

#### US006402695B1

# (12) United States Patent Grimm

(10) Patent No.: US 6,402,695 B1

(45) **Date of Patent:** Jun. 11, 2002

### (54) COVER FOR ULTRASOUND PROBE

(76) Inventor: Peter D. Grimm, 1211 East Newton,

Seattle, WA (US) 98102

(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/573,088

(22) Filed: May 17, 2000

### Related U.S. Application Data

(63) Continuation-in-part of application No. 09/419,401, filed on Oct. 14, 1999, now Pat. No. 6,267,726.

(51) Int. Cl.<sup>7</sup> ...... A61B 8/14

(52) **U.S. Cl.** ...... 600/459; 600/462

604/

### (56) References Cited

#### U.S. PATENT DOCUMENTS

5,997,481	Α	*	12/1999	Adams et al	600/459
6,126,607	A	*	10/2000	Whitmore, III et al	600/459
6,267,726	B1	*	7/2001	Grimm	600/459

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

Primary Examiner—Marvin M. Lateef Assistant Examiner—Ali M. Imam (74) Attorney, Agent, or Firm—Jensen & Pontigam, P.S.

# (57) ABSTRACT

The ultrasound probe cover includes a conventional condom which is adapted to fit over an ultrasound probe. The cover is secured to the probe in a water-tight arrangement at the proximal end of the cover by an elastic band. An elongated hollow tube is secured to the surface of the ultrasound probe, which tends to result in an equalization of fluid pressure at both ends of the condom cover during insertion and retraction of the condom into and out of a bodily opening, such as the rectum, of a patient.

## 6 Claims, 2 Drawing Sheets

