



US00D690060S

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

(10) **Patent No.:** **US D690,060 S**

(45) **Date of Patent:** **** Sep. 17, 2013**

(54) **FLOW THROUGH REACTOR**

(76) Inventor: **Andrew T. Dombey**, Gardnerville, NV
(US)

(**) Term: **14 Years**

(21) Appl. No.: **29/402,895**

(22) Filed: **Sep. 28, 2011**

(51) **LOC (9) Cl.** **30-99**

(52) **U.S. Cl.**
USPC **D30/199**

(58) **Field of Classification Search**

USPC D30/158, 199, 151; 43/1, 2; 135/901;
280/47.3, 30, 47.18, 7.12, 8, 47.29, 652,
280/40, 47.24, 655, 653, 9.4, 47.315, 640,
280/43.1, 47.25; D22/199; 297/129, 16.2;
D34/24, 16, 12; 5/626, 627, 600; 452/194,
452/185

See application file for complete search history.

D345,632 S * 3/1994 McLaughlin D30/158
D346,466 S * 4/1994 Puntervold, Sr. D30/158
5,322,793 A * 6/1994 Yarnell 435/290.1
5,435,266 A * 7/1995 Carson 119/464
5,435,269 A * 7/1995 Chen 119/673
5,527,373 A * 6/1996 Chareyre 71/9
5,661,856 A * 9/1997 Kyte 4/584
5,662,069 A * 9/1997 Smith 119/665
5,711,252 A * 1/1998 Brandolino 119/673
5,832,871 A * 11/1998 Leis 119/269
5,845,604 A * 12/1998 Cucchi et al. 119/673
6,101,643 A * 8/2000 Moore 4/631
6,516,752 B2 * 2/2003 Batterton 119/650
6,548,294 B1 * 4/2003 Ritter et al. 435/290.4
6,576,462 B2 * 6/2003 Thompson 435/290.1
6,971,333 B1 * 12/2005 Hearrell 119/482
7,582,005 B1 * 9/2009 Le 452/16
7,762,212 B2 * 7/2010 Drouillard et al. 119/72
D621,102 S * 8/2010 German et al. D30/158
7,867,759 B2 * 1/2011 Teixeira 435/290.1
7,921,812 B1 * 4/2011 Carrillo 119/604
D642,750 S * 8/2011 Meritt D30/199
8,056,510 B2 * 11/2011 Handley et al. 119/72
8,069,821 B1 * 12/2011 Green 119/671

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,761,258 A * 6/1930 Franson 126/373.1
2,536,943 A * 1/1951 Kessel 119/676
2,881,733 A * 4/1959 Young, Jr. et al. 119/416
2,915,884 A * 12/1959 Haushalter et al. 62/256
3,054,650 A * 9/1962 Nordland 312/209
3,112,498 A * 12/1963 Hoffman 4/585
3,485,213 A * 12/1969 Scanlon 119/700
4,167,793 A * 9/1979 Vago 4/562.1
4,305,165 A * 12/1981 Wall, Jr. 4/549
4,310,414 A * 1/1982 Lux 210/238
4,407,234 A * 10/1983 Kleman 119/672
D273,700 S * 5/1984 Parker D23/280.4
4,485,502 A * 12/1984 Marcanio 4/585
D285,375 S * 8/1986 Hutchins D30/199
D285,522 S * 9/1986 Basini D7/334
5,025,572 A * 6/1991 Cordier 34/202
5,213,064 A * 5/1993 Mondine et al. 119/671
5,244,433 A * 9/1993 Utterback 454/49

