US00D960457S

(12) United States Design Patent

Jensen

(10) Patent No.: US D960,457 S
(45) Date of Patent: ** Aug. 9, 2022

(54) **PROTECTIVE HELMET**

(71) Applicant: **Newton-Rider ApS**, Copenhagen S (DK)

(72) Inventor: **Ulrik Jensen**, Copenhagen S (DK)

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

(21) Appl. No.: **35/511,622**

(22) Filed: **Sep. 21, 2020**

(80) **Hague Agreement Data**

Int. Filing Date: **Sep. 21, 2020**
Int. Reg. No.: **DM/210612**
Int. Reg. Date: **Sep. 21, 2020**
Int. Reg. Pub. Date: **Mar. 26, 2021**

(51) **LOC (13) Cl.** **29-02**
(52) **U.S. Cl.**
USPC **D29/102**
(58) **Field of Classification Search**
USPC D29/102–110, 122; D2/865, 886
CPC A42B 3/064; A42B 3/125; A42B 3/127; A42B 3/324; A42B 3/04; A42B 3/0406; A42B 3/044; A42B 3/08; A42B 3/085; A42B 3/12; A42B 3/124; A42B 3/14; A42B 3/142; A42B 3/145; A42B 3/147; A42B 3/303
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,539,558	A *	5/1925	Goldsmith	A42B 3/12	2/414
D268,142	S *	3/1983	Livernois	D29/100	
D311,088	S *	10/1990	Vargo	D29/104	
5,263,203	A *	11/1993	Kraemer	A42B 3/122	2/413
5,544,367	A *	8/1996	March, II	A42B 3/324	2/410
6,065,159	A *	5/2000	Hirsh	A42C 5/04	2/413
D541,480	S *	4/2007	Turner	D29/102	
D572,865	S *	7/2008	Baker	D29/102	
D621,590	S *	8/2010	Martin	D2/879	
D684,754	S *	6/2013	Kim	D2/882	
D774,700	S *	12/2016	Clark	D29/102	
D804,152	S *	12/2017	Combs	D2/876	
10,098,402	B2 *	10/2018	Booher, Sr.	A42B 3/08	
10,178,889	B2 *	1/2019	Wacter	A42B 3/32	
D946,244	S *	3/2022	Brace	D2/865	
2017/0164677	A1 *	6/2017	Olivares Velasco	A42B 1/203	

* cited by examiner

Primary Examiner — Khawaja Anwar

(57) **CLAIM**

The ornamental design for a protective helmet, as shown and described.

