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

(10) **Patent No.:** **US D966,662 S**

(45) **Date of Patent:** **** Oct. 18, 2022**

(54) **RADIATION PROTECTION APRON WITH EXOSKELETON**

(71) Applicant: **Barrier Technologies, LLC**, Davie, FL (US)

(72) Inventor: **Marc E. Glickman**, Davie, FL (US)

(73) Assignee: **Barrier Technologies, LLC**, Davie, FL (US)

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

(21) Appl. No.: **29/758,114**

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(51) **LOC (13) Cl.** **02-02**

(52) **U.S. Cl.**
USPC **D2/861**

(58) **Field of Classification Search**
USPC D2/861, 720, 864; D29/100
CPC G21F 3/03; A41D 13/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,494,664	A *	1/1950	Lubow	A41D 13/04
					2/457
3,093,829	A *	6/1963	Witt	A41D 13/04
					2/457
3,557,384	A *	1/1971	Barron et al.	F41H 1/02
					2/2.5
3,996,620	A *	12/1976	Maine	A41D 13/04
					2/457

(Continued)

FOREIGN PATENT DOCUMENTS

CN	207531919	*	6/2018
KR	101880620	*	7/2018
TW	M387538	*	9/2010

OTHER PUBLICATIONS

Bosky XRay Apron posted to amazon.com. Available date: Nov. 10, 2019 [site visited Jul. 22, 2022] Available: <https://www.amazon.com/equivalency-Protection-Maroon-Radiation-protection/dp/B0819MJWZT/ref=sr_1_51?keywords=Lead+Aprons&qid=1658506535&sr=8-51> (Year: 2019).*

com/equivalency-Protection-Maroon-Radiation-protection/dp/B0819MJWZT/ref=sr_1_51?keywords=Lead+Aprons&qid=1658506535&sr=8-51> (Year: 2019).*

Primary Examiner — Kevin K Rudzinski

(74) *Attorney, Agent, or Firm* — Fleit Intellectual Property Law; Jon Gibbons

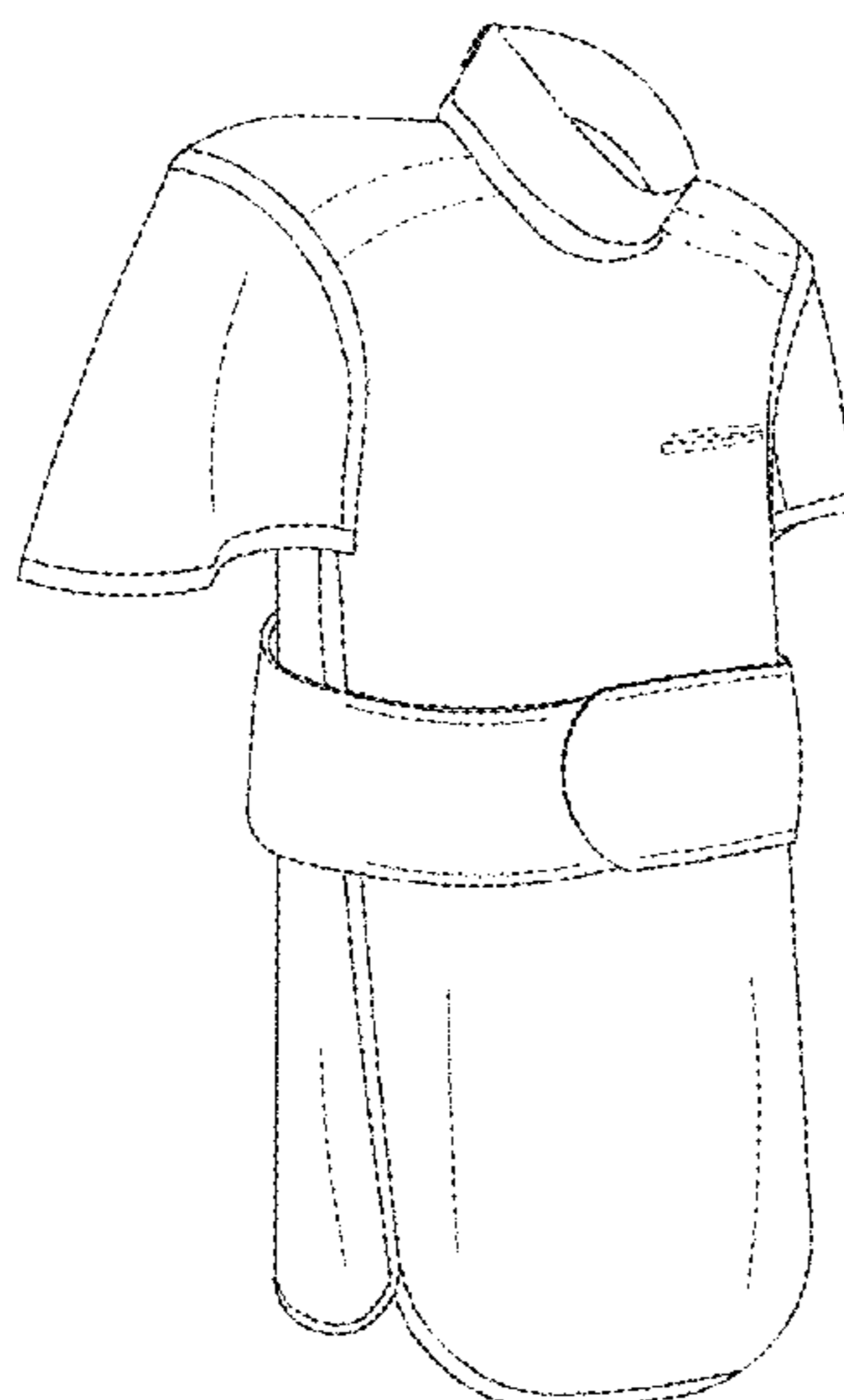
(57) **CLAIM**

The ornamental design for a radiation protection apron with exoskeleton, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a radiation protection apron with exoskeleton, showing my new design;
FIG. 2 is a front elevations view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a rear elevations view of the radiation protection apron partially open showing the exoskeleton;
FIG. 9 is a perspective view of a second embodiment of a radiation protection apron with exoskeleton, showing my new design;
FIG. 10 is a front elevations view thereof;
FIG. 11 is a rear elevational view thereof;
FIG. 12 is a left side elevational view thereof;
FIG. 13 is a right side elevational view thereof;
FIG. 14 is a top plan view thereof;
FIG. 15 is a bottom plan view thereof; and,
FIG. 16 is a rear elevations view of the radiation protection apron partially open showing the exoskeleton.
The broken lines shown in the figures illustrate portions of the article and form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,183,097	A *	1/1980	Mellian	F41H 1/02 2/2.5
4,196,355	A *	4/1980	Maine	G21F 3/03 250/516.1
4,441,025	A *	4/1984	McCoy, Jr.	G21F 3/03 2/2.5
4,602,386	A *	7/1986	Hoffman	A41D 13/04 2/457
4,766,608	A *	8/1988	Cusick	G21F 3/03 D29/101.4
D310,905	S *	10/1990	Marchione	D29/100
5,015,865	A *	5/1991	Sayers	G21F 3/03 250/516.1
5,745,925	A *	5/1998	Ghilardi	G21F 3/02 2/457
D430,958	S *	9/2000	Stiff	D29/100
D482,499	S *	11/2003	Garrido	D29/100
D594,184	S *	6/2009	Mitchell	D2/864
9,754,690	B2 *	9/2017	Rebar	G21F 1/106
D811,012	S *	2/2018	Ballsieper	D29/100
D844,287	S *	4/2019	Pasko	D2/720
10,463,088	B2 *	11/2019	Glickman	G21F 3/025
2014/0367594	A1 *	12/2014	Reynolds	A41D 27/18 250/516.1