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Alan Lloyd Kessler

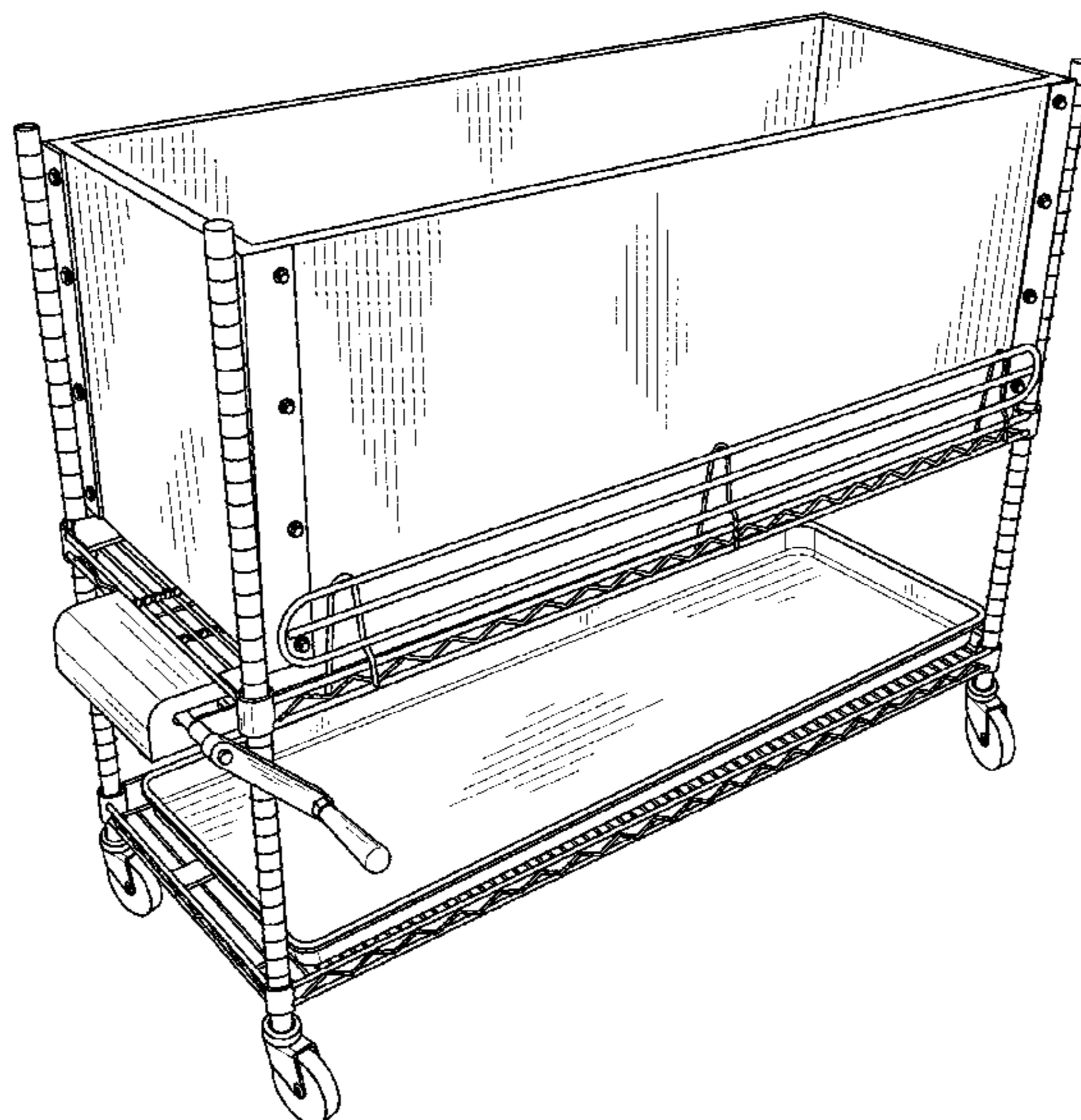
(57) **CLAIM**

The ornamental design for a flow through reactor, as shown.

