



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

(10) **Patent No.:** **US D1,069,134 S**
(45) **Date of Patent:** **** Apr. 1, 2025**

(54) **TOE SEPARATOR DEVICE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Kusha Karvandi**, Scottsdale, AZ (US)

EM 008841738 * 1/2022
KR 102320927 B1 11/2021

(72) Inventor: **Kusha Karvandi**, Scottsdale, AZ (US)

OTHER PUBLICATIONS

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

Mind Bodhi Toe Separators, Online, Published date Jun. 13, 2023, Retrieved on Nov. 28, 2023 from URL: <https://www.amazon.com/dp/B0C7WRMTWS?th=1>.*

(21) Appl. No.: **29/915,477**

VYCE Primal Step, Online, Published date Jul. 7, 2023, Retrieved on Dec. 4, 2024 from URL: <https://www.amazon.com/VYCE-PrimalStep-Fully-Adjustable-Separators/dp/B0CB92B5FB/>.*

(22) Filed: **Oct. 31, 2023**

(51) **LOC (15) Cl.** **24-02**

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

USPC **D24/192**

(58) **Field of Classification Search**

USPC D24/155, 188, 190, 192, 193, 213;
D28/56-58; D29/121.2

CPC A61F 5/10; A61F 13/0002; A61F 13/0203;
A61F 13/066; A61F 13/068; A61F 5/0111

See application file for complete search history.

(Continued)

Primary Examiner — Mary Shannon Malley
Assistant Examiner — Eric Eldone Tormanen
(74) *Attorney, Agent, or Firm* — Dunlap Bennett & Ludwig, PLLC

(56) **References Cited**

(57) **CLAIM**

The ornamental design for a toe separator device, as shown and described.

U.S. PATENT DOCUMENTS

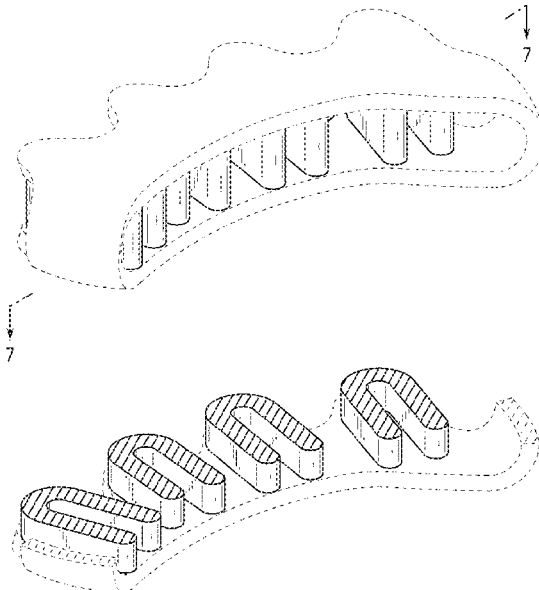
DESCRIPTION

2,396,154	A *	3/1946	Campbell	.....	A45D 29/004 132/285
2,595,640	A *	5/1952	Christopoulos	.....	A45D 29/22 132/73
4,688,562	A *	8/1987	Buchan	.....	A61F 13/0203 128/889
5,076,263	A	12/1991	Funatogawa		
D439,704	S *	3/2001	Ikeda	.....	D28/57
D595,897	S *	7/2009	Moldauer	.....	D28/56
D612,946	S *	3/2010	Ferri	.....	D24/200
D632,013	S *	2/2011	Irwin	.....	D28/57
D709,649	S *	7/2014	Maraffi	.....	D28/56
D720,463	S	12/2014	Ferri		
D767,771	S *	9/2016	Moon	.....	D24/188
D774,744	S *	12/2016	Williams	.....	D2/980
D835,793	S *	12/2018	Zhuang	.....	D28/57
D994,128	S *	8/2023	Karvandi	.....	D24/192
2021/0251791	A1 *	8/2021	Jung	.....	A61F 5/019

FIG. 1 is a front perspective view of a toe separator device, showing my new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left-side elevation view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a top plan view thereof, the bottom plan view is a mirror image thereof; and,
FIG. 7 is a cross-sectional view thereof, taken along line 7-7 in FIG. 1.

The broken lines shown in the drawings depict portions of the toe separator device that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Gel toe separators—Orthopedic bunion splint & big toe straightener for hallux valgus—hammer toe corrector & foot brace for bunion relief (Skin tone): Amazon.com.au: Health, Household & Personal Care. (Dec. 21, 2022). Amazon. Retrieved Sep. 28, 2023, from <https://www.amazon.com.au/Gel-Toe-Separators-Orthopedic-Straightener/dp/B0BQR4PNTB>.