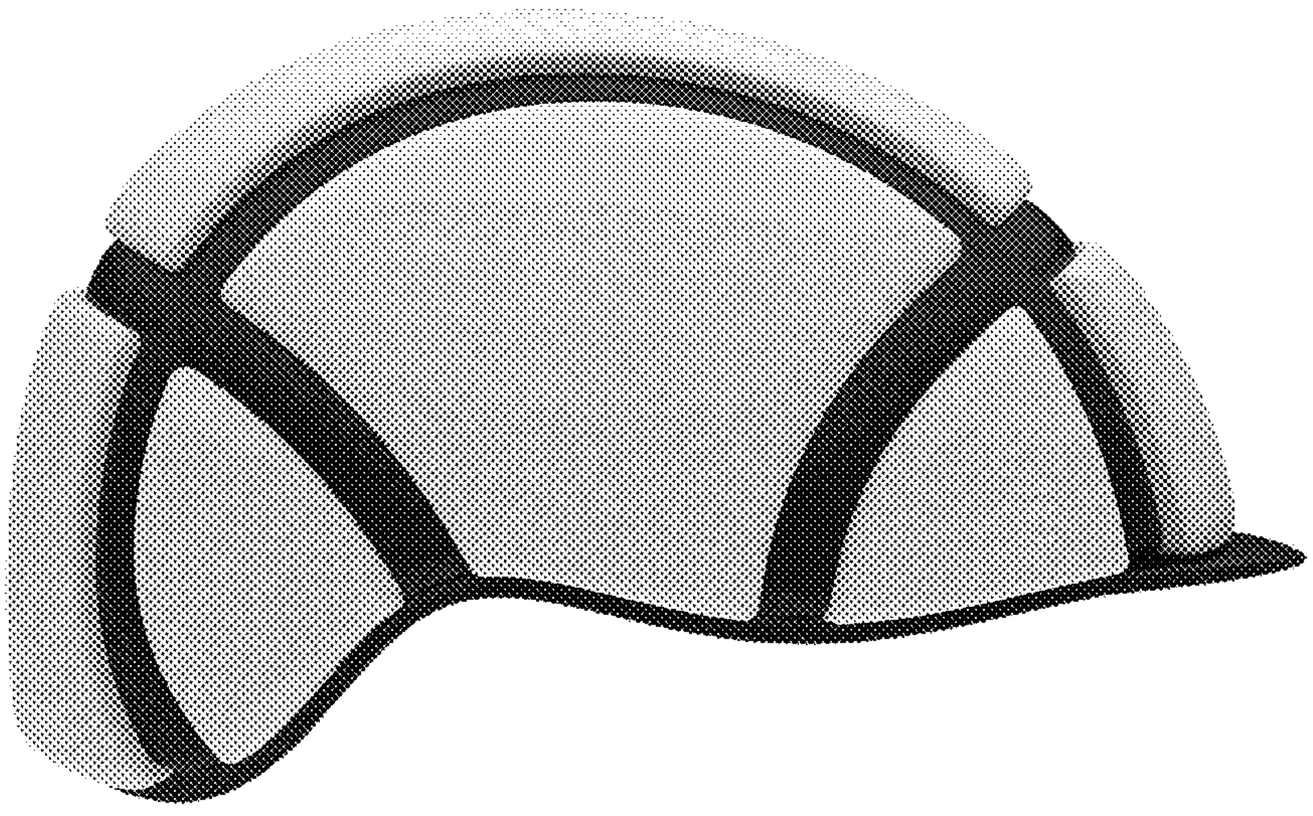
DESCRIPTION

1. Protective helmet

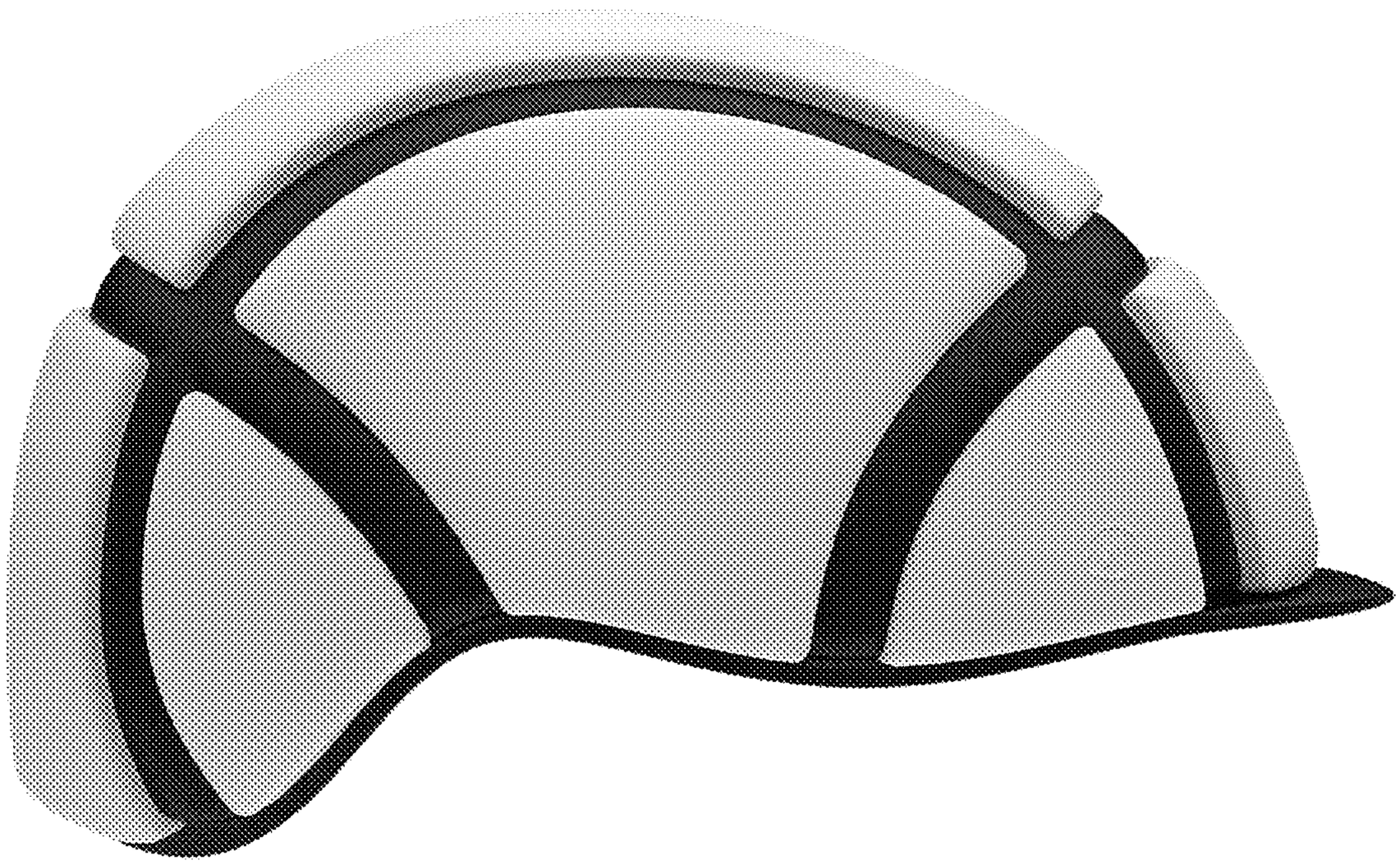
FIG. **1.1** is a side elevation view of a protective helmet, showing my new design;
FIG. **1.2** is a top plan view thereof;
FIG. **1.3** is a front elevation view thereof;
FIG. **1.4** is another side elevation view thereof;
FIG. **1.5** is a rear elevation view thereof;
FIG. **1.6** is a bottom plan view thereof;
FIG. **1.7** is a perspective view thereof; and
FIG. **1.8** is an alternate view showing helmet in a collapsed configuration.