DESCRIPTION

FIG. 1. depicts a projection view of a flow through reactor showing petitioner's new design;
FIG. 2 is a left side elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



US D690,060 S

Page 2

(56)

References Cited

U.S. PATENT DOCUMENTS

D653,818 S *	2/2012	Schetlin et al.	D30/158	2006/0137379 A1*	6/2006	Cawthon	62/285
8,413,610 B1 *	4/2013	Fultz	119/665	2006/0172410 A1*	8/2006	Tratt et al.	435/290.3
2002/0115199 A1*	8/2002	Thompson	435/290.1	2007/0049187 A1*	3/2007	Le	452/13
				2007/0200382 A1*	8/2007	Reuser et al.	296/24.31
				2010/0273251 A1*	10/2010	Rhoads et al.	435/290.1

* cited by examiner

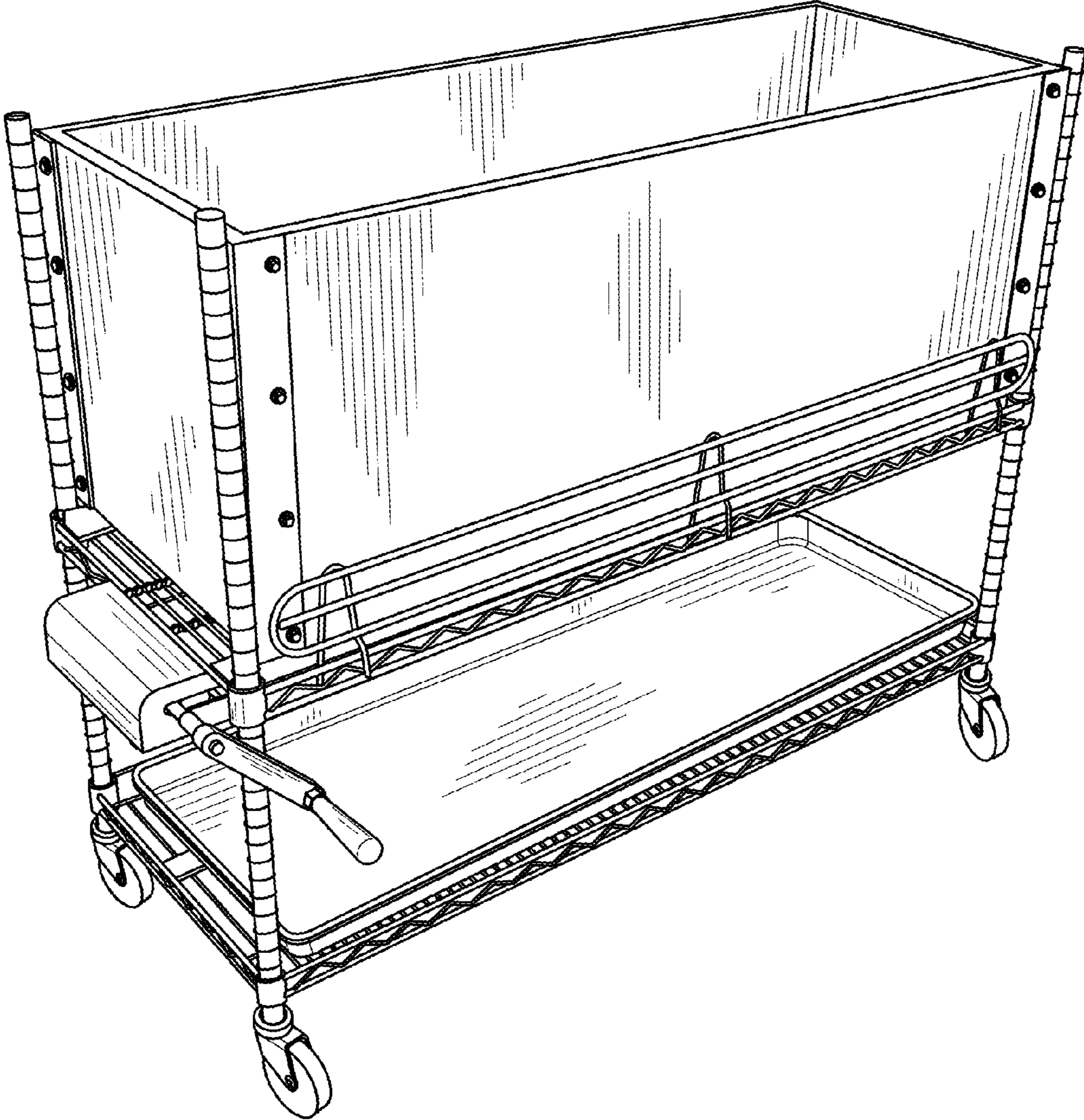


FIG. 1

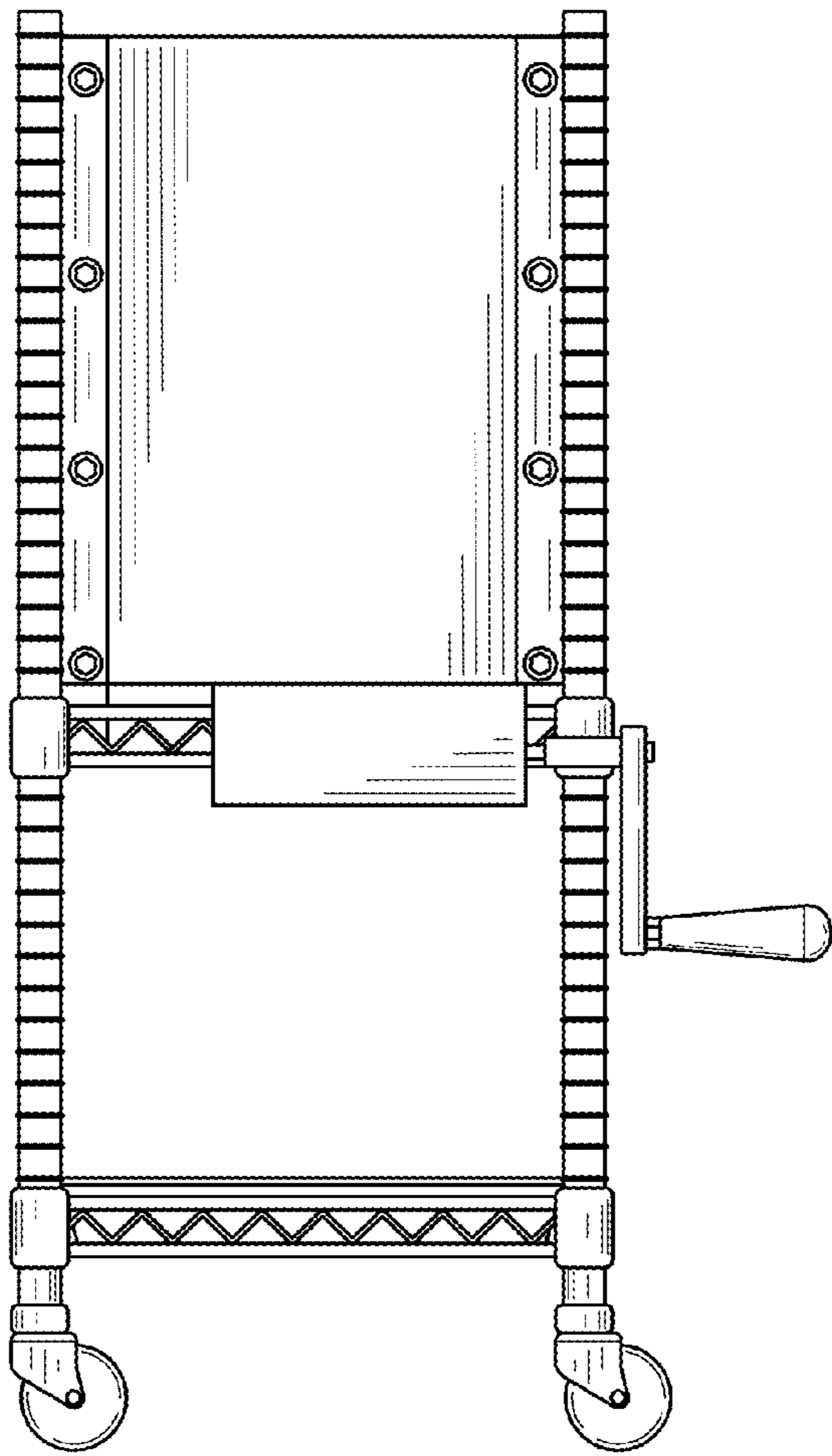


FIG. 2

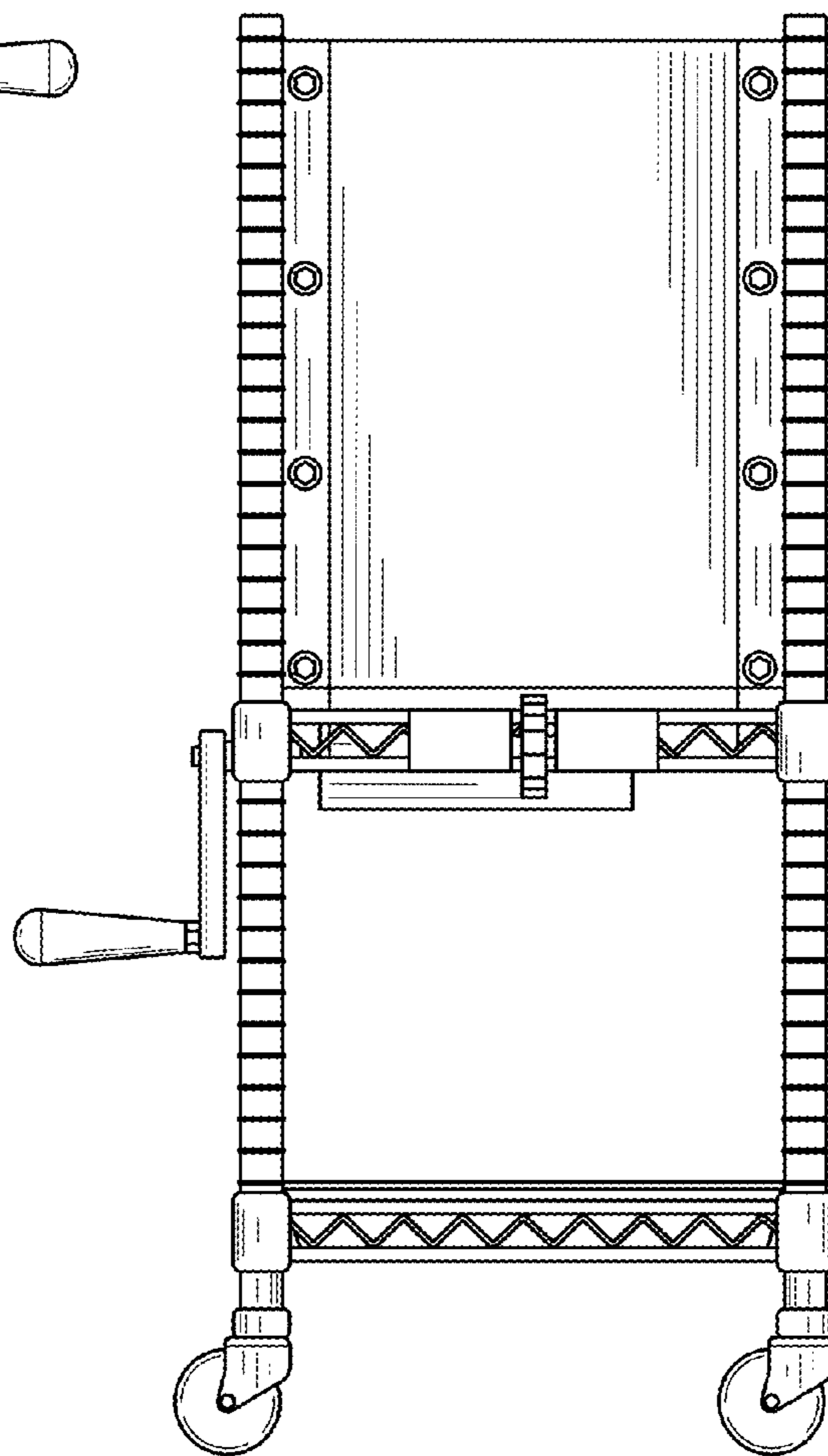


FIG. 3

