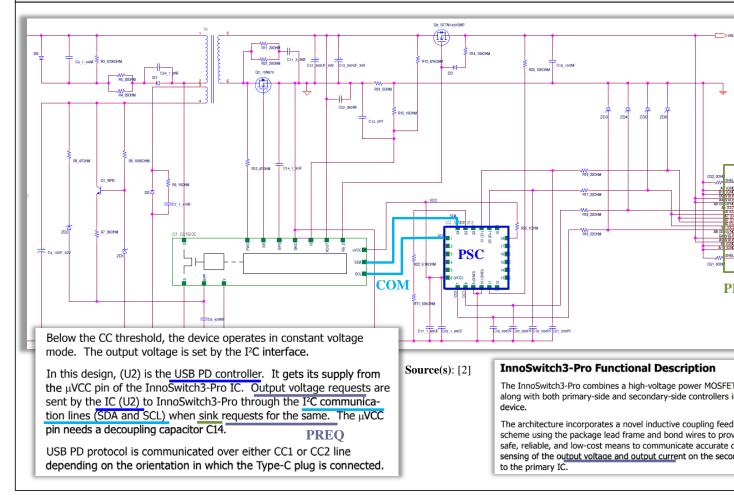
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