* cited by examiner

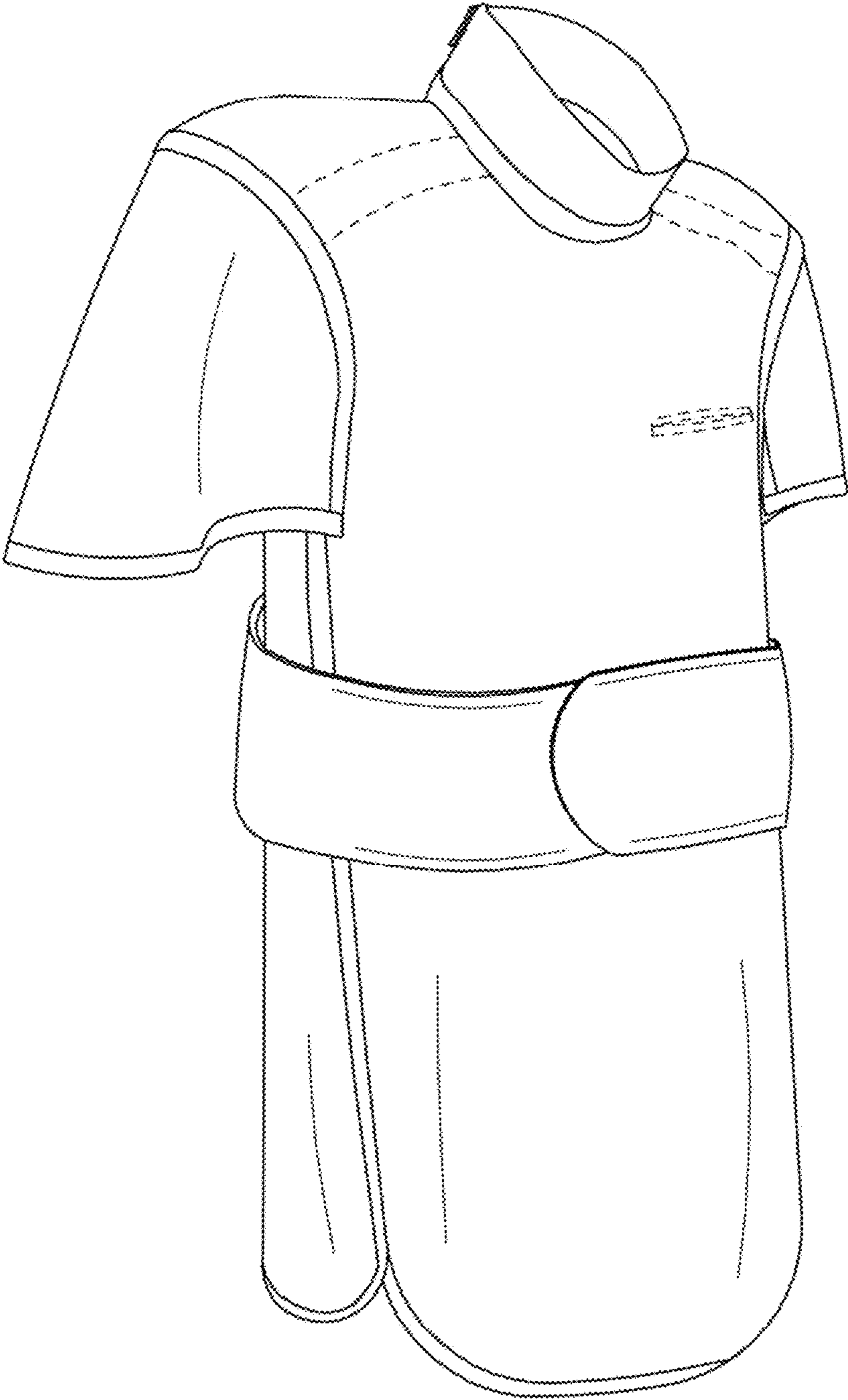


FIG. 1

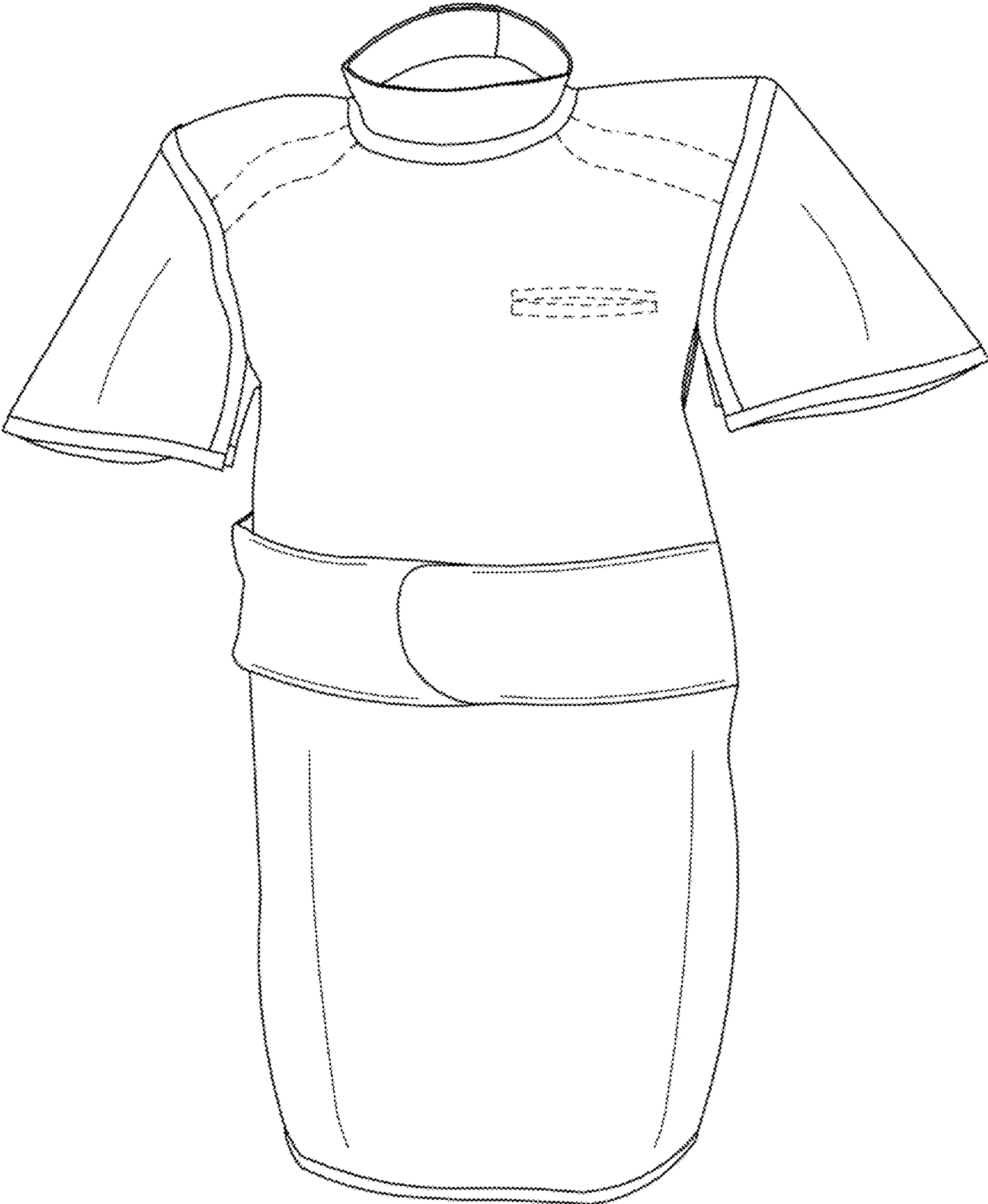


