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

(10) **Patent No.:** **US D679,405 S**  
(45) **Date of Patent:** **\*\* Apr. 2, 2013**

(54) **TEXTURED THERAPEUTIC TAPE BRACE**

(75) Inventor: **Ray Arbesman**, Toronto (CA)

(73) Assignee: **Fox Factory, Inc.**, Watsonville, CA (US)

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

(21) Appl. No.: **29/400,583**

(22) Filed: **Aug. 30, 2011**

(30) **Foreign Application Priority Data**

Mar. 4, 2011 (CA) ..... 139512

(51) **LOC (9) Cl.** ..... **24-01**

(52) **U.S. Cl.** ..... **D24/190; D24/189**

(58) **Field of Classification Search** ..... D24/189-192,  
D24/200, 206; 601/151-152; 602/1-2, 4-8,  
602/13, 19-23, 26, 27, 41, 54, 57, 62, 65,  
602/66, 75; 128/845, 870, 894, DIG. 20;  
606/202; 428/343, 354, 355 AC, 537.5, 608;  
442/62, 151, 184; D5/46, 47, 49, 53

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D102,821 S \* 1/1937 Forstmann ..... D5/47  
2,068,703 A \* 1/1937 Powdermaker ..... 602/42  
D114,049 S \* 3/1939 Turpan ..... D5/47  
2,161,720 A \* 6/1939 Morelli ..... 128/894  
2,310,082 A 2/1943 Holbrooke  
2,326,997 A \* 8/1943 Hochman ..... 602/41  
2,349,709 A 5/1944 Evans  
2,399,545 A 4/1946 Davis  
2,415,276 A 2/1947 Buckley et al.  
2,508,855 A 5/1950 Brown  
2,592,801 A 4/1952 Hanington  
2,630,119 A \* 3/1953 Aagesen ..... 604/374  
2,646,040 A \* 7/1953 Stanton ..... 602/58  
2,740,403 A 4/1956 Schueler  
2,826,200 A \* 3/1958 Brien et al. .... 604/375  
D182,905 S \* 5/1958 Kerkovius ..... D5/47  
2,861,006 A 11/1958 Salditt  
2,905,174 A \* 9/1959 Smith ..... 602/42

2,940,868 A 6/1960 Patchell  
2,992,644 A \* 7/1961 Plantinga et al. .... 602/47  
3,015,149 A \* 1/1962 Foster et al. .... 428/88  
3,199,548 A 8/1965 Conant  
3,245,406 A \* 4/1966 Chardack ..... 602/79  
3,316,906 A \* 5/1967 Baron ..... 604/375

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 1 716 829 11/2006  
JP 54-49197 4/1979

(Continued)

**OTHER PUBLICATIONS**

Naoko Aminaka and Phillip A. Gribble, Patellar Taping, Patel-  
lofemoral Pain Syndrome, Lower Extremity Kinematics, and  
Dynamic Postural Control, Journal of Athletic Training, 2008, pp.  
21-28, vol. 43(1).

(Continued)

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L.L.P.

(57) **CLAIM**

The ornamental design for a textured therapeutic tape brace,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a textured therapeutic tape  
brace showing my new design.

FIG. 2 is an enlarged perspective view of the circled portion  
indicated in FIG. 1, shown enlarged for clarity of illustration.