The claimed design is a protective helmet for use when riding on bicycles, e-bikes and e-scooters; the helmet consists of 9 pads, individually shaped and fitted onto a head-shaped, flexible and 4 way elastic liner; each pad is flexible and semi-soft; the gaps between each pad have the function of being elastic and flexible, and this together with the semi flexible pads makes the entire helmet flexible and semi-soft to better adapt and fit to any head shape; the helmet is foldable, as shown in the reproduction **1.8**; the helmet has a built-in NFC chip for incentivised riding with helmet.

1 Claim, 8 Drawing Sheets



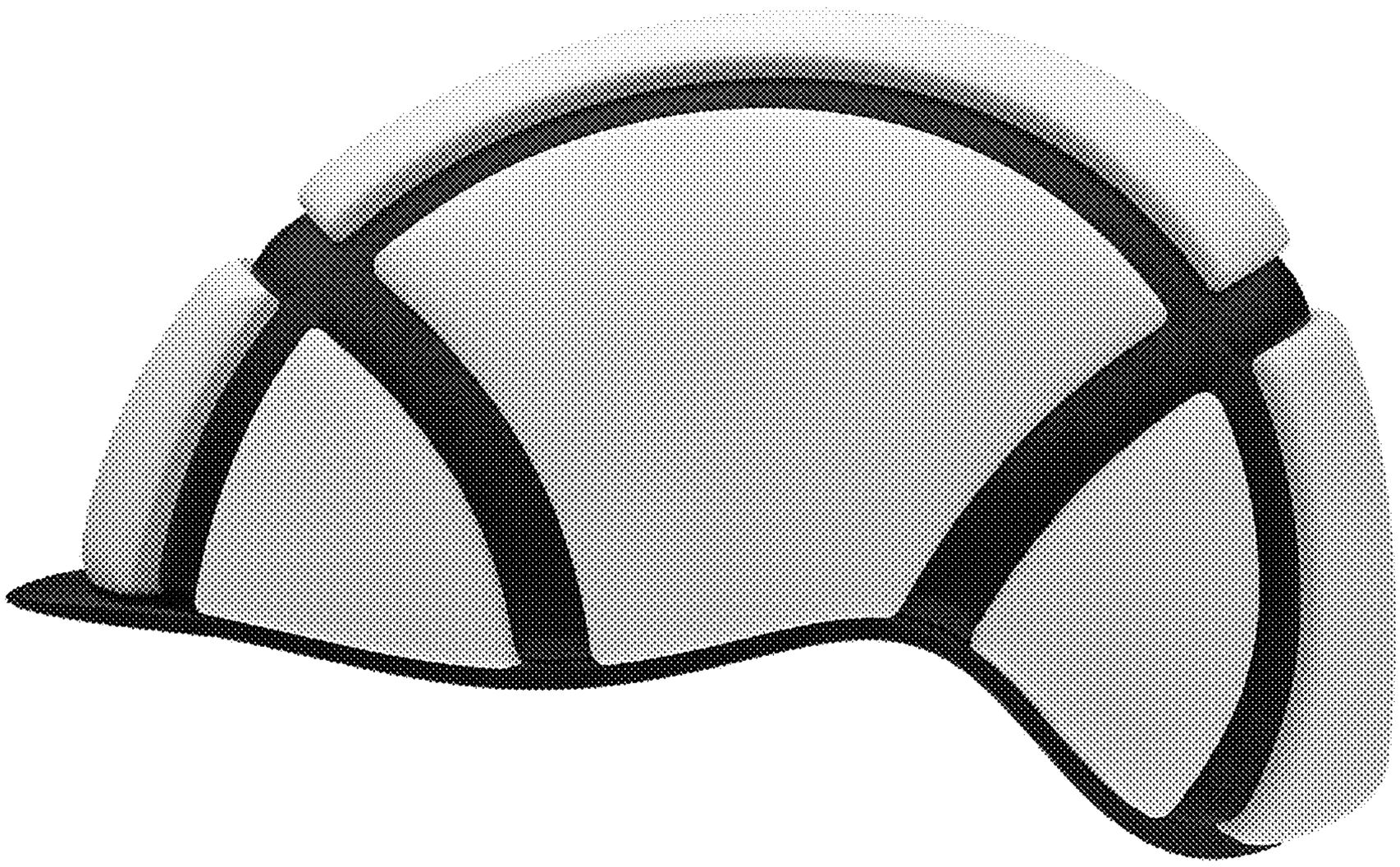
1.1



1.2

1.3

1.4



1.5

1.6

1.7

1.8