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# (12) United States Patent Cabatic et al.

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## (54) CARRYING CASE FOR LIGHTWEIGHT ULTRASOUND DEVICE

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(56) References Cited

#### U.S. PATENT DOCUMENTS

| 4,020,930 A |   | 5/1977 | Weber               |
|-------------|---|--------|---------------------|
| 4,429,793 A | * | 2/1984 | Ehmann 206/570      |
| 4,738,547 A | * | 4/1988 | Brown 383/119       |
| 4,852,783 A | * | 8/1989 | Bryden et al 383/39 |

| 4,967,986 | A          | <b>:</b> | 11/1990 | Schildkraut     | 383/39  |
|-----------|------------|----------|---------|-----------------|---------|
| 5,207,303 | Α          |          | 5/1993  | Oswalt et al.   |         |
| 5,260,884 | Α          |          | 11/1993 | Stern           |         |
| 5,437,367 | Α          |          | 8/1995  | Martin          |         |
| 5,607,054 | Α          |          | 3/1997  | Hollingsworth   |         |
| 5,743,649 | Α          | *        | 4/1998  | Gonzalez        | 383/39  |
| 5,848,700 | Α          |          | 12/1998 | Horn            |         |
| 6,173,835 | B1         |          | 1/2001  | Swinger et al.  |         |
| 6,220,436 | B1         | *        | 4/2001  | Chung           | 383/119 |
| 6.291.171 | <b>B</b> 1 | *        | 9/2001  | Ricciardi et al | 206/570 |

<sup>\*</sup> cited by examiner

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#### (57) ABSTRACT

A carrying case is dimensioned to present a lightweight ultrasound device and one or more accessory products in an organized fashion, to a physician to reduce set up time for diagnostic examinations. The carrying case having a handle and at least one fastener for securing the carrying case in a closed configuration. The carry case comprising at least one instrument panel, the instrument panel having a top side edge and a bottom edge, and having a plurality of harnesses for the secure positioning of a lightweight ultrasound device, a data recording device and at least one transducer, the instrument panel being substantially inflexible, a first accessory panel being flexibly connected to the top edge of the instrument panel such that the first accessory panel may be folded over the instrument panel.

### 46 Claims, 4 Drawing Sheets