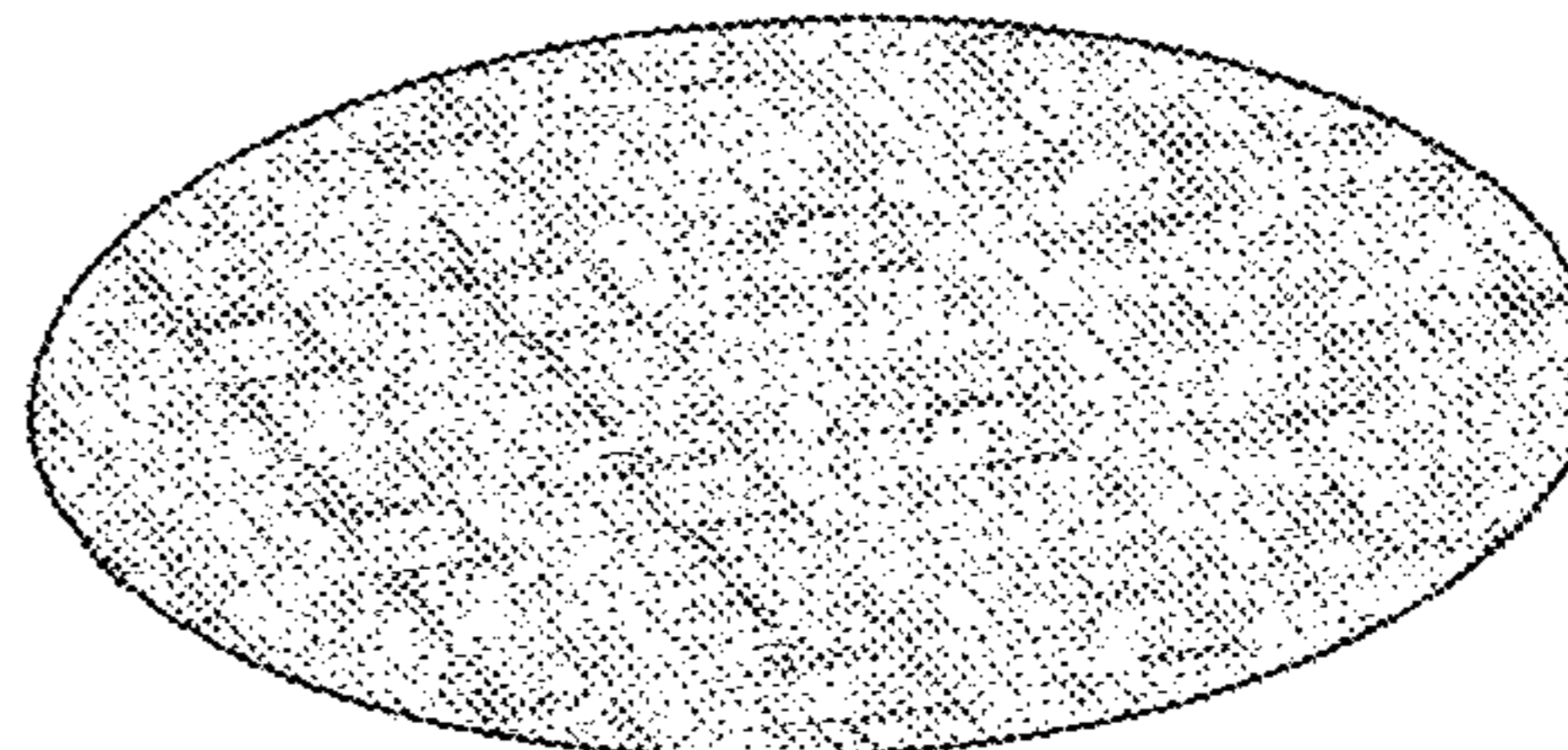
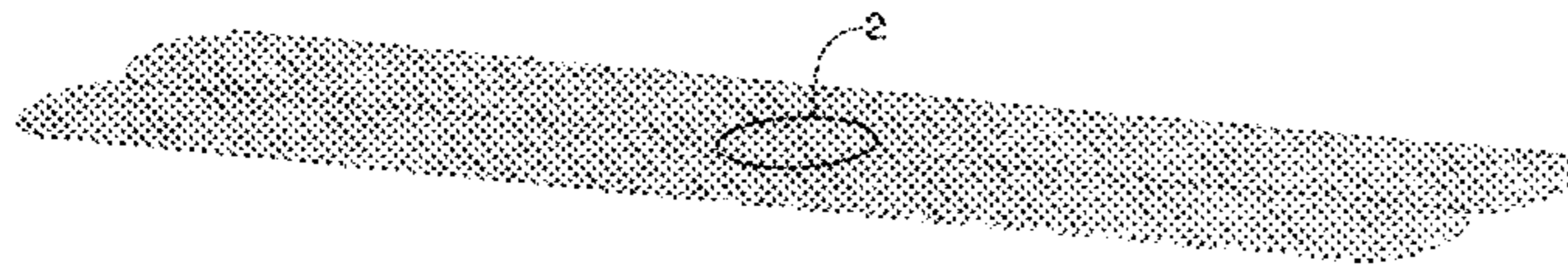
FIG. 3 is a top plan view of the textured therapeutic tape  
brace.

FIG. 4 is a left side view thereof; and,

FIG. 5 is a right side view thereof.

The broken lines along the edges of the textured therapeutic  
tape brace represent boundary lines and form no part of the  
claimed design.