FIG. 2



FIG. 3

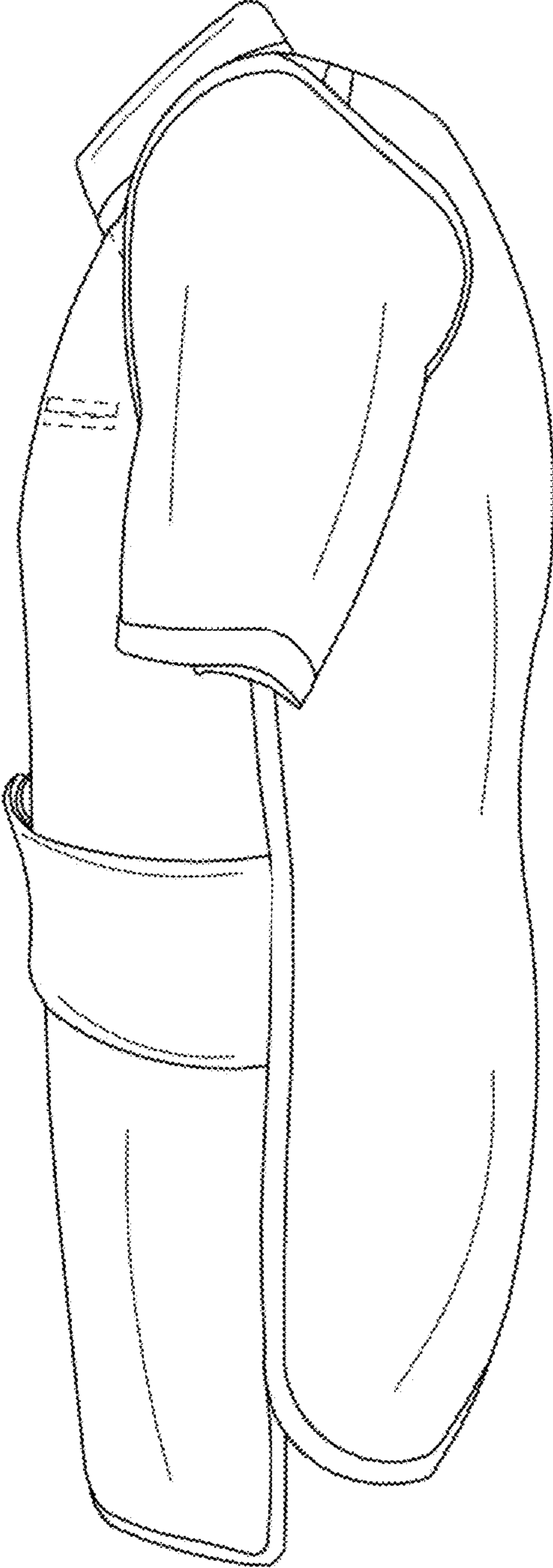


FIG. 4

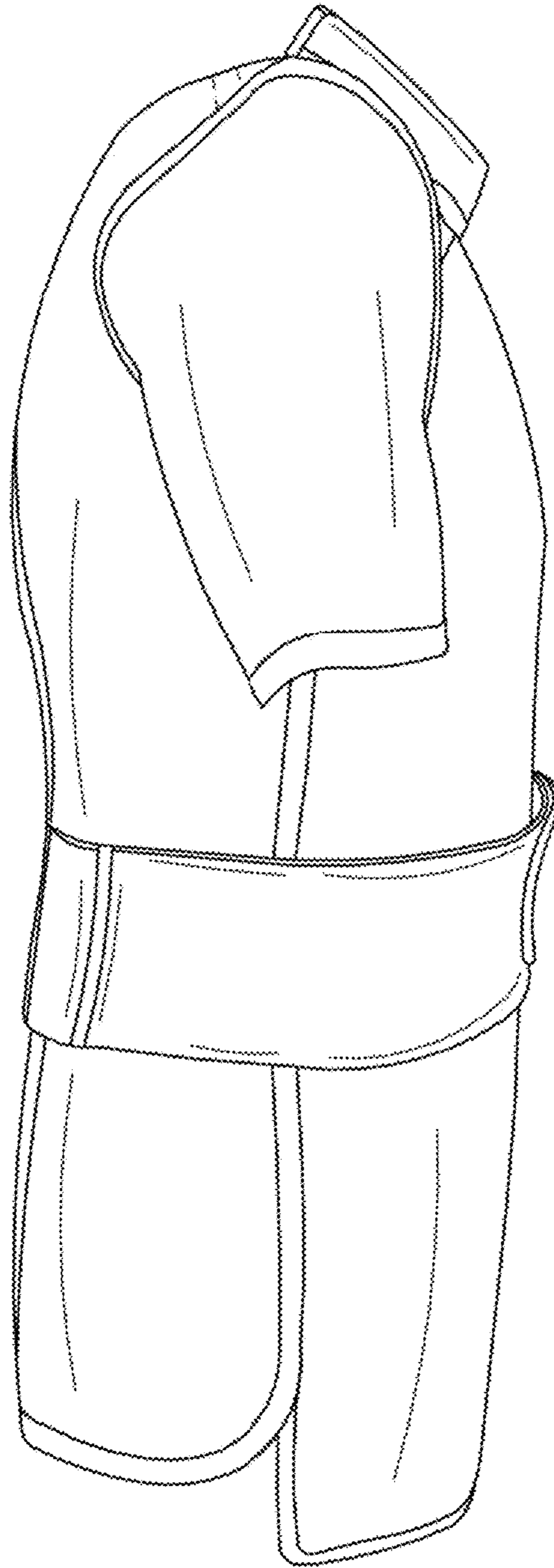


