



US00D970995S

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

(10) **Patent No.:** **US D970,995 S**

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(54) **CRIMPING TOOL**

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

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(51) **LOC (13) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/52; D8/55**

(58) **Field of Classification Search**

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D24/107

CPC B25B 7/02; B25B 25/005; B25B 7/123;
F15L 33/03; H02G 1/12; H02G 1/1204;
B25F 1/003; B26B 13/16

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D245,752	S	*	9/1977	Wiener	.....	D8/58
D506,660	S	*	6/2005	Chen	.....	D8/52
D544,323	S	*	6/2007	Hutchfield	.....	D8/52
D686,052	S	*	7/2013	Steiner	.....	D8/52
D693,196	S	*	11/2013	Hutchfield	.....	D8/51
D693,197	S	*	11/2013	Hutchfield	.....	D8/51
D693,198	S	*	11/2013	Hutchfield	.....	D8/51
D740,095	S	*	10/2015	Battenfeld	.....	D8/52
D759,452	S	*	6/2016	Persson	.....	D8/52
D760,051	S	*	6/2016	Tsai	.....	D8/52
D768,451	S	*	10/2016	Persson	.....	D8/52
D864,686	S	*	10/2019	Jonasson	.....	D8/52
D899,206	S	*	10/2020	Weisheit	.....	D8/52
D901,268	S	*	11/2020	Liao	.....	D8/52
D901,269	S	*	11/2020	Liao	.....	D8/52

D901,270	S	*	11/2020	Liao	.....	D8/52
D901,271	S	*	11/2020	Liao	.....	D8/52
D901,272	S	*	11/2020	Liao	.....	D8/52
D903,451	S	*	12/2020	Liao	.....	D8/52
D906,074	S	*	12/2020	Glockseisen	.....	D8/52

(Continued)

FOREIGN PATENT DOCUMENTS

CN	307016234	*	12/2021
CN	307290328	*	4/2022

OTHER PUBLICATIONS

HT-200AR/2008AR 8.3"(210mm), Google.com, [online], [site visited May 28, 2022], Available from internet URL: http://www.hanlong.com.tw/index.php?do=product_details&tpid=29&id=30 (Year: NA).*

(Continued)

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(57) **CLAIM**

The ornamental design for a crimping tool, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a crimping tool, showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left view thereof;

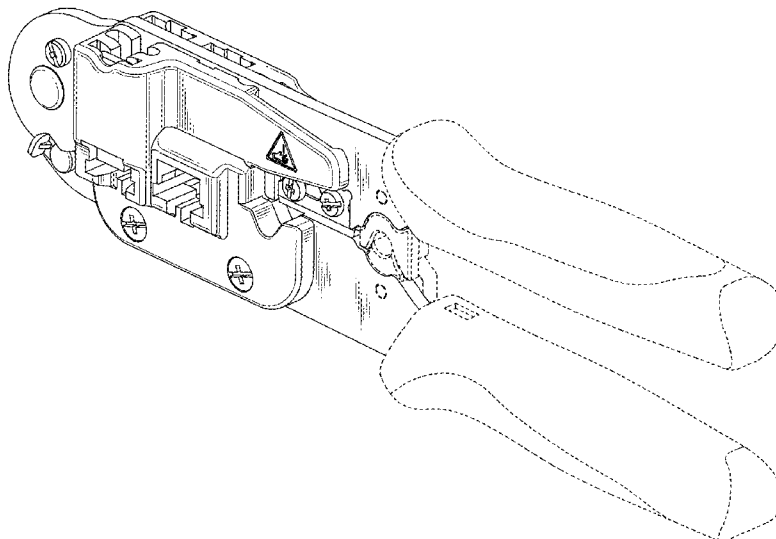
FIG. 5 is a right view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The broken lines in the drawings depict portions of the crimping tool that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D906,075	S	*	12/2020	Liao	.....	D8/52
D924,025	S	*	7/2021	Ullbors	.....	D8/52
D924,026	S	*	7/2021	Ullbors	.....	D8/52
D950,341	S	*	5/2022	Chiang	.....	D8/51
2021/0083444	A1	*	3/2021	Lin	.....	H01R 43/0421