2 Pairs(different) of Gel Toe Separator Silicone Toe Spacers for Correct Toe Alignment Toe Spreader for Bunions, Restore Overlapping Toes to Original Shape and Straightener Orthotics Sports Activities. (Jul. 1, 2023). Amazon. Retrieved Sep. 28, 2023, from <https://www.amazon.in/Pairs-Toe-Separator-Silicone-Straightener/dp/B0C9Y82FPF>.

Total Toe Spacers. (n.d.). The Toe Bro. Retrieved Sep. 28, 2023, from <https://thetoebro.com/products/total-toe-spacers>.

2x TOE Corrector Separator Gel Silicone Orthotic Alignment Hammer Claw Bunion. (n.d.). eBay. Retrieved Sep. 28, 2023, from <https://www.ebay.com/itm/404242208730?hash=item5e1eb697da:g:Ux8AAOSwqNNkNkHy&var=674131137325>. (White 1 pair, S) Toe Straightener for Curled Pinky Toes, Overlapping Toe, Blisters, Pains Relief. (n.d.). OnBuy.com. Retrieved Sep. 28, 2023, from <https://www.onbuy.com/gb/p/toe-straightener-for-curved-pinky-toes-overlapping-toe-blisters-pains-relief-p80322572/?variant=80322578&colour=white-1-pair&size=s>.

VRT® Silicone Gel Toe Separators, 5 Holes High Elastic Toe Straightener Hammer Hallux Valgus Corrector Pain Relief Toe Straightener Achilles Stretcher, Toe Separator Foot Care, Toe Spacers Bunion (White). (n.d.). Amazon.com. Retrieved Sep. 28, 2023, from <https://p-yo-www-amazon-in-kalias.amazon.in/VRT-Elastic-Straighteners-Silicone-Separators/dp/B07QL5DXWL>.

2pcs toe separator corrector Orthopedic silicone gel straightener Foot care tool. (n.d.). eBay. Retrieved Sep. 28, 2023, from <https://www.ebay.com/itm/394365656438>.