FIG. 5

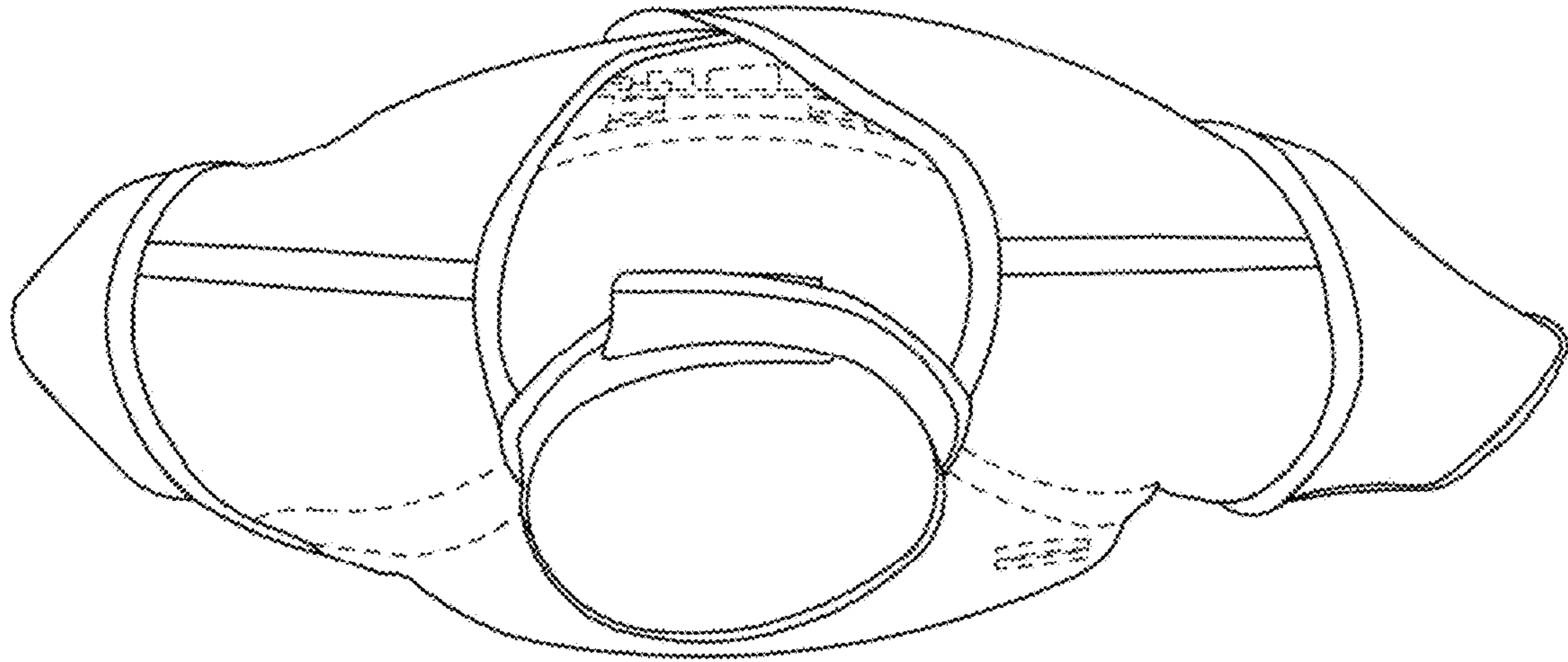


FIG. 6

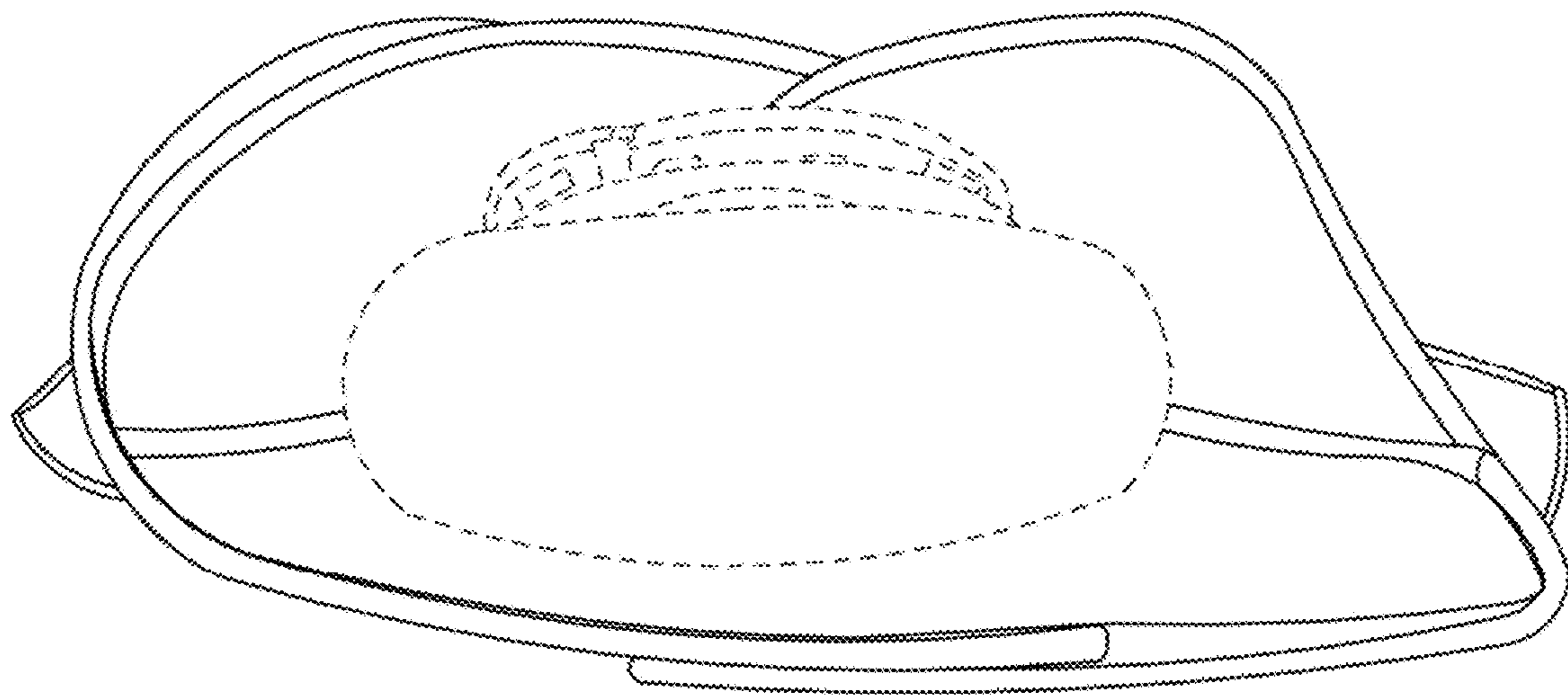