**1 Claim, 3 Drawing Sheets**



U.S. PATENT DOCUMENTS

3,482,683	A *	12/1969	Desnoyers	428/343
3,618,754	A	11/1971	Hoey	
3,853,598	A	12/1974	Raguse	
D239,059	S *	3/1976	Newman	D24/189
D239,981	S *	5/1976	Arluck et al.	D24/190
3,989,041	A	11/1976	Davies	
4,112,177	A *	9/1978	Salditt et al.	428/315.9
4,207,885	A	6/1980	Hampton et al.	
4,236,550	A	12/1980	Braun et al.	
4,345,590	A	8/1982	Nakajima	
D267,200	S *	12/1982	Milding	D24/189
4,424,808	A	1/1984	Schafer et al.	
4,530,353	A *	7/1985	Lauritzen	602/42
4,665,909	A	5/1987	Trainor	
4,699,133	A	10/1987	Schafer et al.	
4,702,948	A	10/1987	Sieber-Gadient	
4,734,320	A	3/1988	Ohira et al.	
4,737,400	A	4/1988	Edison et al.	
4,891,040	A	1/1990	Nagai et al.	
5,047,285	A	9/1991	Ward	
5,139,476	A	8/1992	Peters	
5,279,891	A	1/1994	Ward	
5,480,708	A	1/1996	Cheng	
5,711,312	A *	1/1998	Staudinger	128/845
5,749,843	A	5/1998	Miller	
5,792,091	A *	8/1998	Staudinger	602/57
5,795,834	A	8/1998	Deeb et al.	
5,861,348	A	1/1999	Kase	
6,048,806	A	4/2000	Deeb et al.	
6,384,295	B2 *	5/2002	Wehde	602/54
6,447,470	B2	9/2002	Bodenschatz et al.	
D471,985	S *	3/2003	Dunshee et al.	D24/189
6,849,057	B2	2/2005	Satou et al.	
D509,299	S *	9/2005	Watanabe	D24/189
D514,703	S *	2/2006	Palomino, Jr.	D24/189
D552,313	S *	10/2007	Caruso et al.	D32/40
7,419,476	B2	9/2008	Oohira et al.	
D605,299	S *	12/2009	Iwahashi et al.	D24/189
D611,156	S *	3/2010	Dunshee	D24/189
D621,518	S *	8/2010	Arbesman et al.	D24/189
D625,825	S *	10/2010	Arbesman et al.	D24/190
D625,826	S *	10/2010	Arbesman et al.	D24/190
D625,827	S *	10/2010	Arbesman et al.	D24/190
D636,881	S *	4/2011	Clemens et al.	D24/189
D649,255	S *	11/2011	Kase	D24/190
D662,326	S *	6/2012	Shanbhag et al.	D5/49
2005/0228323	A1 *	10/2005	Tornai	602/5
2006/0074367	A1 *	4/2006	Palma	602/41
2008/0154169	A1	6/2008	Kase	

FOREIGN PATENT DOCUMENTS

JP	61-39135	3/1986
JP	61-257644	11/1986
JP	63-135621	9/1988
JP	64-061534	3/1989
JP	64-040421	10/1989
JP	4-18512	2/1992
JP	4-110723	9/1992
JP	7-43330	8/1995
JP	08-112304	5/1996
JP	2000-245771	9/2000
JP	2001-000463	1/2001
JP	2001-104366	4/2001

OTHER PUBLICATIONS

Dariusz Bialoszewski, Weronika Wozniak, and Slawomir Zarek, Clinical Efficacy of Kinesiology Taping in Reducing Edema of the Lower Limbs in Patients Treated With the Ilizarov Method— Preliminary Report, *Ortop Traumatol Rehabil*, 2009, pp. 46-54, vol. 11.

A. M. Cools, E. E. Witvrouw, L. A. Danneels, and D. C. Cambier, Does Taping Influence Electromyographic Muscle Activity in the Scapular Rotators in Healthy Shoulders, *Manual Therapy*, 2002, pp. 154-162, vol. 7(3).

Tieh-Cheng Fu, Alice M. K. Wong, Yu-Cheng Pei, Katie P. Wu, Shih-Wei Chou, and Yin-Chou Lin, Effect of Kinesio Taping on

Muscle Strength in Athletes— a Pilot Study, *Journal of Science and Medicine in Sport*, 2008, pp. 198-201, vol. 11.

