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(12) **United States Design Patent**
Casey

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(45) **Date of Patent:** **** *Jul. 19, 2022**

(54) **DISPLAY SCREEN WITH A GRAPHICAL USER INTERFACE FOR SURGICAL PLANNING**

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(71) Applicant: **CarlsMed, Inc.**, Carlsbad, CA (US)

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(73) Assignee: **Carlsmed, Inc.**, Carlsbad, CA (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(Continued)

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

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(21) Appl. No.: **29/658,309**

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(22) Filed: **Jul. 30, 2018**

(Continued)

(51) **LOC (13) Cl.** **14-04**

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(52) **U.S. Cl.**
USPC **D14/485**

International Search Report and Written Opinion for International Application No. PCT/US21/45503, dated Jan. 11, 2022, 19 pages.

(58) **Field of Classification Search**

(Continued)

USPC D14/485-495
CPC G06F 3/048; G06F 3/0481; G06F 3/04812;
G06F 3/04815; G06F 3/04817; G06F 3/0482;
G06F 3/0483; G06F 3/0484; G06F 3/04842;
G06F 3/04845; G06F 3/04847; G06F 3/0485;
G06F 3/04855; G06F 3/0486; G06F 3/0487; G06F 3/04883;
G06F 3/04886; G06F 3/0488

Primary Examiner — Daniel J Domino
(74) *Attorney, Agent, or Firm* — Perkins Coie LLP

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a display screen with a graphical user interface for surgical planning, as shown and described.

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DESCRIPTION

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The FIGURE illustrates a view of a display screen with a graphical user interface for surgical planning according to the design.

The broken lines showing a display screen and elements of the graphical user interface illustrate portions of the article, and form no part of the claimed design.

1 Claim, 1 Drawing Sheet

| | | | |
|----------------------|--|---------|---------------|
| Designer: | DLA | | |
| Percent ID: | 2018040000 | | |
| Proprietor ID: | 2018040000 | | |
| Applicant PNs: | 2018040000 2018040000 2018040000 2018040000 2018040000 | | |
| Surgery date: | 10/10/2018 | | |
| Levels: | 11 - 31 | 11 - 31 | |
| Pl: | 55 deg | 55 deg | |
| Factorial (degrees): | 40 deg | 40 deg | |
| - 11/2 | 5 | 5 | |
| - 12/3 | 5 | 10 | |
| - 13/4 | 7 | 10 | |
| - 14/5 | 2 | 12 | |
| - 15/31 | 15 | 20 | |
| Elliptic height: | 45mm | 57mm | |
| - 11/2 | 7 | 9 | |
| - 12/3 | 9 | 12 | |
| - 13/4 | 10 | 14 | |
| - 14/5 | 11 | 15 | |
| - 15/31 | 2 | 10 | |
| Clonoid angle: | 9 deg | 0 | |
| - 11/2 | 2 | 0 | |
| - 12/3 | 10 | 0 | |
| - 13/4 | 0 | 0 | |
| - 14/5 | 0 | 0 | |
| - 15/31 | 0 | 0 | |
| Assessment: | valid | given | Approved: DXX |