FIG. 7

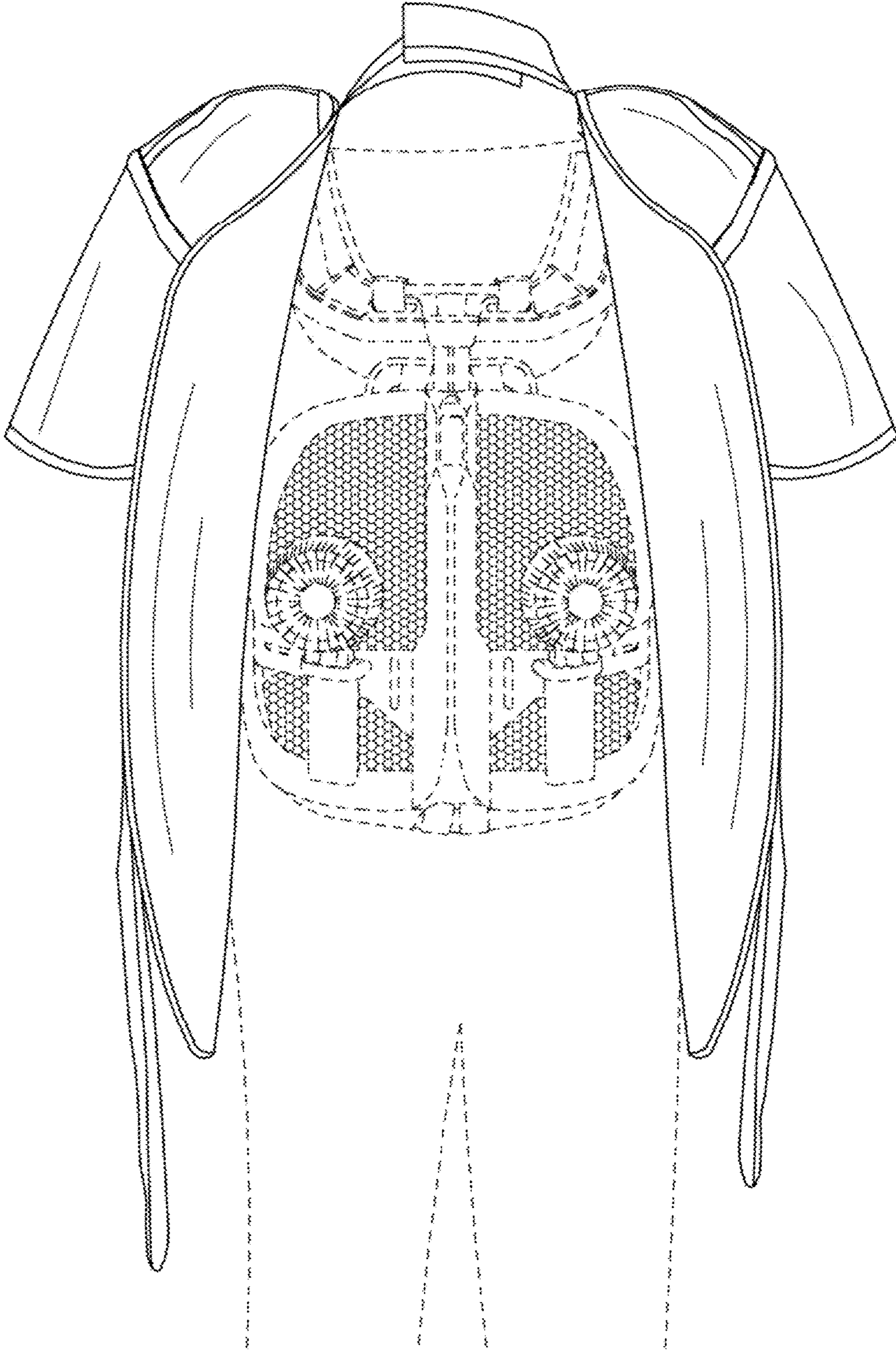


FIG. 8

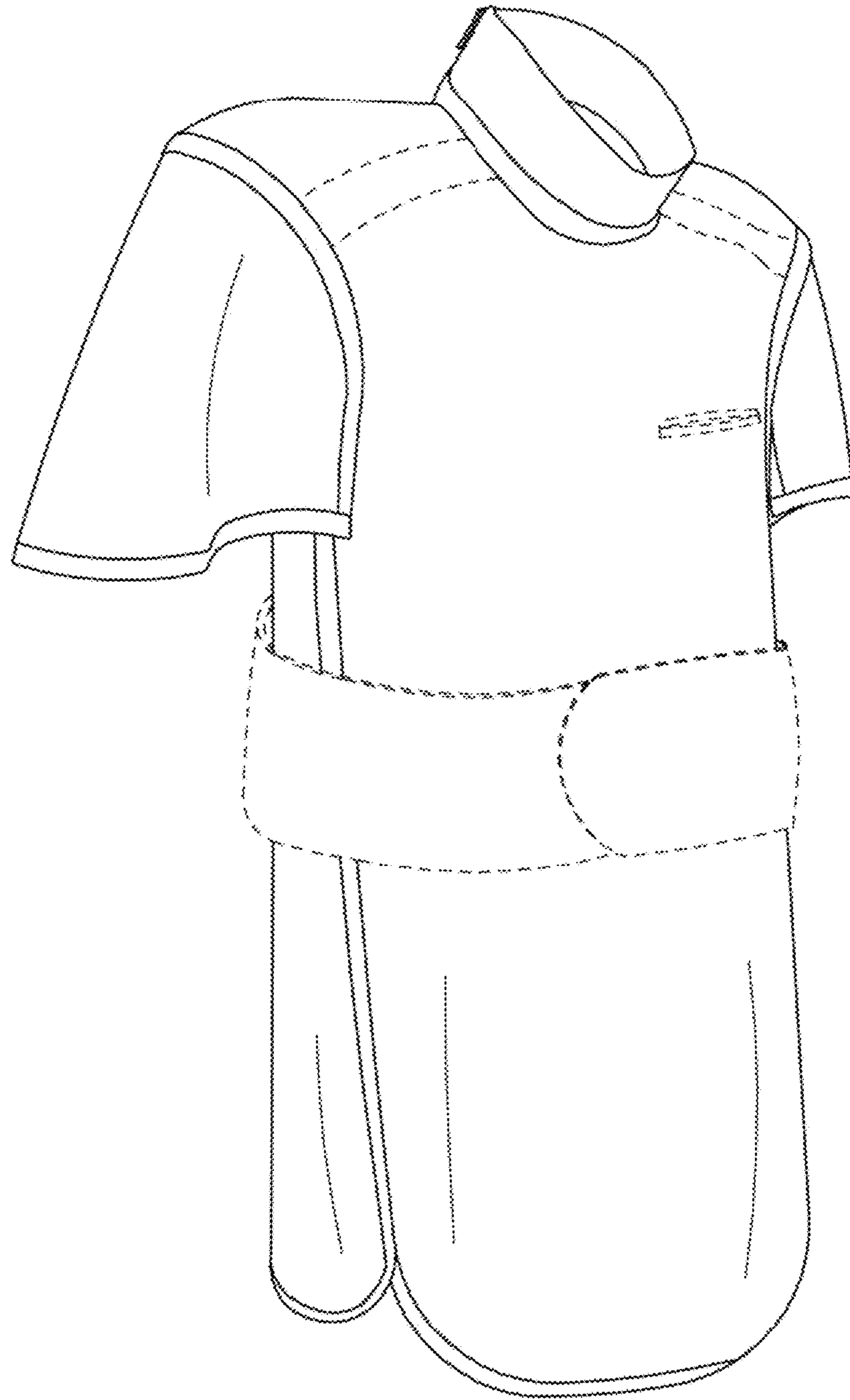