OTHER PUBLICATIONS

HT-N5684R 7.5"(191mm), Google.com, [online], [site visited May 28, 2022], Available from internet URL: http://www.hanlong.com.tw/index.php?do=product_details&tpid=29&id=32 (Year: NA).*

* cited by examiner

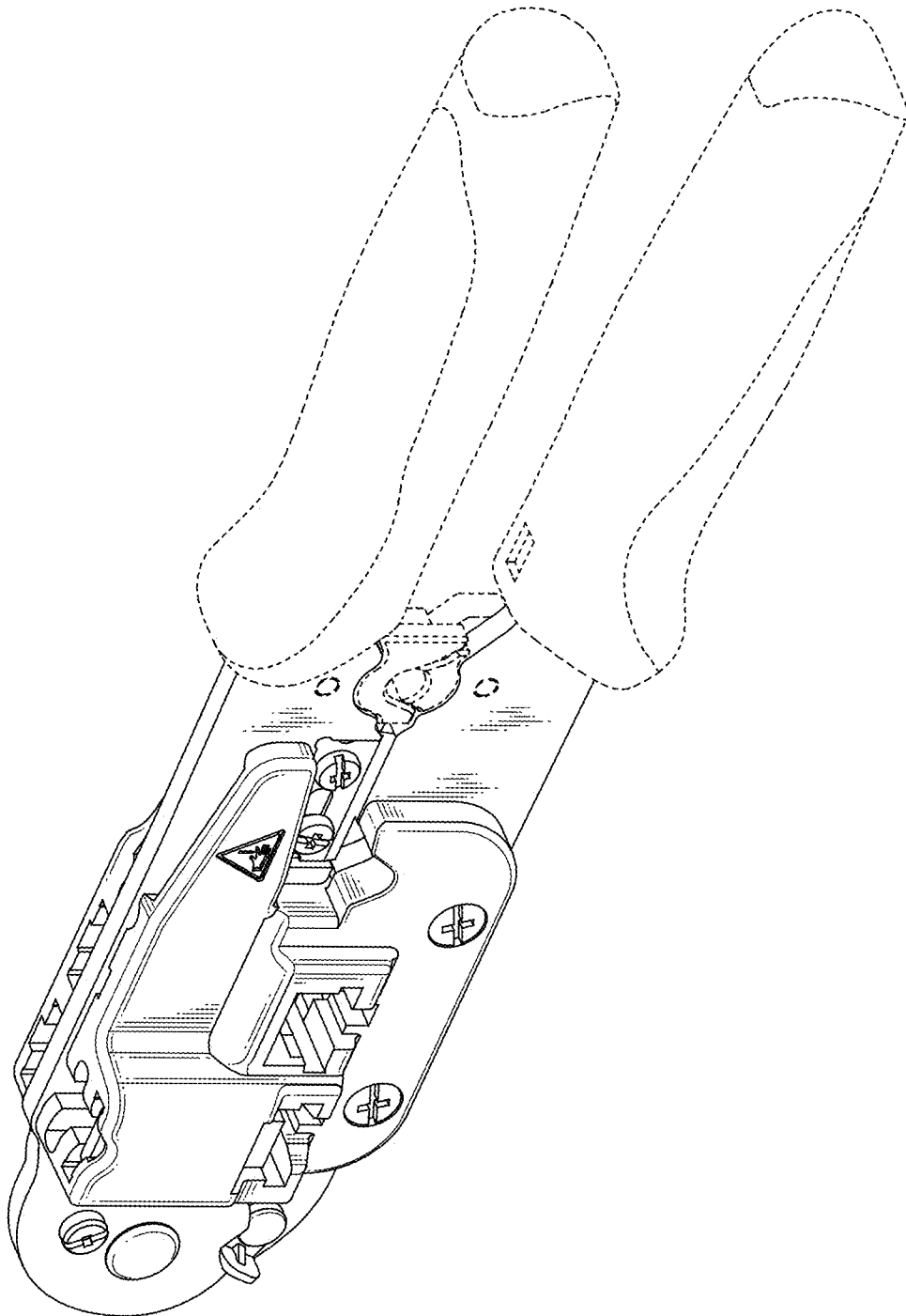


FIG. 1

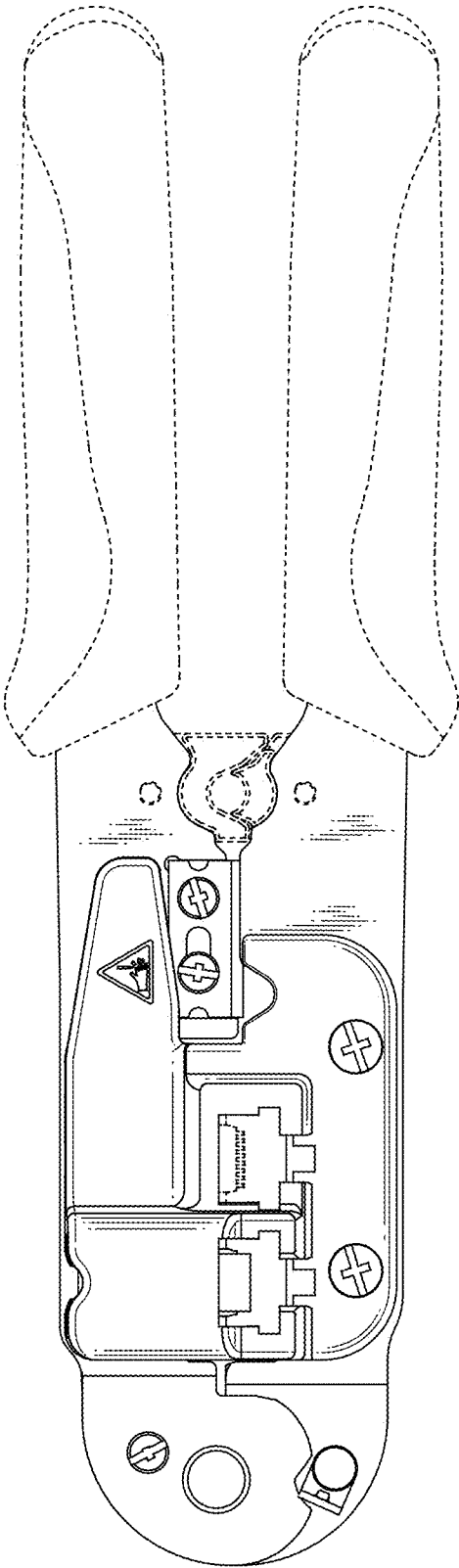


FIG. 2

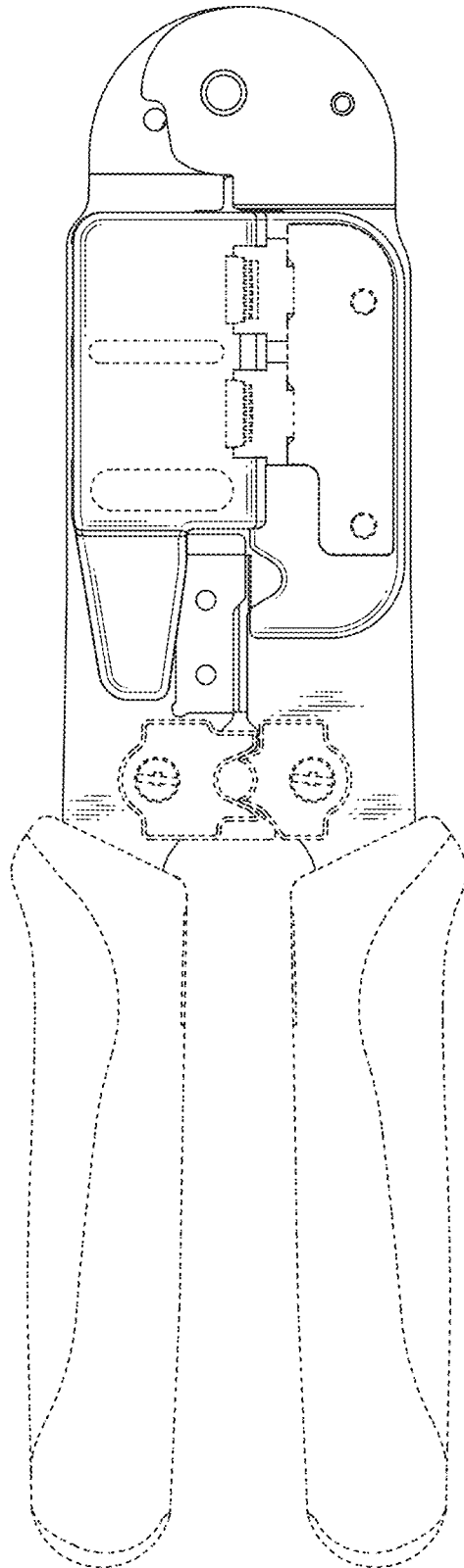


FIG. 3