J. M. Greve, J. D. Rossi, W. Cossermelli, and Filho Ferreira, Functional Rehabilitation of Degenerative Tendinous Injuries of the Shoulder, *Rev. Hosp Clin Fac Med Sao Paulo*, Mar.-Apr. 1991, vol. 46(2).

Yin-Hsin Hsu, Wen-Yin Chen, Hsiu-Chen Lin, Wendy T. J. Wang, and Yi-Fen Shih, The Effects of Taping on Scapular Kinematics and Muscle Performance in Baseball Players with Shoulder Impingement Syndrome, *Journal of Electromyography and Kinesiology* 19, 2009, pp. 1092-1099.

Ewa Jaraczewska and Carol Long, Kinesio Taping in Stroke: Improving Functional Use of the Upper Extremity in Hemiplegia, *Topics in Stroke Rehabilitation*, Summer 2006, pp. 31-42.

Kenzo Kase, *Illustrated Kinesio Taping*, Fourth Edition, Ken'1 Kai Information, 2005.

Kenzo Kase, Jim Wallis, and Tsuyoshi Kase, *Clinical Therapeutic Applications of the Kinesio Taping Method*, 2<sup>nd</sup> Edition, Tokyo: Kenzo Kase, 2003.

Kenzo Kase, Tasuyaki Hashimoto, and Tomoki Okane, *Kinesio Taping Perfect Manual*, 1996, Japan, Kinesio Taping Association.

Kinesio Tex Website, dated May 8, 2008, Retrieved from the Internet: <URL: <http://www.kinesio-tape.com/KinesioTex1.html>> published 2007.

Canadian Office Action for Application No. 2,578,927 dated Jan. 19, 2011.

International Search Report for International Application No. PCT/CA2008/000233, dated May 14, 2008.

Yuh-Hwan Liu, Shu-Min Chen, Chi-Yi Lin, Chung-I Huang, and Yung-Nien Sun, Motion Tracking on Elbow Tissue from Ultrasonic Image Sequence for Patients with Lateral Epicondylitis, *Proceedings of the 29<sup>th</sup> Annual International Conference of the IEEE EMBS*, Lyon, France, Aug. 23-26, 2007, pp. 95-98.

Michael B. Miller, Iatrogenic and Nurisgenic Effects of Prolonged Immobilization of the III Aged, *Journal of the American Geriatrics Society*, Jul. 1975, vol. XXIII, No. 7, pp. 360-369.

S. O'Leary, M. Carroll, R. Mellor, A. Scott, and B. Vicenzino, the Effect of Soft Tissue Deloading Tape on Thoracic Spine Pressure Pain Thresholds in Asymptomatic Subjects, *Manual Therapy*, 2002, pp. 150-153, vol. 7(3).

Steven B. Purcell, Brynn E. Schuckman, Carrie L. Docherty, John Schrader, and Wendy Poppy, Differences in Ankle Range of Motion Before and After Exercise in 2 Tape Conditions, *the American Journal of Sports Medicine*, 2009, pp. 383-389, vol. 37, No. 2.

David M. Selkowitz, Casey Chaney, Sandra J. Stuckey, and Georgeanne Vlad, the Effects of Scapular Taping on the Surface Electromyographia Signal Amplitude of Shoulder Girdle Muscles During Upper Extremity Elevation in Individuals With Suspected Shoulder Impingement Syndrome, *Journal of Orthopaedic Sports Physical Therapy*, Nov. 2007, vol. 37, No. 11.

Anna Slupik, Michael Dwornik, Dariusz Bialoszewski, and Emilia Zych, Effect of Kinesio Taping on Bioelectrical Activity of Vastus Medialis Muscle Preliminary Report, *Ortop Traumatol Rehabil*, Medsportpress, Nov.-Dec. 2007, pp. 644-651, vol. 9.

Mark D. Thelen, James A Dauber, and Paul D. Stoneman, the Clinical Efficacy of Kinesio Tape for Shoulder Pain: A Randomized, Double-Blinded, Clinical Trial, *Journal of Orthopaedic & Sports Physical Therapy*, Jul. 2008, pp. 389-395, vol. 38, No. 7.