* cited by examiner

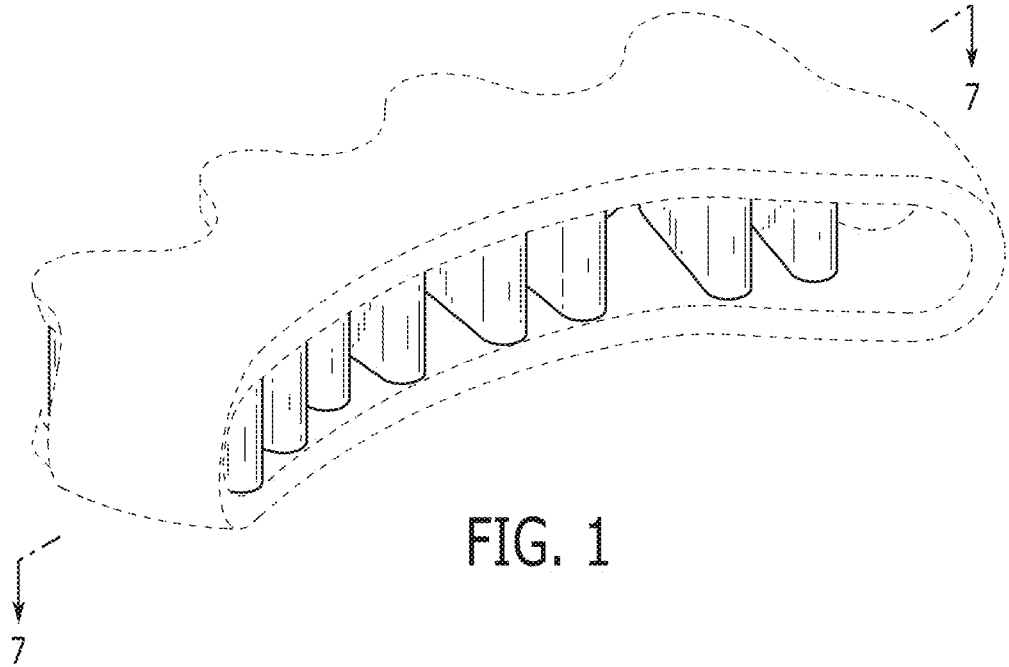


FIG. 1

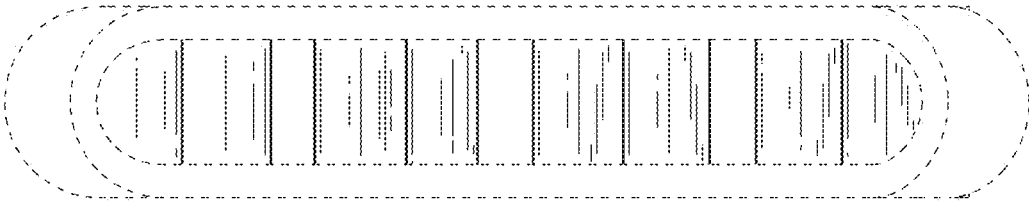


FIG. 2

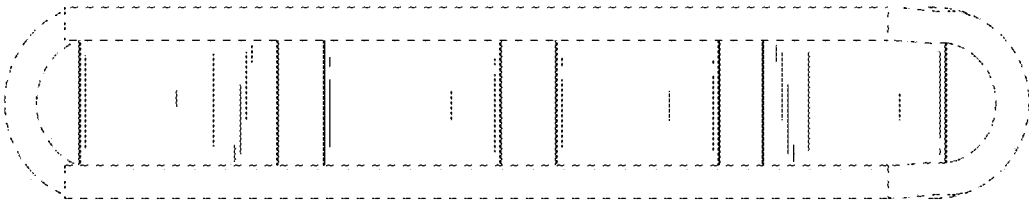


FIG. 3

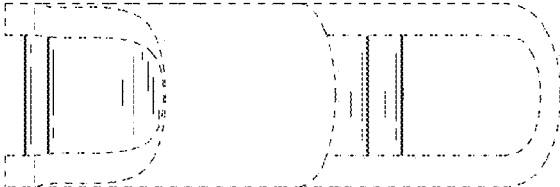


FIG. 4

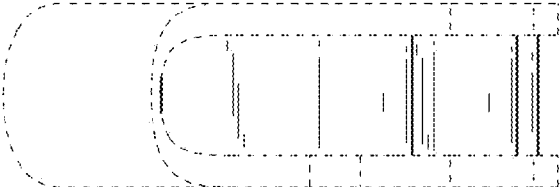


FIG. 5

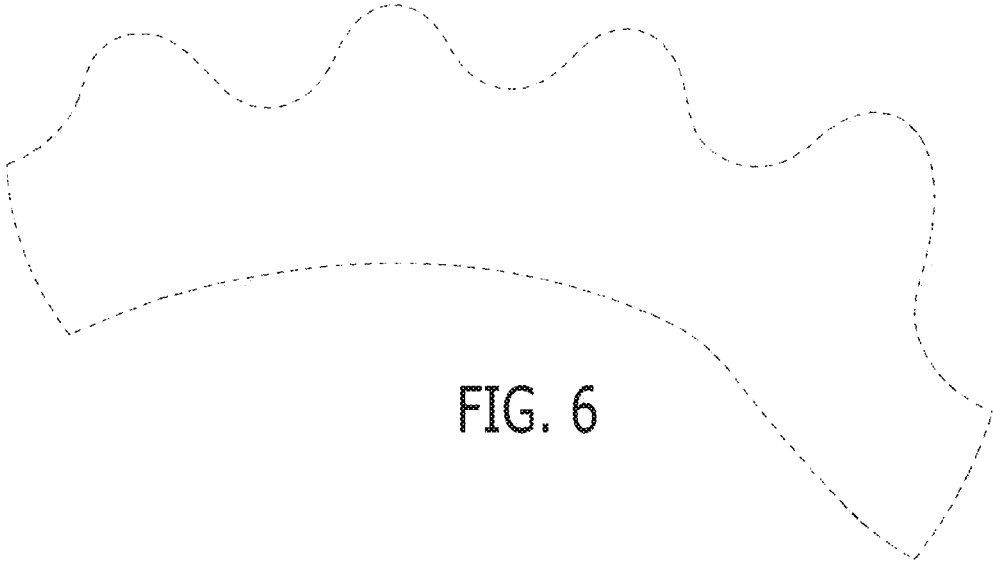


FIG. 6

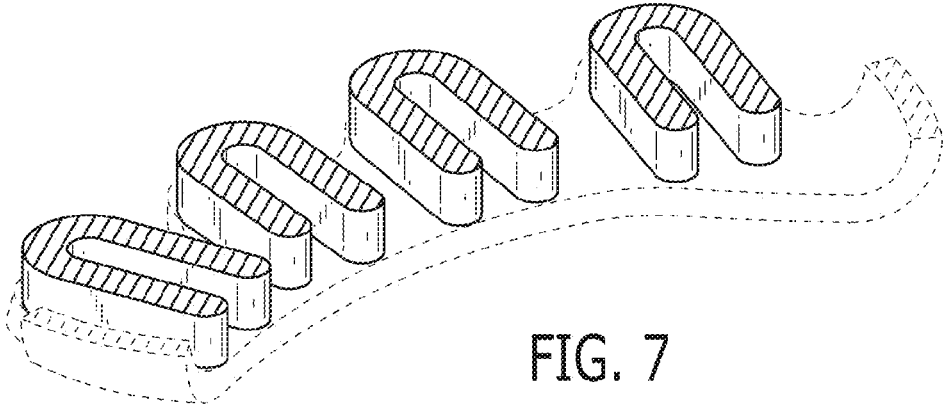


FIG. 7