FIG. 9

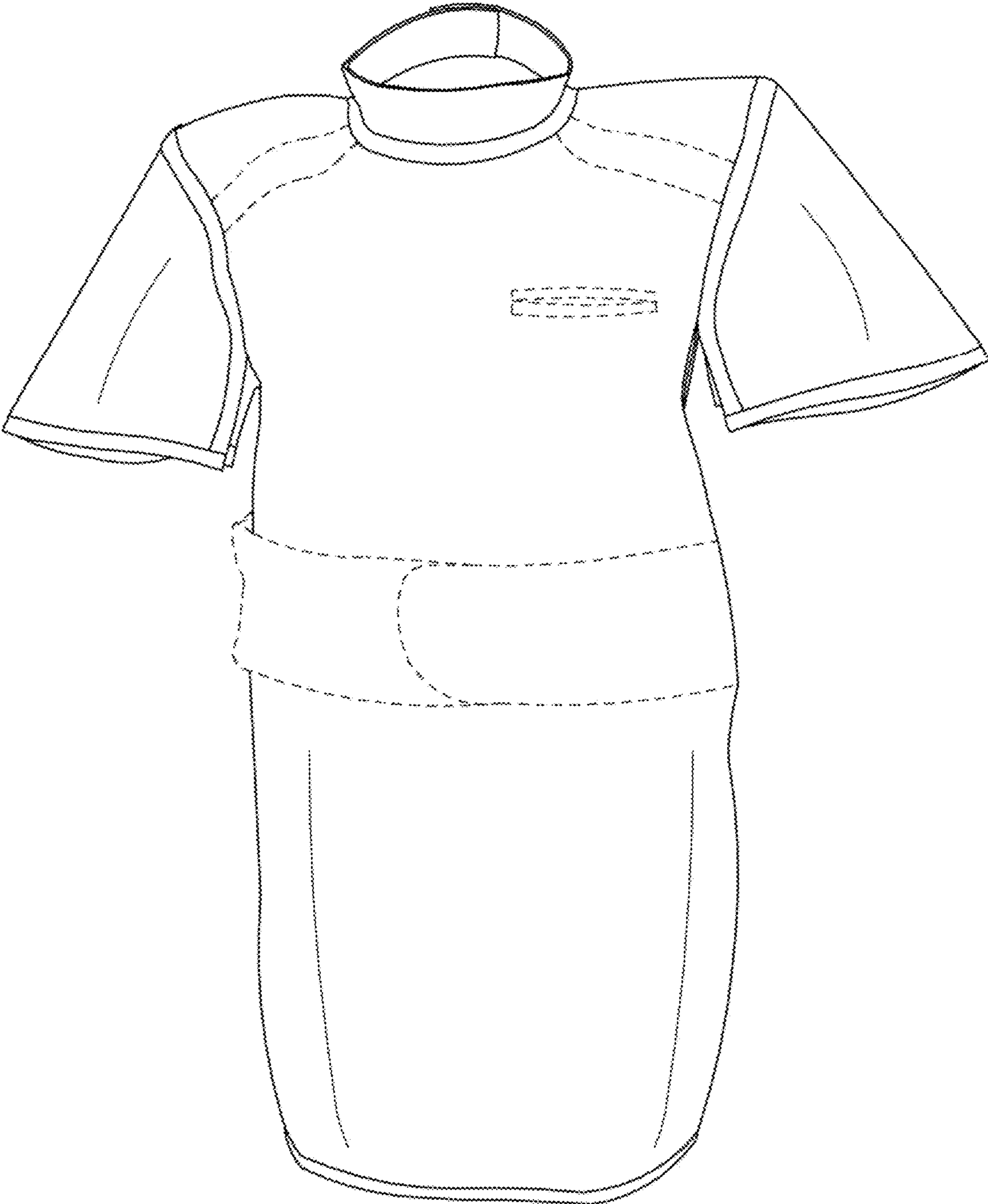


FIG. 10



FIG. 11

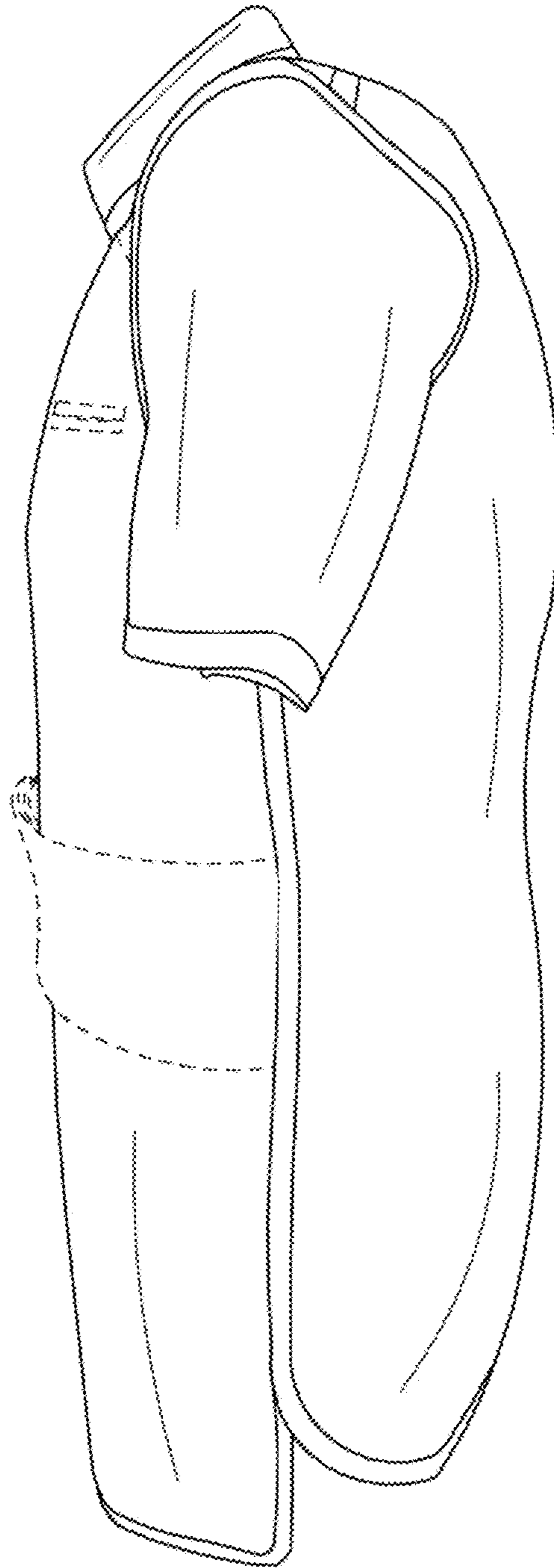