Han-Ju Tsai, Hsiu-Chuan Hung, Jing-Lan Yang, Chiun-Sheng Huang, and Jau-Yih Tsauo, Could Kinesio Tape Replace the Bandage in Decongestive Lymphatic Therapy for Breast-Cancer-Related Lymphedema? A Pilot Study, *Support Care Cancer*, 2009, pp. 1353-1360.

Audrey Yasukawa, Payal Patel, and Charles Sisung, Pilot Study: Investigating the Effects of Kinesio Taping in an Acute Pediatric Rehabilitation Setting, *the American Journal of Occupational Therapy*, Jan./Feb. 2006, pp. 104-110, vol. 60, No. 1.

Ayako Yoshida and Leamor Kahanov, the Effect of Kinesio Taping on Lower Trunk Range of Motions, *Research in Sports Medicine*, 2007, pp. 103-112, vol. 15.

\* cited by examiner

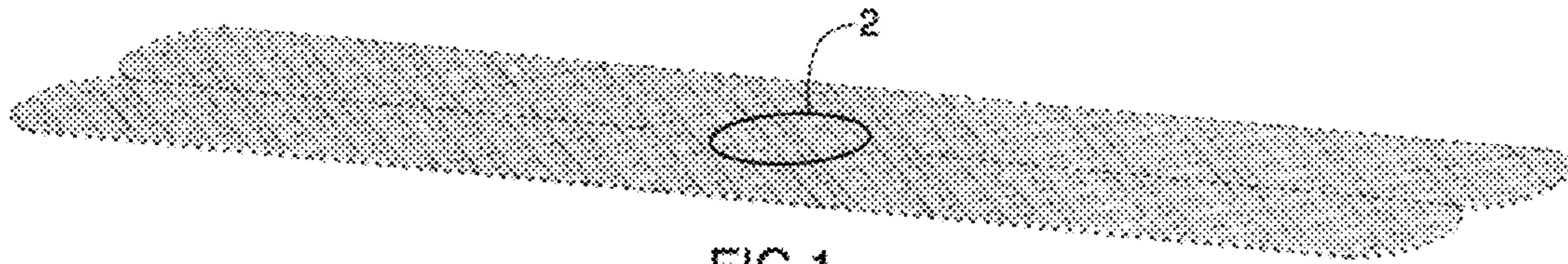


FIG. 1

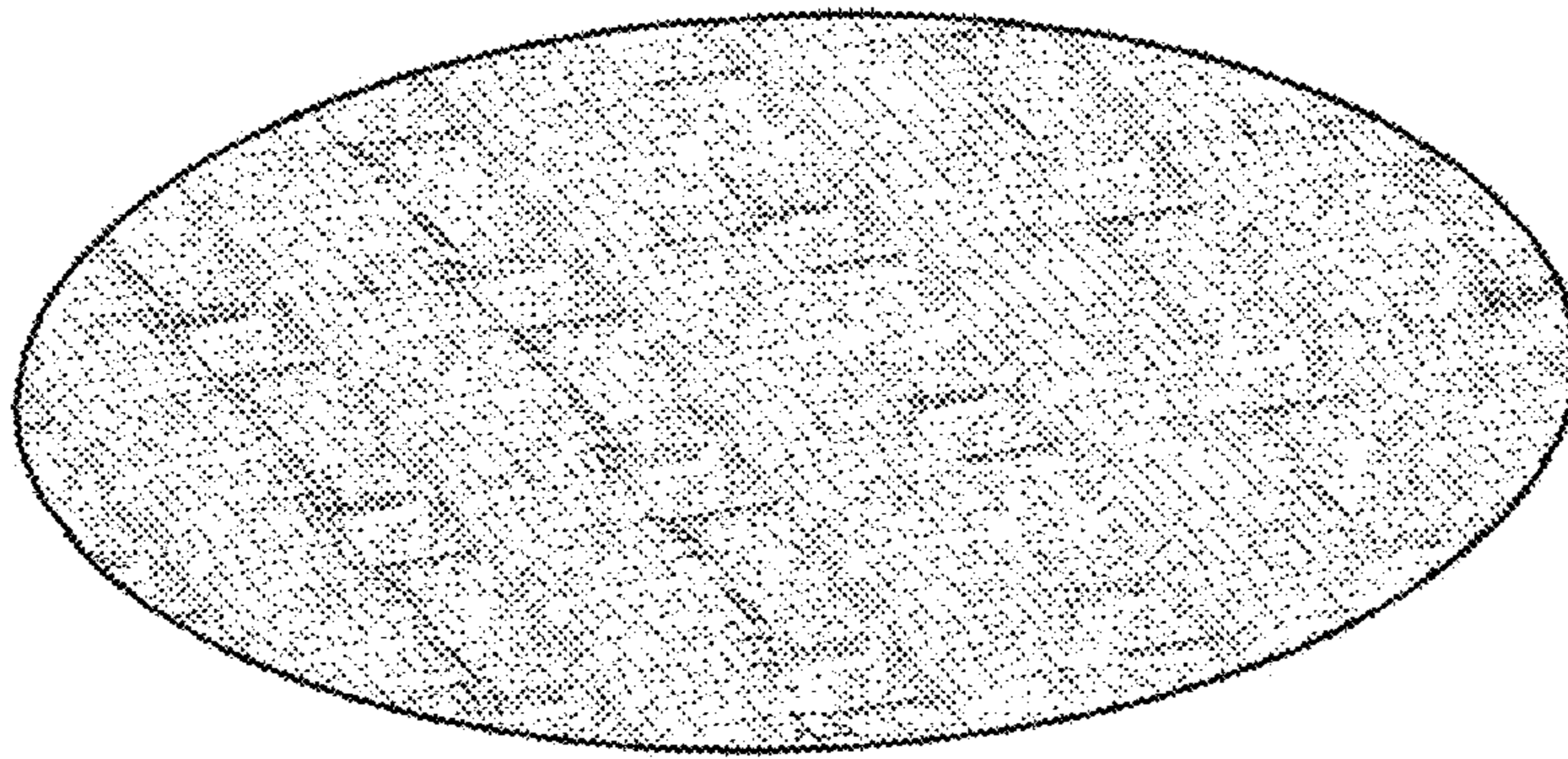


FIG. 2

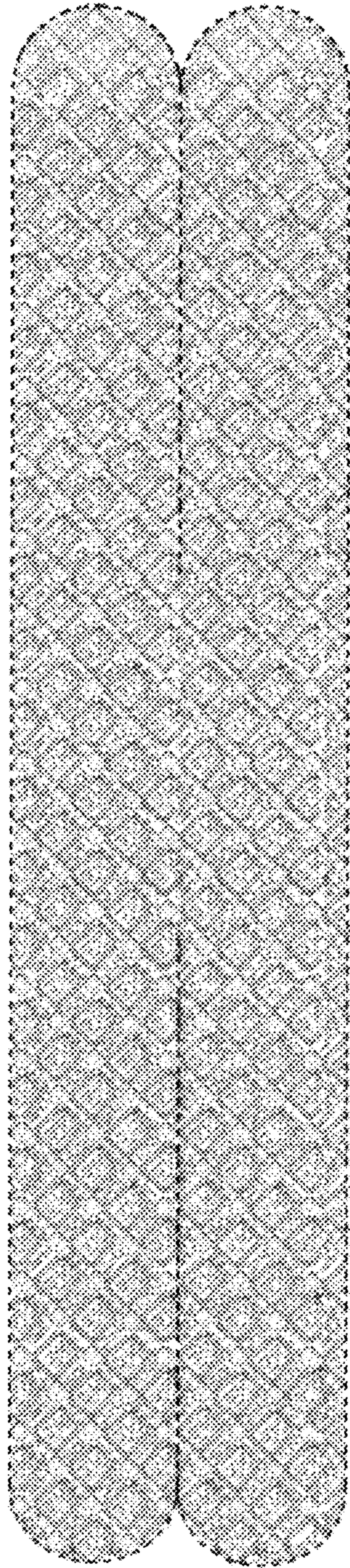


FIG.3

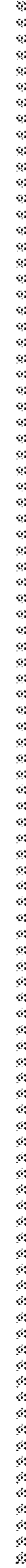


FIG.4

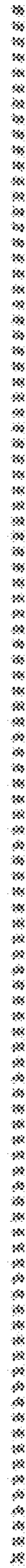


FIG. 5

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D679,405 S  
APPLICATION NO. : 29/400583  
DATED : April 2, 2013  
INVENTOR(S) : Ray Arbesman

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the Title Page:**

DELETE Item “(73): Assignee: Fox Factory, Inc., Watsonville, CA (US)”.

Signed and Sealed this  
Twenty-second Day of October, 2013



Teresa Stanek Rea  
*Deputy Director of the United States Patent and Trademark Office*