



US00D705274S

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

(10) **Patent No.:** **US D705,274 S**

(45) **Date of Patent:** **** May 20, 2014**

(54) **KNIFE CLAMP ASSEMBLY**

7,677,282 B2 * 3/2010 Stager 144/241
7,681,609 B2 * 3/2010 Biller et al. 144/176
7,836,923 B2 * 11/2010 Stager 144/162.1

(75) Inventor: **Mikael Sirviö**, Hudiksvall (SE)

(Continued)

(73) Assignee: **Andritz Iggesund Tools AB**, Iggesund (SE)

Primary Examiner — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Fitzpatrick, Cella, Harper & Scinto

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

(57) **CLAIM**

(21) Appl. No.: **29/414,370**

The ornamental design for a knife clamp assembly, as shown and described.

(22) Filed: **Feb. 28, 2012**

DESCRIPTION

(30) **Foreign Application Priority Data**

Aug. 30, 2011 (EM) 001909722

FIG. 1 is an exploded perspective view from above of a knife clamp assembly showing my new design;

FIG. 2 is an exploded perspective view from below of the knife clamp assembly of FIG. 1;

(51) **LOC (10) CL.** **15-03**

FIG. 3 is a front side view of the upper clamp assembly component shown in FIG. 1;

(52) **U.S. Cl.**

USPC **D15/28**

FIG. 4 is a top view of the component shown in FIG. 3;

(58) **Field of Classification Search**

USPC D15/10, 11, 17, 21, 28, 29, 32;
144/176, 220, 230, 218, 229, 241;
407/40, 47, 49, 113, 42; 241/298, 92

FIG. 5 is a right end view of the component shown in FIGS. 3 and 4;

FIG. 6 is a left end view of the component shown in FIGS. 3 and 4;

See application file for complete search history.

FIG. 7 is a rear view of the component shown in FIGS. 3 and 4;

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,194,545	A *	3/1980	Kostermeier	.....	144/230
5,060,875	A *	10/1991	McBride	.....	241/242
5,271,440	A *	12/1993	Bradstreet et al.	.....	144/176
5,271,442	A *	12/1993	Carpenter et al.	.....	144/220
5,297,746	A *	3/1994	McBride et al.	.....	241/242
5,469,902	A *	11/1995	Sharp et al.	.....	144/241
6,058,989	A *	5/2000	LaGrange et al.	.....	144/218
6,951,313	B2 *	10/2005	Frick et al.	.....	241/92
6,968,879	B2 *	11/2005	Schuh et al.	.....	144/174
7,140,408	B1 *	11/2006	Hinchliff et al.	.....	144/241
7,159,626	B2 *	1/2007	Biller et al.	.....	144/176
7,506,674	B2 *	3/2009	Biller et al.	.....	144/176

FIG. 8 is a bottom view of the component shown in FIGS. 3 and 4;

FIG. 9 is a front side view of the lower clamp assembly component shown in FIG. 1;

FIG. 10 is a top side view of the component shown in FIG. 3;

FIG. 11 is a right end view of the component shown in FIGS. 9 and 10;

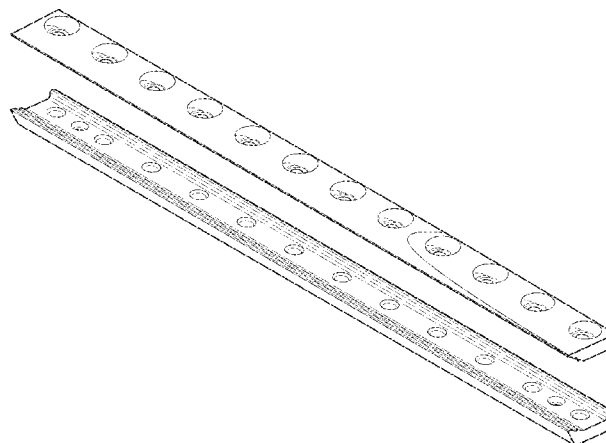
FIG. 12 is a left end view of the component shown in FIGS. 9 and 10;

FIG. 13 is a rear view of the component shown in FIGS. 9 and 10; and,

FIG. 14 is a bottom view of the component shown in FIGS. 9 and 10.

