



US00D831058S

(12) **United States Design Patent** (10) **Patent No.:** **US D831,058 S**
Genstler et al. (45) **Date of Patent:** **** Oct. 16, 2018**

(54) **MEDICAL DEVICE CONTROL UNIT
DISPLAY SCREEN WITH GRAPHICAL USER
INTERFACE**

(71) Applicant: **EKOS CORPORATION**, Bothell, WA
(US)

(72) Inventors: **Curtis Genstler**, Snohomish, WA (US);
William Russell Kanz, Woodinville,
WA (US); **Michael George Svob**,
Everett, WA (US); **William Lyle
Richardson**, Duvall, WA (US); **Jeff
Ladwig**, Seattle, WA (US); **Amy
Brumet**, Seattle, WA (US); **Eric Wahl**,
Redmond, WA (US); **David Kalamen**,
Redmond, WA (US); **Stephanie
Seraphina**, Redmond, WA (US); **Alex
Hay**, Bothell, WA (US)

(73) Assignee: **EKOS CORPORATION**, Bothell, WA
(US)

(**) Term: **15 Years**

(21) Appl. No.: **29/609,910**

(22) Filed: **Jul. 6, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/503,035, filed on
Sep. 22, 2014, now Pat. No. Des. 794,662.

(51) **LOC (11) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/486**

(58) **Field of Classification Search**
USPC D14/485–488
CPC A61B 5/02; G06F 19/3406; G06F 17/246;
G06F 3/0482; G06F 3/04842; G06F
19/3418; G06F 19/34; G11B 19/025;
H04M

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D238,905 S 2/1976 Sokol
4,006,743 A 2/1977 Kowarski
D247,251 S 2/1978 Napoli
(Continued)

FOREIGN PATENT DOCUMENTS

CN 301040544 S 10/2009
CN 301877182 S 4/2012
JP D1456367 S 11/2012

OTHER PUBLICATIONS

“EkoSonic® MACH4e”, EKOS Advertisement, Venous Times,
Issue 6, dated Jan. 2010, p. 3.

Primary Examiner — Karen E Kearney

Assistant Examiner — Katherine A Holbrow

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson
& Bear LLP

(57) **CLAIM**

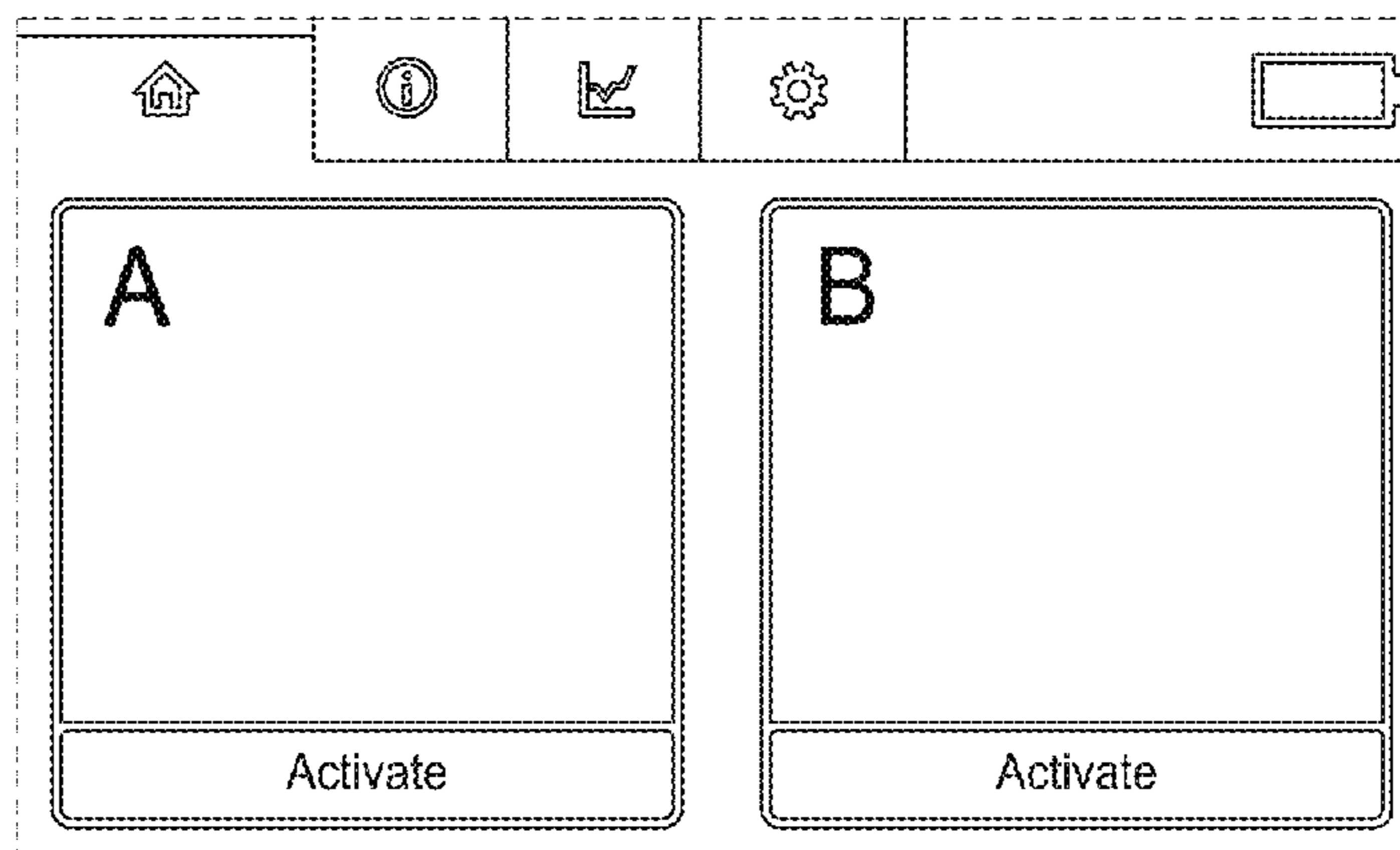
The ornamental design for a medical device control unit
display screen with graphical user interface, as shown and
described.