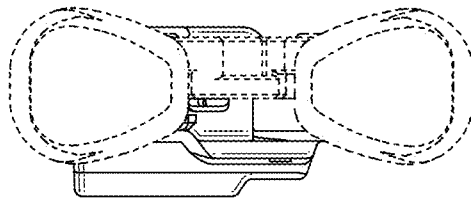


FIG. 5

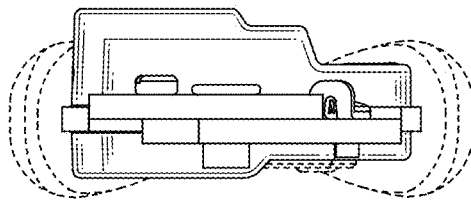


FIG. 4

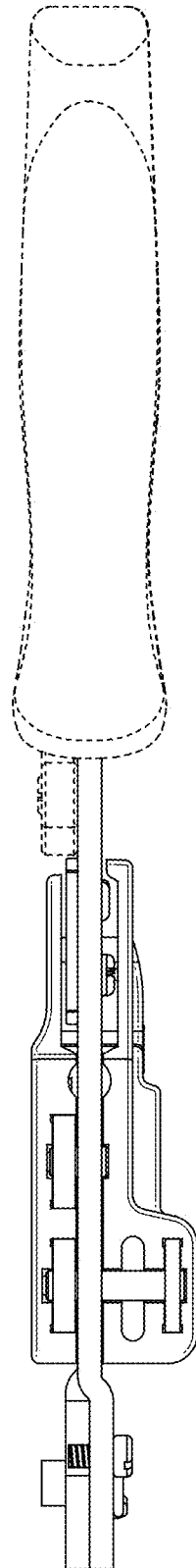


FIG. 6

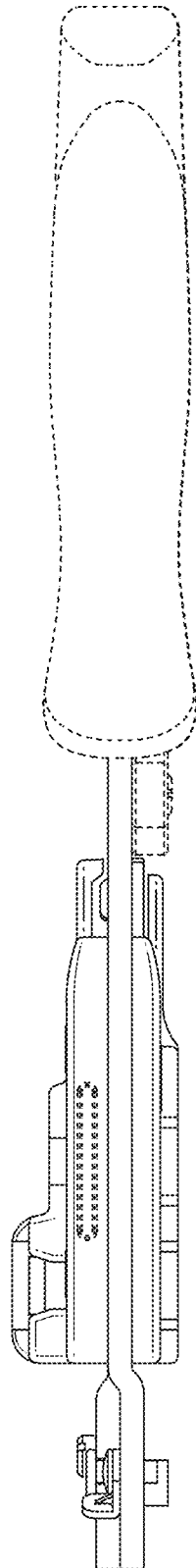


FIG. 7