1 Claim, 6 Drawing Sheets

Dp (above diagonal) and V^2 (below diagonal)
of animals = 847 ; breed = CPRTC



US D705,274 S

Page 2

(56)

References Cited

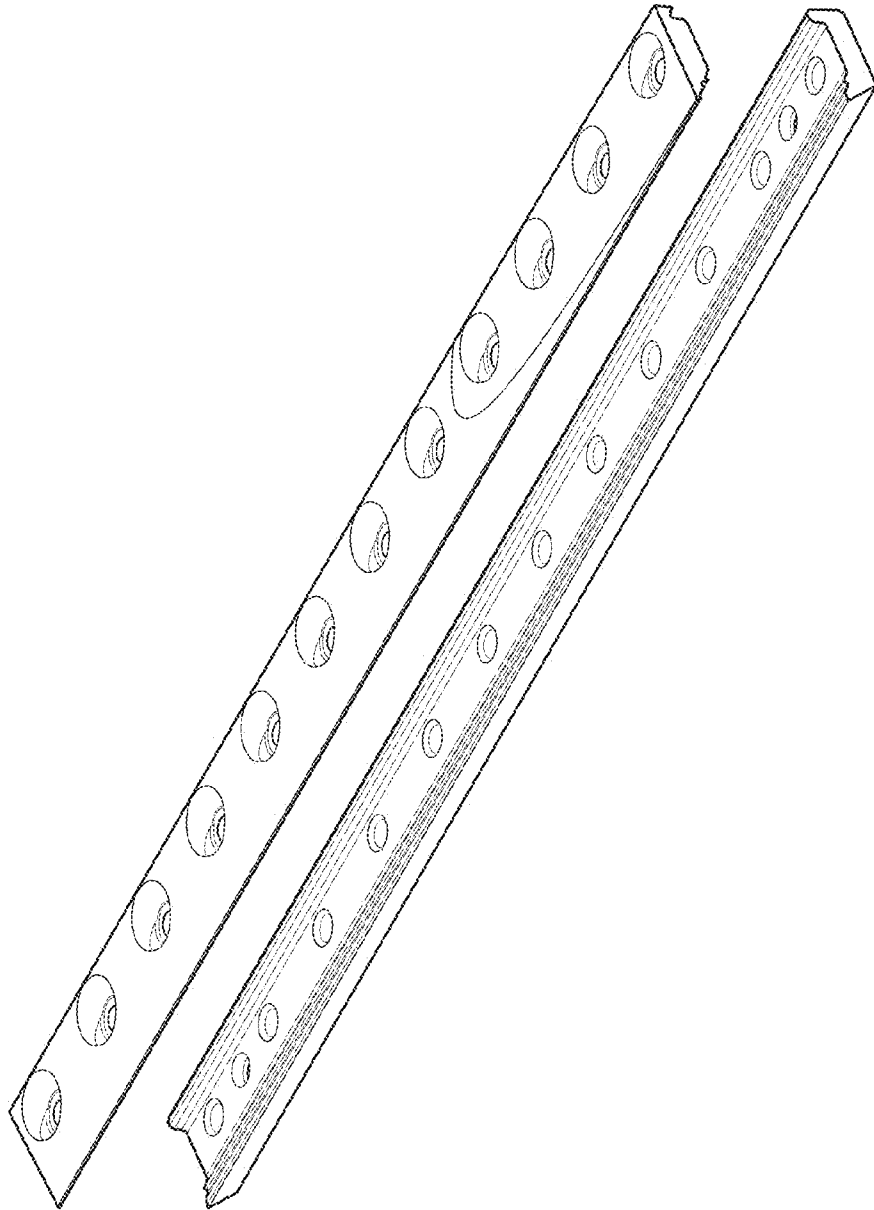
U.S. PATENT DOCUMENTS

8,281,826 B2 *	10/2012	Uelmen et al.	144/162.1
2003/0019543 A1 *	1/2003	Schuh et al.	144/176
2010/0218850 A1 *	9/2010	Uelmen et al.	144/218
8,082,958 B2 *	12/2011	Engnell et al.	144/176