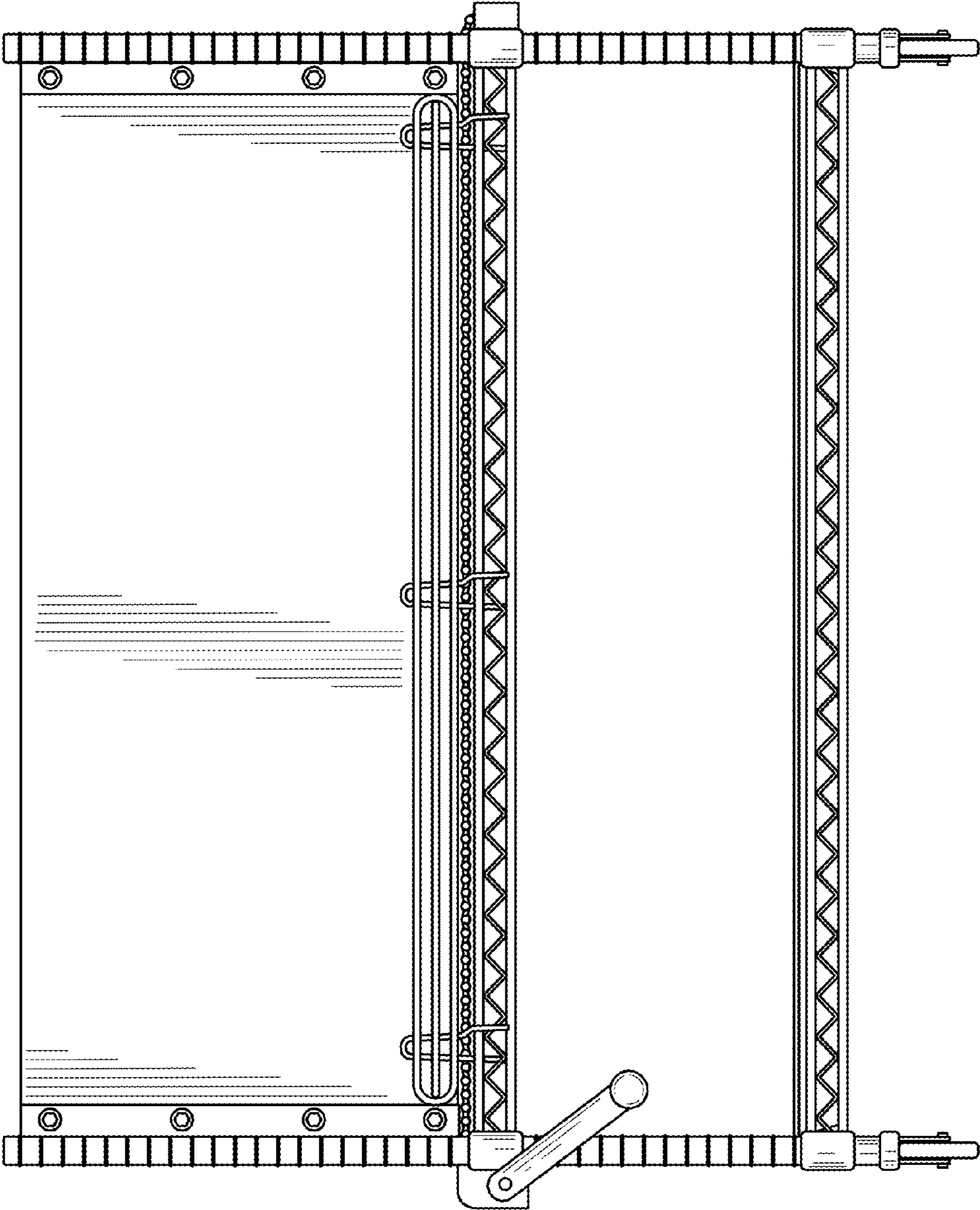


FIG. 4

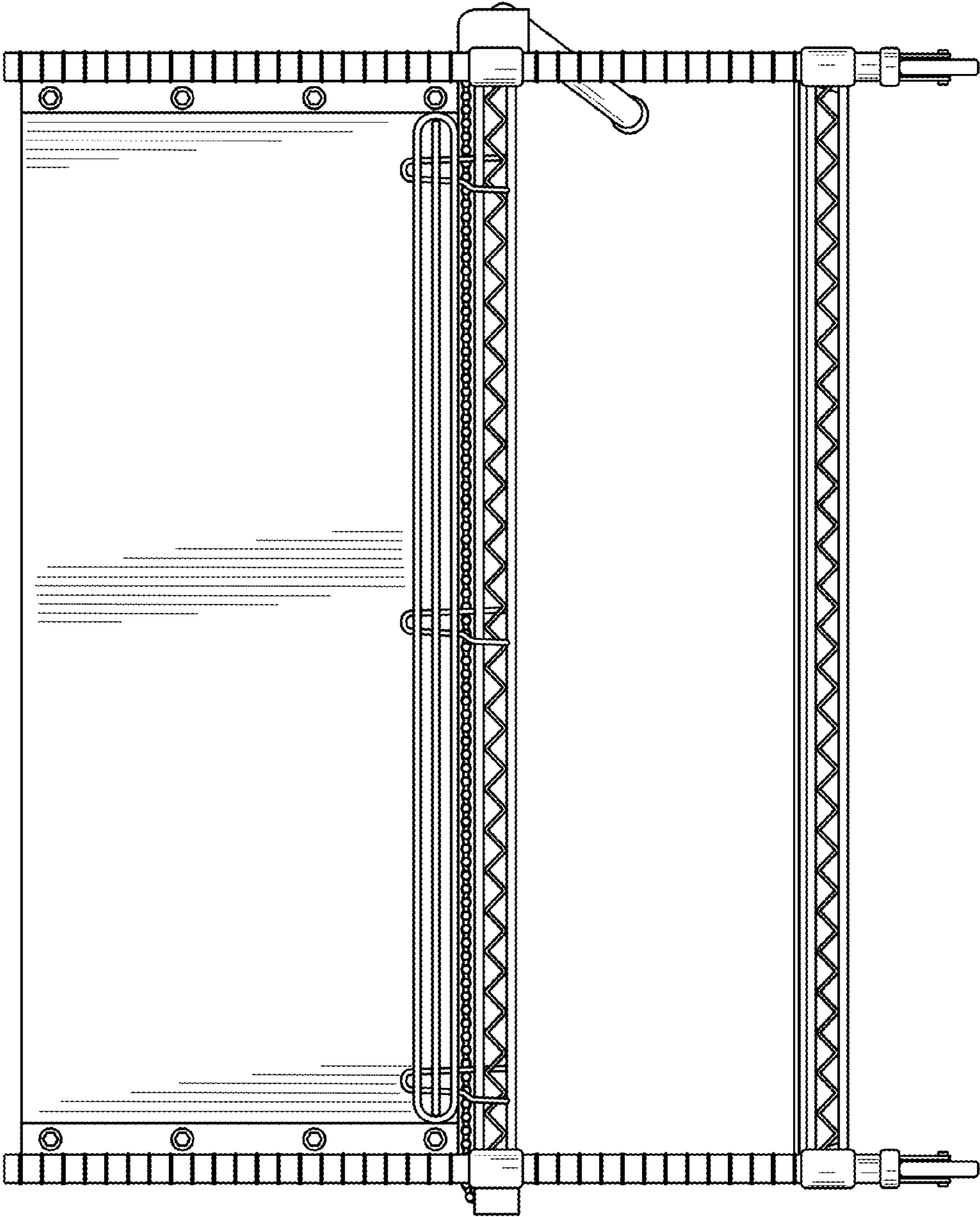


FIG. 5

FIG. 6

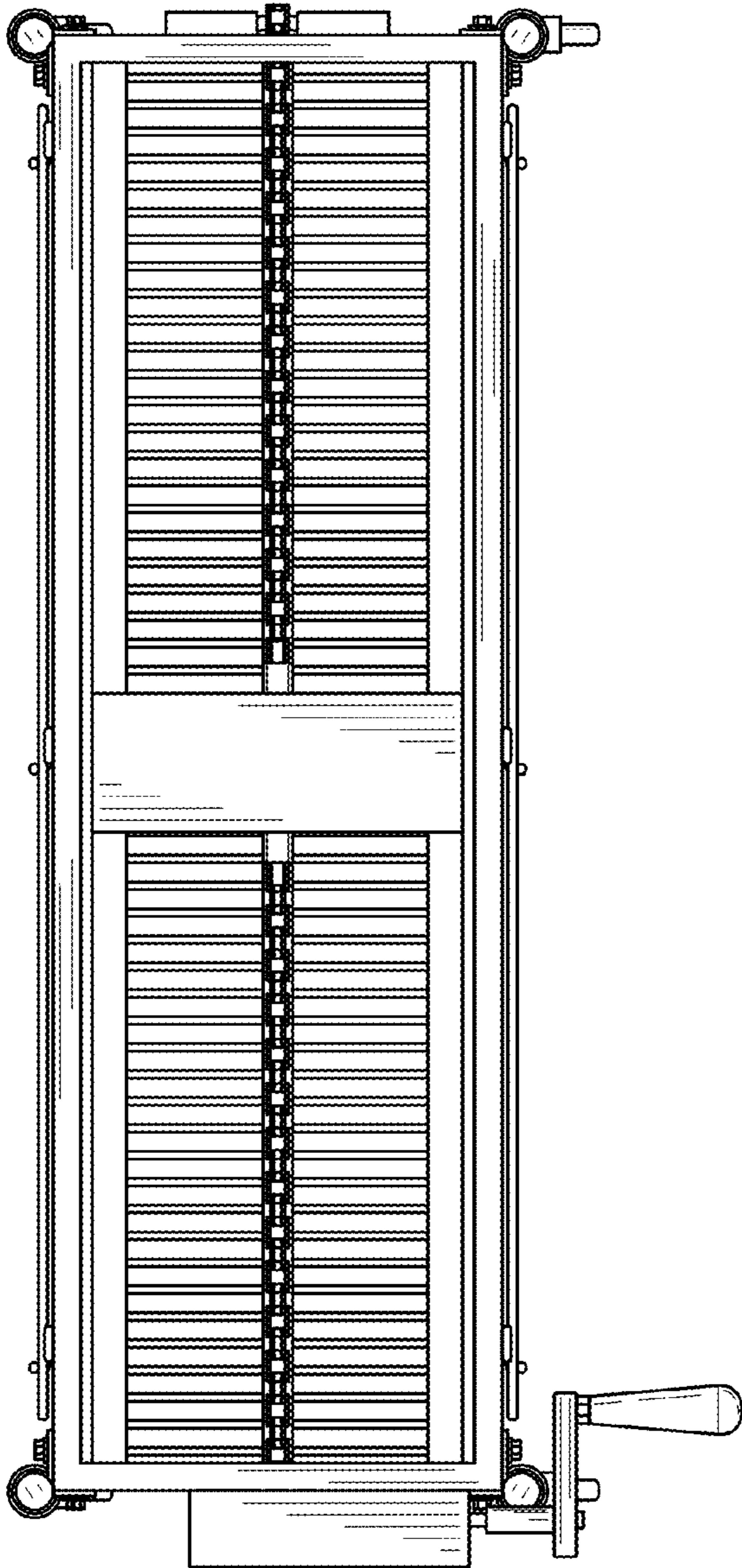


FIG. 7