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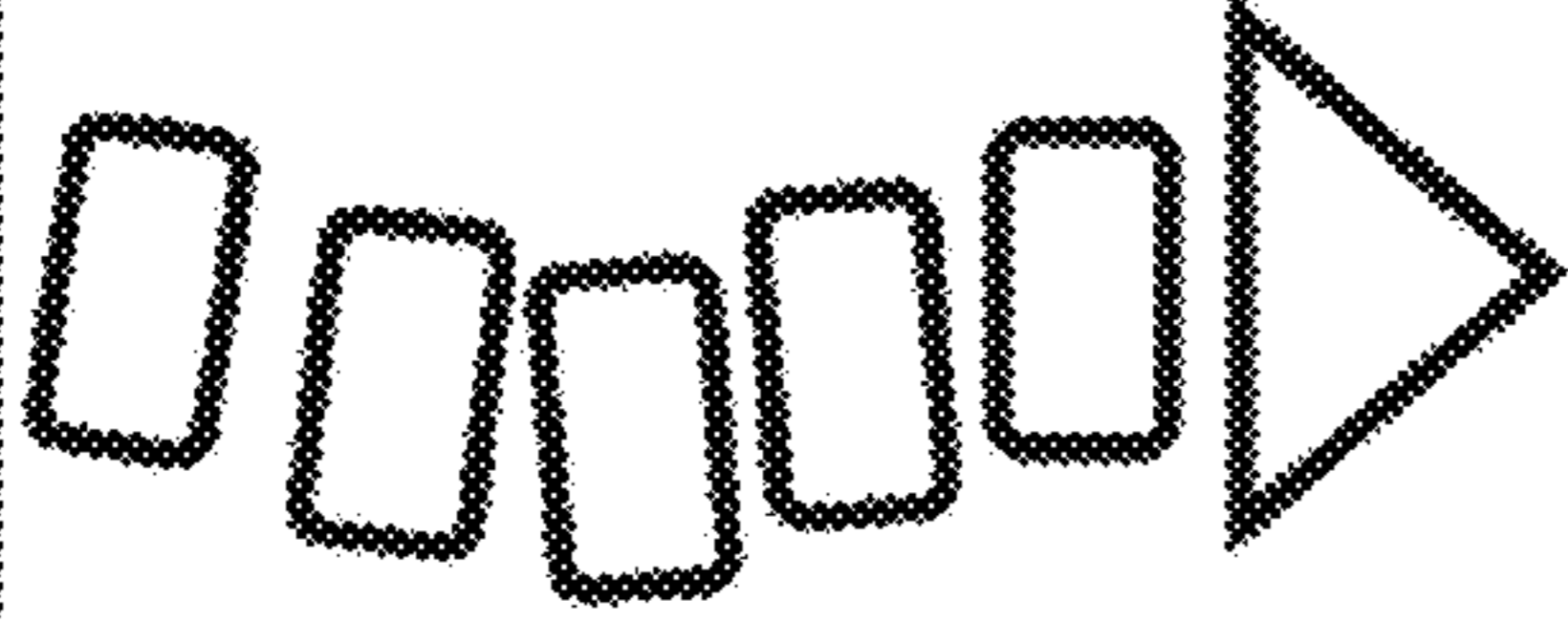
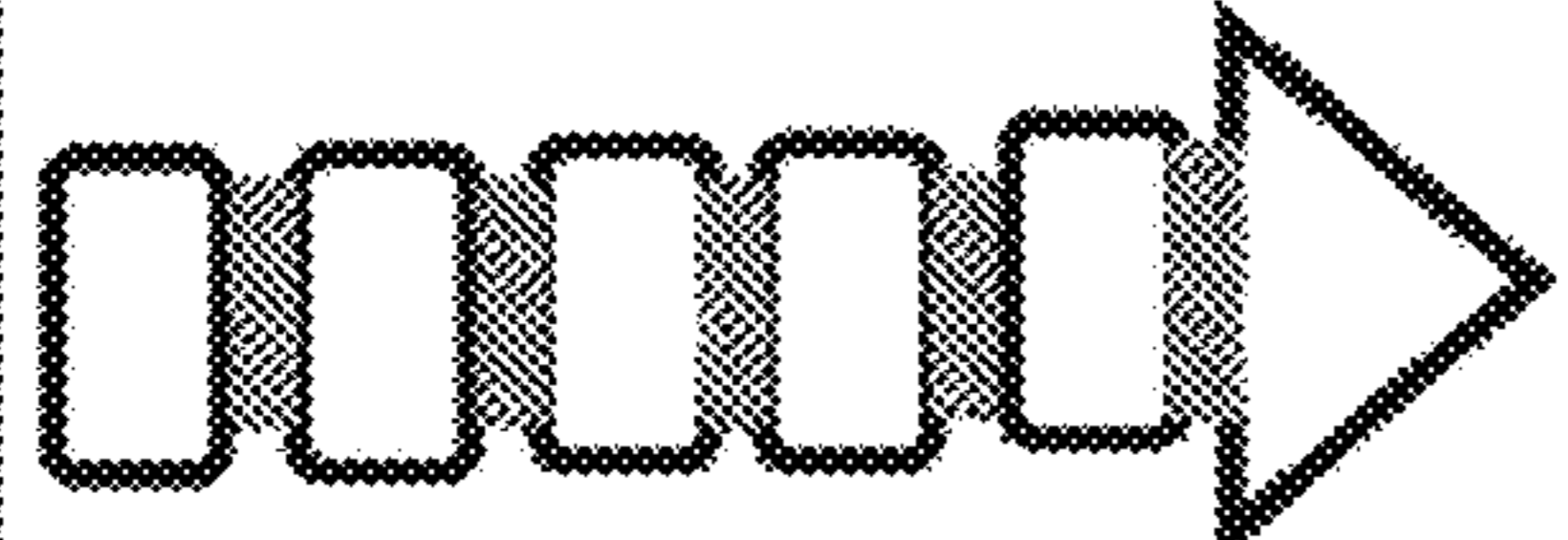
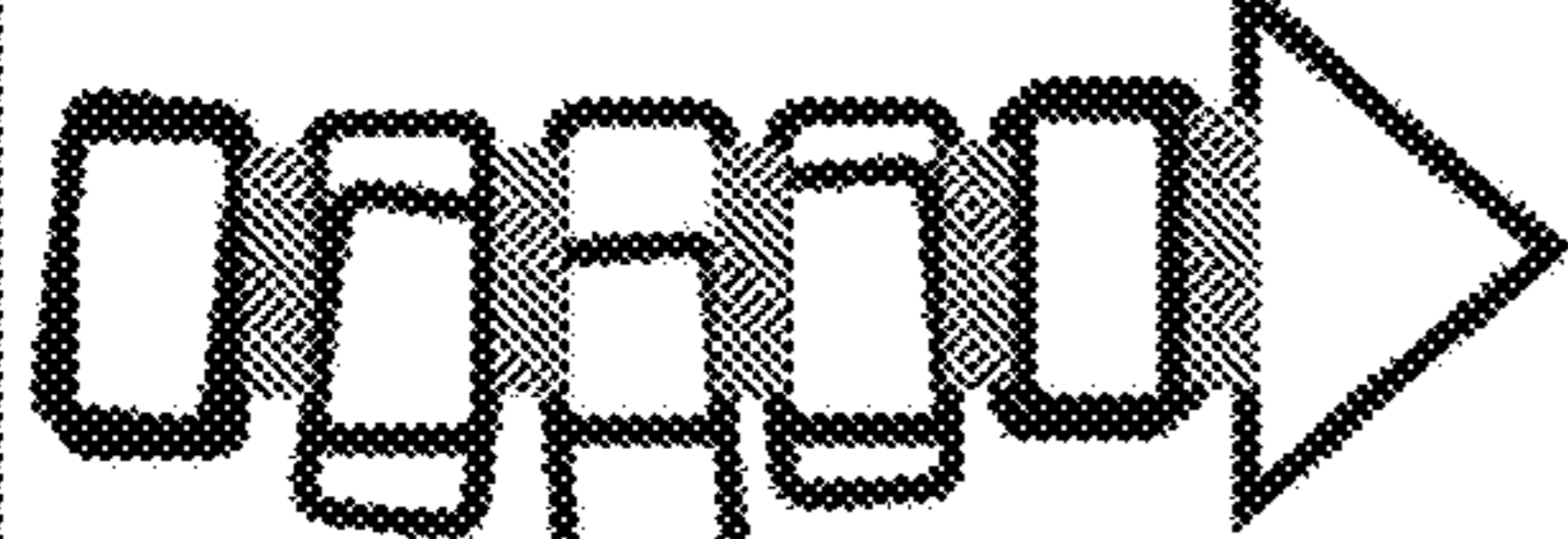
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| | | | | |
|--------------------|---|--|---|--|
| Surgeon: | Dr. X |  <p>Pathology</p> |  <p>Correction</p> |  <p>Overlay</p> |
| Patient ID: | 2018XXXXXX | | | |
| Prescription ID: | 2018XXXXXX | | | |
| Implant PNs: | 2018XXXXX 2018XXXXX 2018XXXXX 2018XXXXX 2018XXXXX | | | |
| Surgery date: | 10/12/2018 | | | |
| Levels | L1-S1 | Pathology | Correction | Overlay |
| PI | L1-S1 | 55 deg | 55 deg | Not |
| Lordosis (degrees) | 40 deg | 60 deg | 60 deg | |
| - L1/2 | 5 | 8 | 8 | |
| - L2/3 | 5 | 10 | 10 | |
| - L3/4 | 7 | 10 | 10 | |
| - L4/5 | 8 | 12 | 12 | |
| - L5/S1 | 16 | 20 | 20 | |
| Disc height | 45mm | 57mm | 57mm | |
| - L1/2 | 7 | 9 | 9 | |
| - L2/3 | 9 | 12 | 12 | |
| - L3/4 | 10 | 14 | 14 | |
| - L4/5 | 11 | 12 | 12 | |
| - L5/S1 | 8 | 10 | 10 | |
| Coronal angle | 9 deg | 0 | 0 | |
| - L1/2 | 2 | 0 | 0 | |
| - L2/3 | 10 | 0 | 0 | |
| - L3/4 | 0 | 0 | 0 | |
| - L4/5 | -3 | 0 | 0 | |
| - L5/S1 | 0 | 0 | 0 | |
| Assessment | yellow | green | green | Approval: XXX |