* cited by examiner

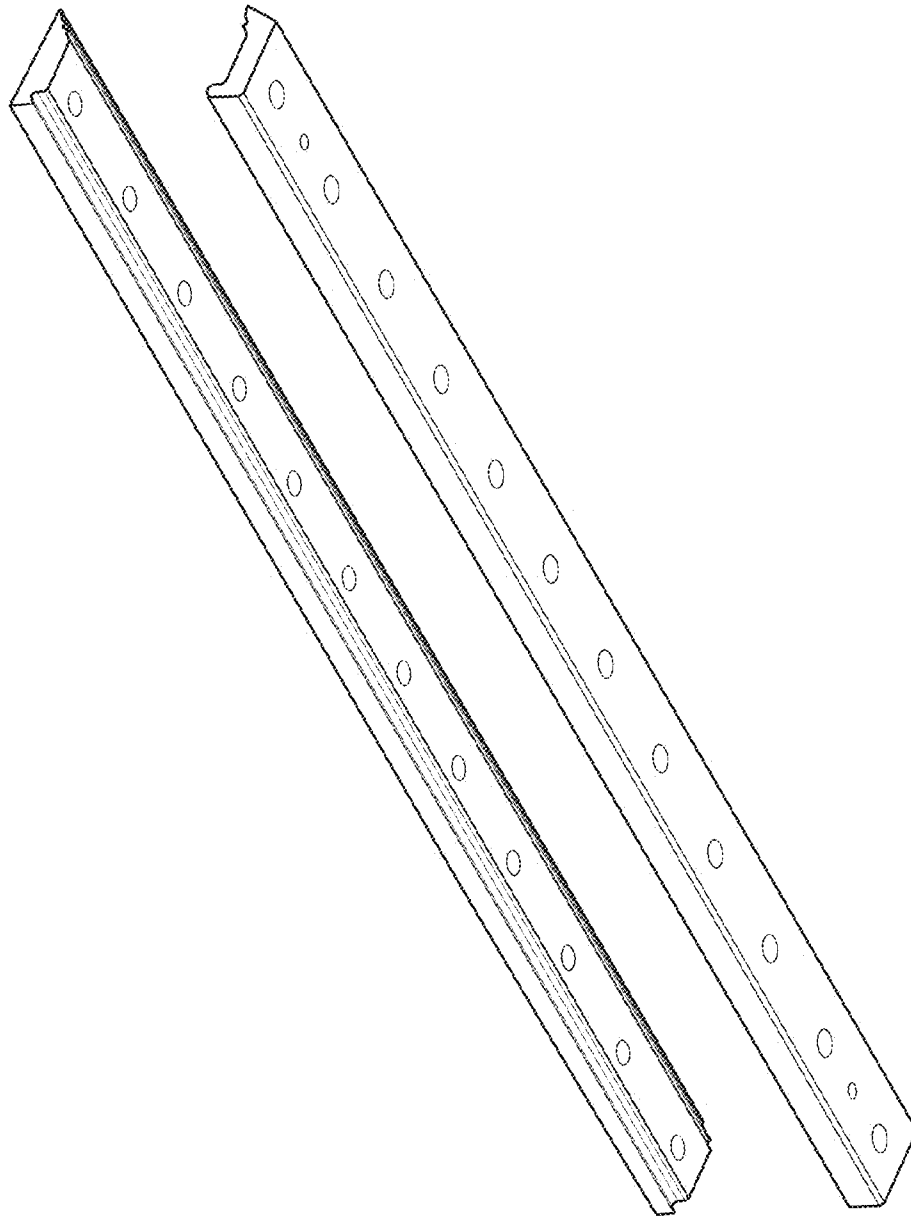
Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 1



Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 2



Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 3



FIG. 4

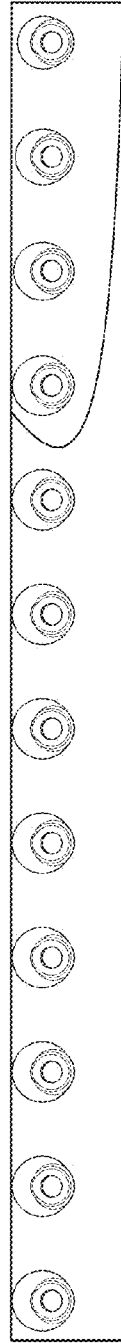


FIG. 5

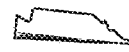
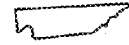


FIG. 6

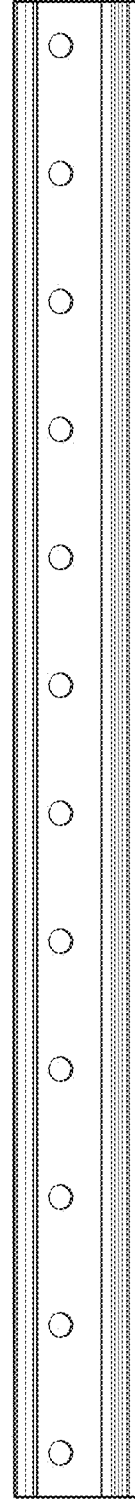


Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 7



FIG. 8



Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 9



FIG. 10

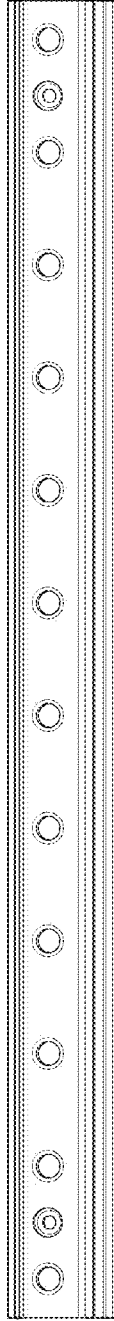


FIG. 11

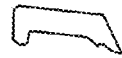
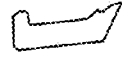


FIG. 12



Dp (above diagonal) and V² (below diagonal)
of animals = 847, breed = CPRTC

FIG. 13



FIG. 14