FIG. 12

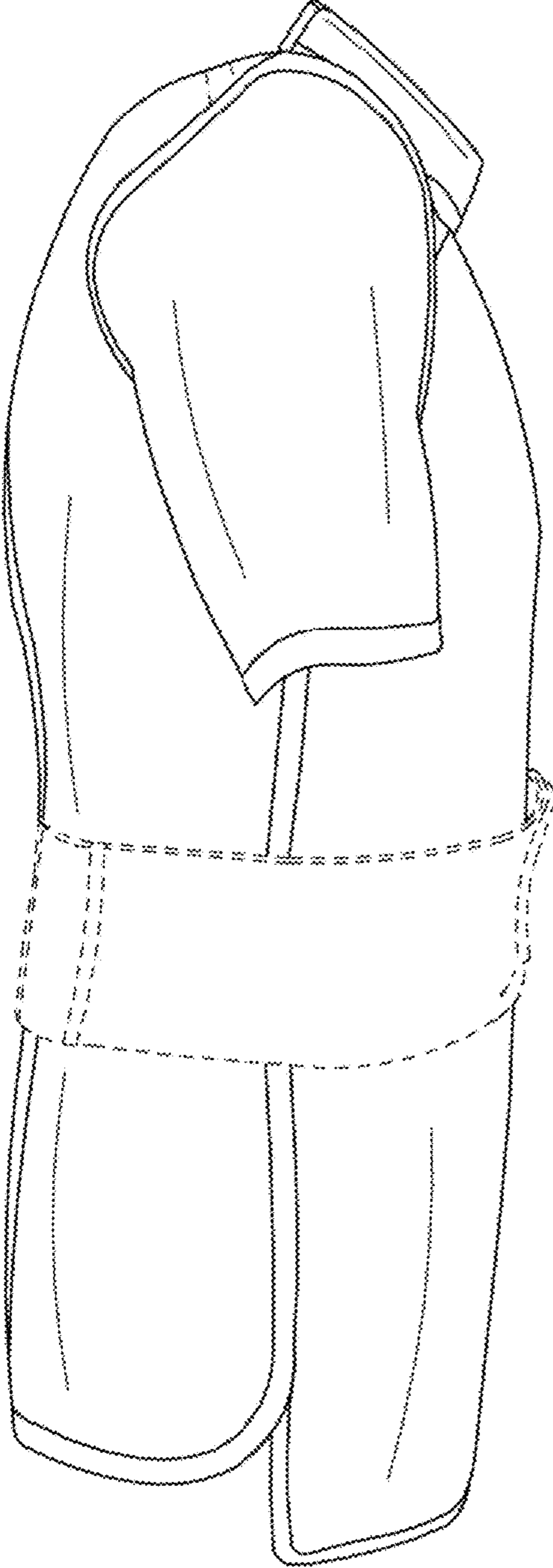


FIG. 13

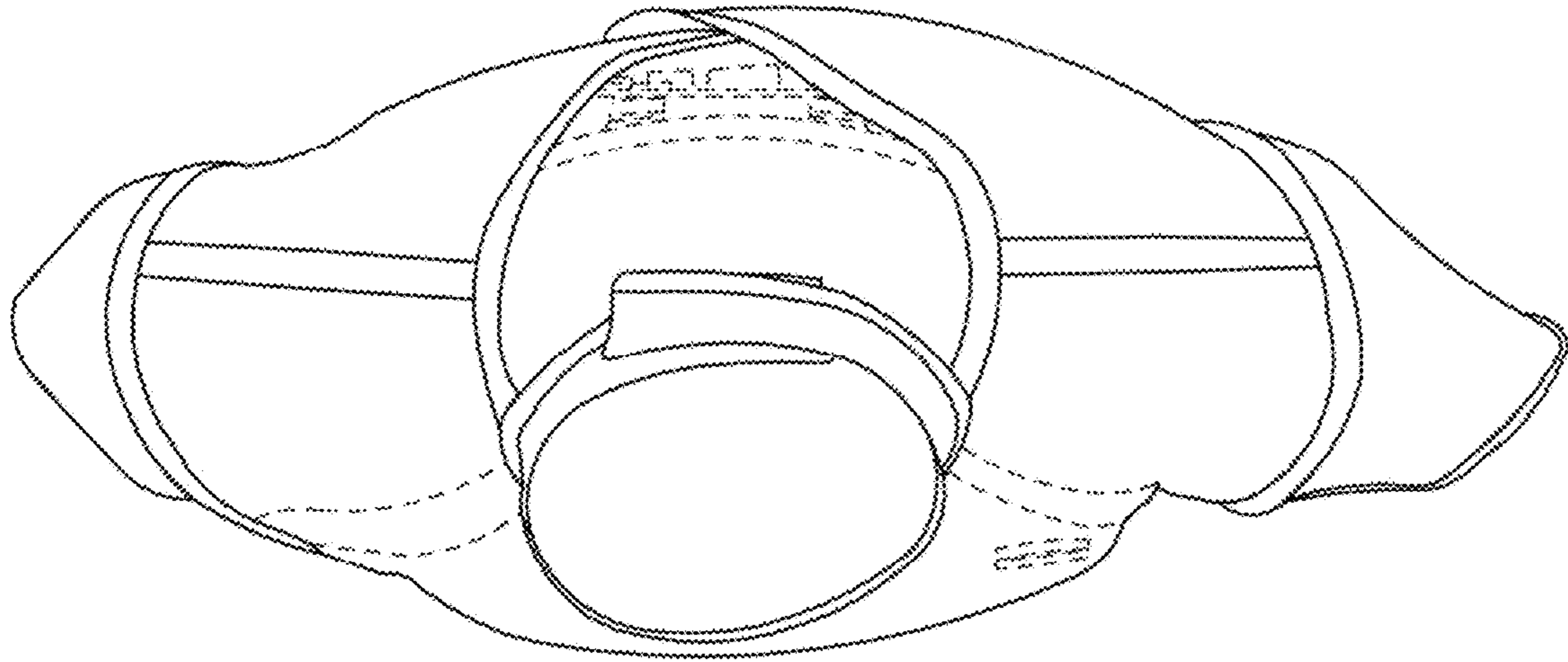