DESCRIPTION

FIG. 1 is a front view of a medical device control unit
display screen with graphical user interface, showing the
new design; and,
FIG. 2 is a perspective view of a medical device control unit
showing the design of FIG. 1.

The broken line showing of the device is included for the
purpose of illustrating environmental structure and forms no
part of the claimed design. The broken line showing of the
display screen is included for the purpose of illustrating
portions of the article and forms no part of the claimed

(Continued)



design. The perimeters of the underlying medical device control unit display screen and the graphical user interface are understood to be flush.

1 Claim, 2 Drawing Sheets

(58) **Field of Classification Search**

CPC 1/2477; G06Q 50/22; G06Q 50/24; G06Q 10/10; G06Q 10/06; G06T 2207/30004
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,312,361 A 1/1982 Nicholson et al.
D264,128 S 4/1982 Barnes et al.
D296,240 S 6/1988 Albright et al.
D330,424 S 10/1992 Davis et al.
5,461,708 A 10/1995 Kahn
D380,543 S 7/1997 Piontek et al.
D427,574 S * 7/2000 Sawada D14/486
6,493,731 B1 12/2002 Jones et al.
D526,655 S * 8/2006 McDougall D14/485
D534,654 S 1/2007 Hayamizu
7,178,109 B2 2/2007 Hewson et al.
7,235,063 B2 6/2007 D'Antonio et al.
D555,165 S * 11/2007 Myers D14/487
D564,094 S 3/2008 Hayashi
D564,661 S 3/2008 Hayashi
D574,961 S 8/2008 Kitahara et al.
D578,543 S * 10/2008 Ulm D14/487
D592,754 S 5/2009 Koike et al.
D593,117 S * 5/2009 Lettau D14/488
7,615,030 B2 11/2009 Murphy et al.
D617,332 S * 6/2010 Loken D14/485
D622,841 S 8/2010 Bierman
D630,727 S 1/2011 Petrovic et al.
D637,287 S 5/2011 Mudd et al.
D643,117 S 8/2011 Onuma
D644,649 S * 9/2011 Fullington D14/485
D651,212 S 12/2011 Bakhreiba et al.
D658,667 S * 5/2012 Cho D14/486
D659,151 S * 5/2012 Loken D14/485
D664,257 S 7/2012 Patil
D664,985 S 8/2012 Tanghe et al.
D670,714 S 11/2012 Majeed et al.
D670,716 S 11/2012 Majeed et al.
D670,725 S 11/2012 Mori et al.
D671,552 S 11/2012 Mori et al.

D676,562 S 2/2013 Marzynski
D685,815 S 7/2013 Bork et al.
D692,907 S * 11/2013 Schuller D14/486
D694,774 S * 12/2013 Schuller D14/486
D698,925 S 2/2014 Marzynski
D700,343 S 2/2014 Liu
8,762,880 B2 * 6/2014 Dukhon G06F 17/24
715/781
D709,515 S 7/2014 Elston et al.
8,771,186 B2 7/2014 Kinsley et al.
D711,001 S 8/2014 Boudier
D714,339 S * 9/2014 Hendrickson D14/487
D714,948 S 10/2014 Vaccarella
D725,784 S 3/2015 Xia et al.
D733,178 S 6/2015 Omiya
9,050,123 B2 6/2015 Krause et al.
D733,720 S 7/2015 Mueller et al.
D733,738 S 7/2015 Omiya
D734,475 S 7/2015 Ross
D741,351 S 10/2015 Kito et al.
D741,871 S * 10/2015 Chung G06F 3/04817
D14/485
D748,124 S * 1/2016 Jeon D14/486
D755,818 S * 5/2016 Seo D14/486
D758,397 S * 6/2016 Lee D14/486
D763,298 S * 8/2016 Hoang D14/487
D767,583 S 9/2016 Xiong
D767,584 S 9/2016 Xiong
D772,252 S 11/2016 Myers et al.
D773,491 S * 12/2016 Ahdritz D14/486
D776,688 S 1/2017 Gamel
D779,539 S * 2/2017 Lee D14/486
D782,496 S * 3/2017 Contreras D14/485
D783,028 S * 4/2017 Lee D14/485
D788,145 S * 5/2017 Sullivan D14/486
D794,662 S * 8/2017 Genstler D14/486
D812,075 S * 3/2018 Fukagawa D14/486
2004/0111195 A1 6/2004 Vries et al.
2005/0278633 A1 12/2005 Kemp
2008/0115064 A1 * 5/2008 Roach G06F 3/04817
715/730
2008/0228526 A1 9/2008 Locke et al.
2008/0235872 A1 10/2008 Newkirk et al.
2008/0290114 A1 11/2008 Cabuz
2013/0073306 A1 3/2013 Shlain et al.
2014/0226901 A1 8/2014 Spracklen et al.
2015/0095807 A1 * 4/2015 Duncker G06F 17/30873
715/753
2015/0178044 A1 6/2015 Ehlen et al.
2016/0082243 A1 * 3/2016 Genstler A61B 8/12
604/22