FIG. 14

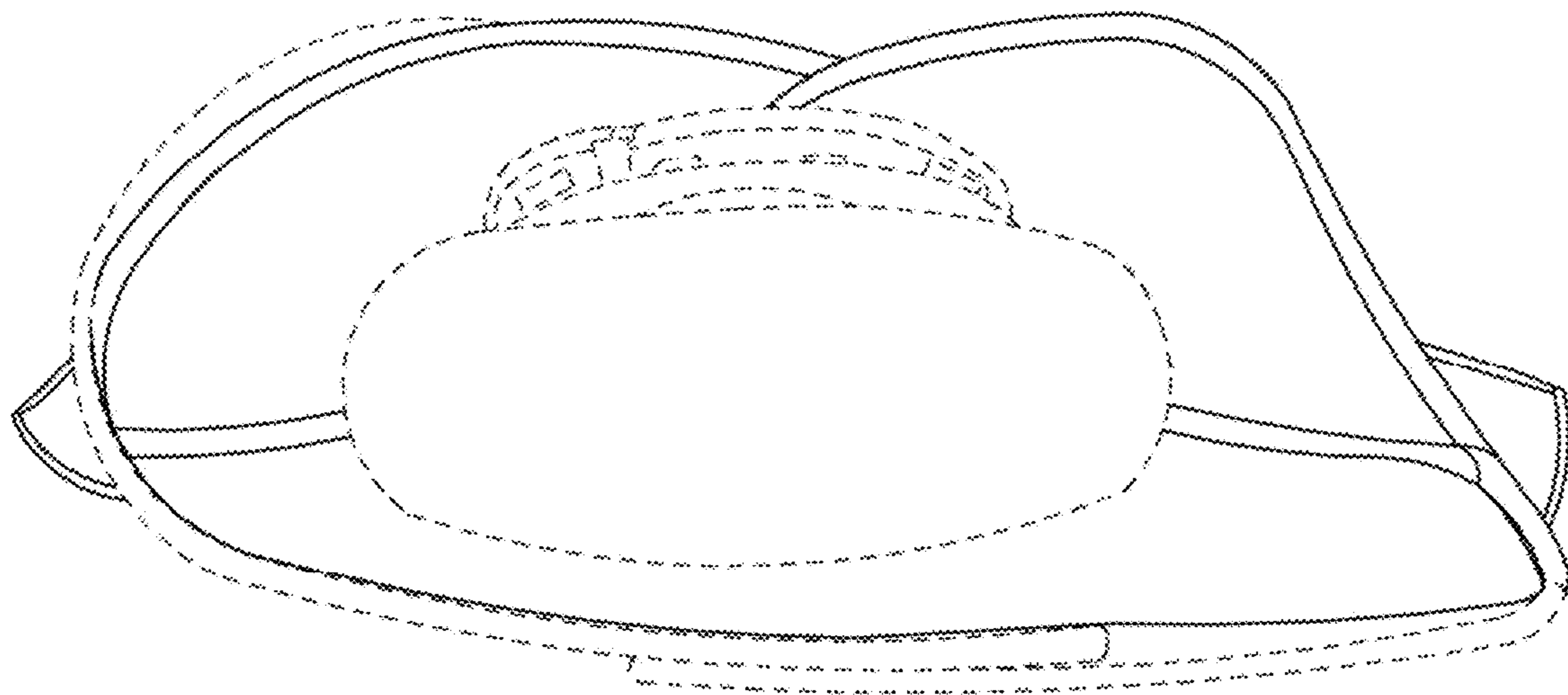


FIG. 15

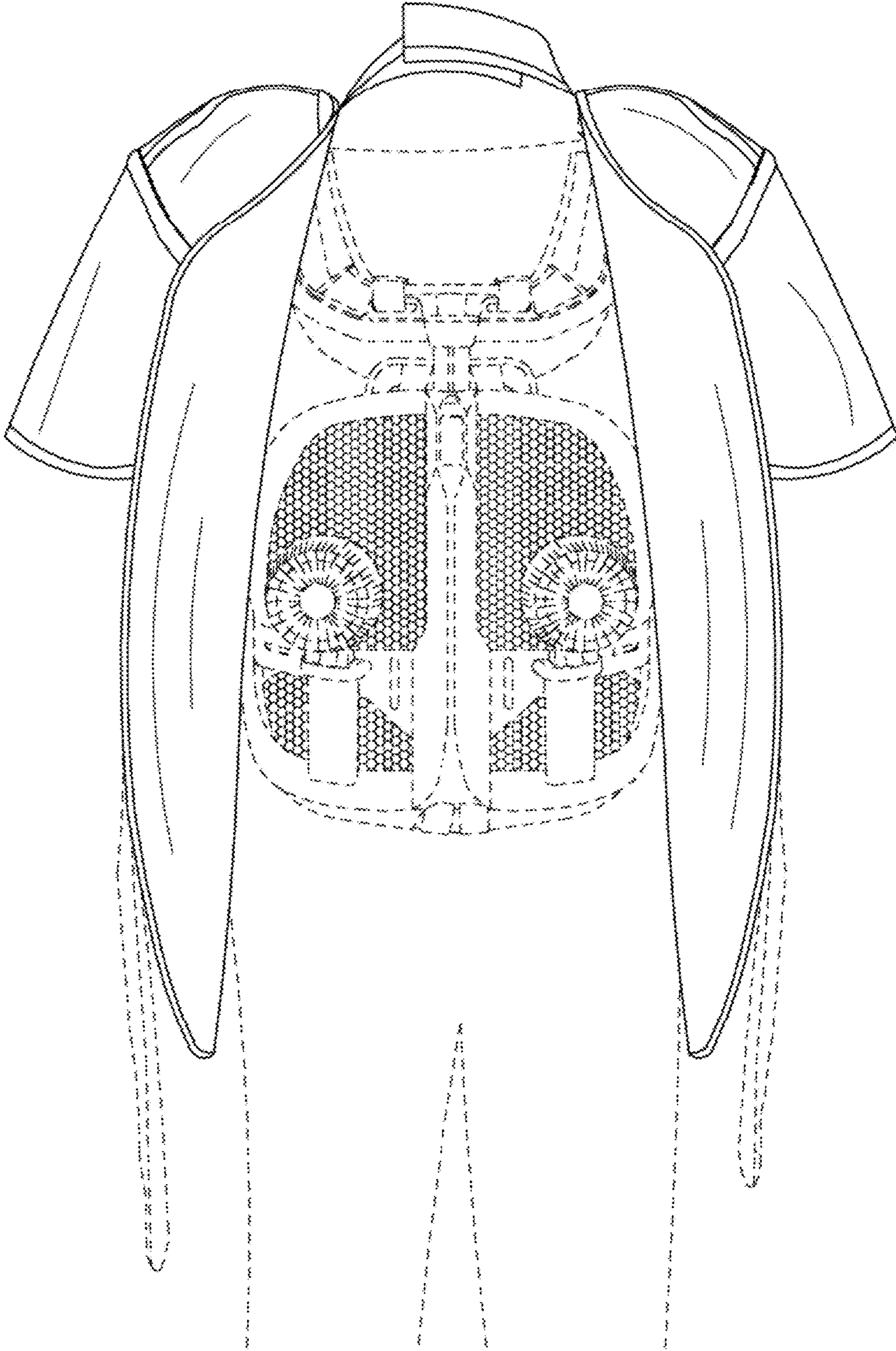


FIG. 16