* cited by examiner

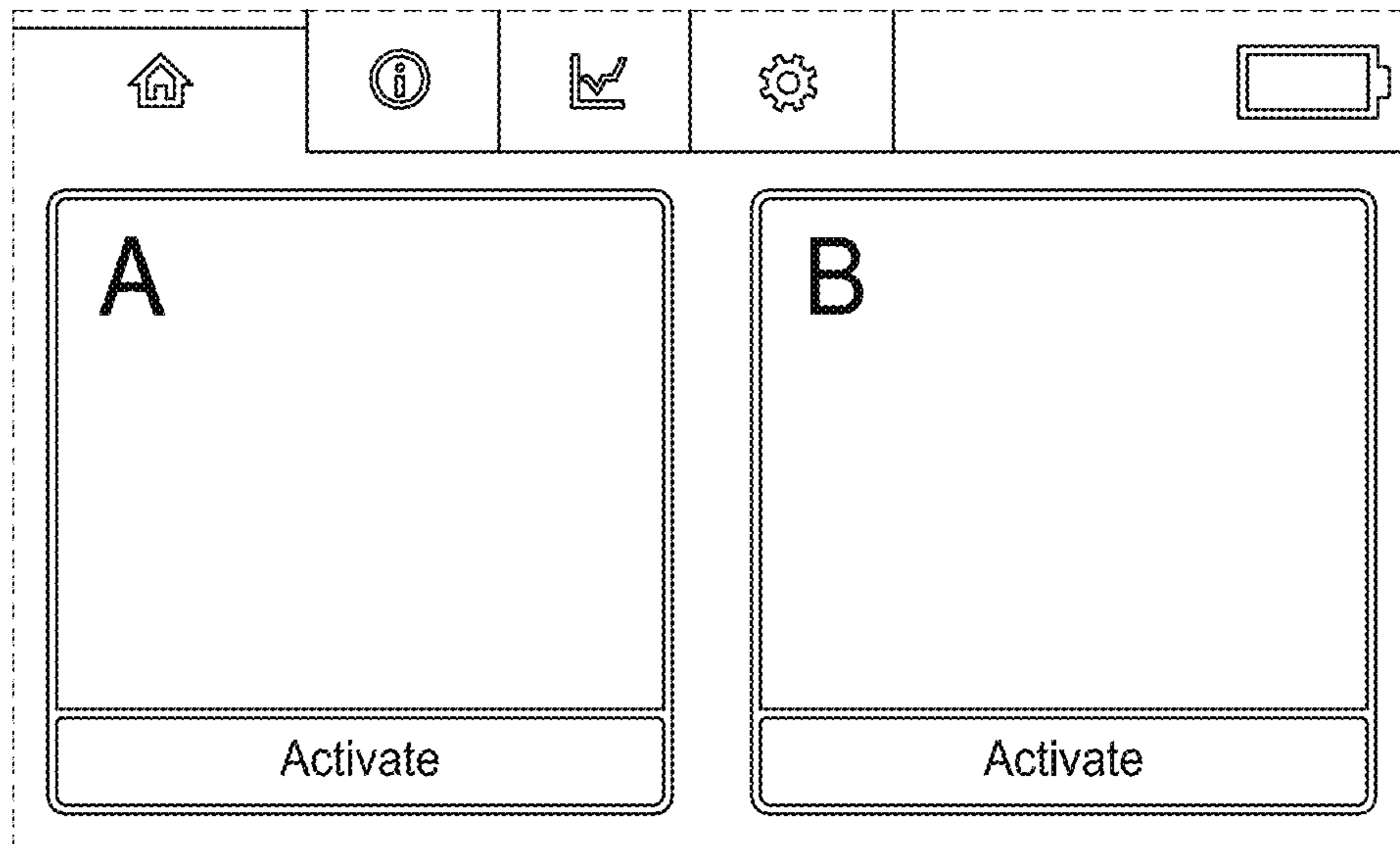


FIG. 1

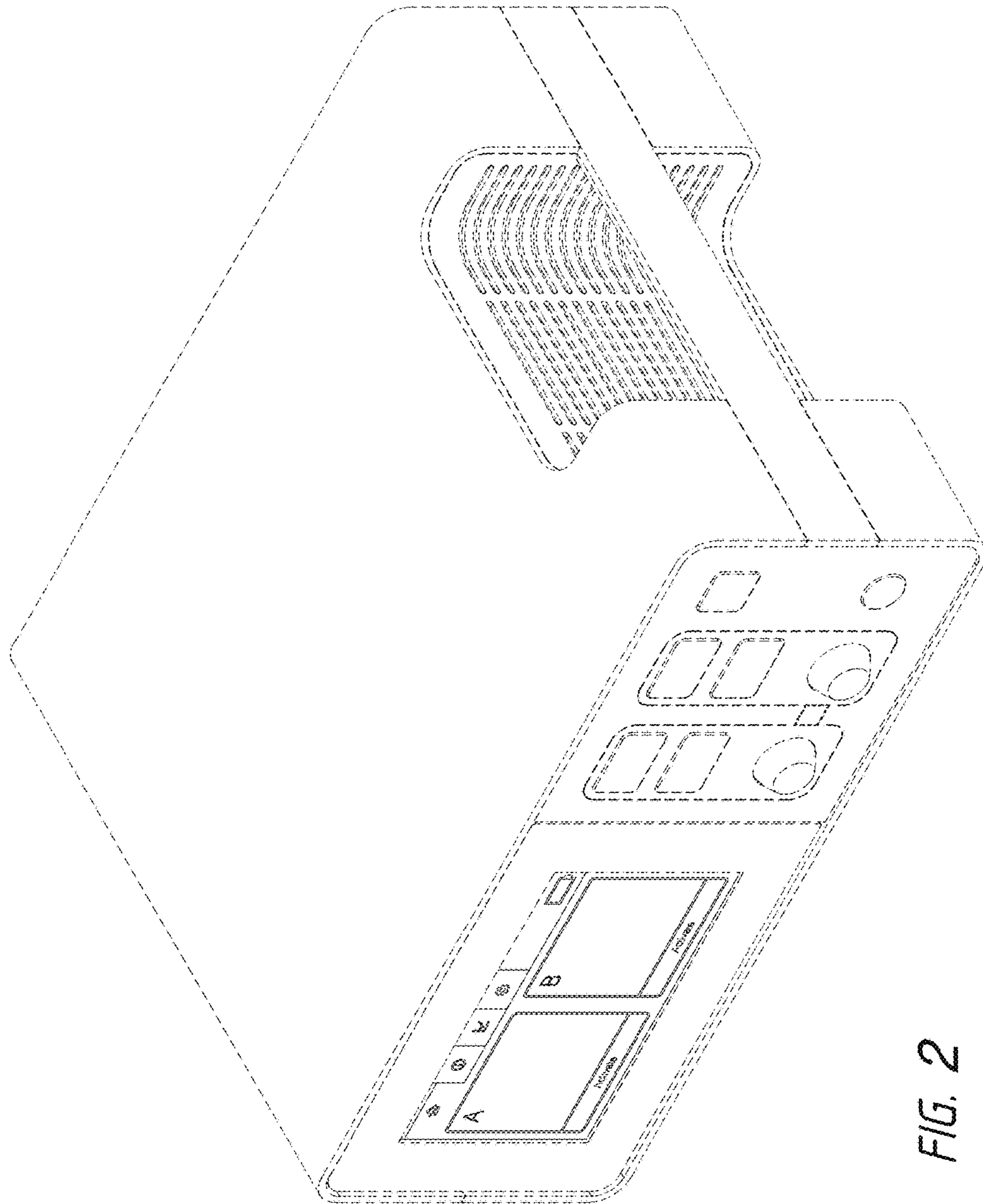


FIG. 2