



US00D672968S

(12) **United States Design Patent**
Steeman et al.

(10) **Patent No.:** **US D672,968 S**
(45) **Date of Patent:** **** Dec. 25, 2012**

(54) **FILM SHEET FOR USE IN ANTIBALLISTIC ARTICLES**

(75) Inventors: **Reinard Steeman**, Elsloo (NL); **Marcel Jongedijk**, Sittard (NL)

(73) Assignee: **DSM IP Assets B.V.**, Heerlen (NL)

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

(21) Appl. No.: **29/389,003**

(22) Filed: **Apr. 5, 2011**

Related U.S. Application Data

(62) Division of application No. 29/367,787, filed on Aug. 12, 2010, now Pat. No. Des. 637,821, which is a division of application No. 29/338,884, filed on Jun. 19, 2009, now Pat. No. Des. 626,753.

(51) **LOC (9) Cl.** **05-06**

(52) **U.S. Cl.** **D5/58**

(58) **Field of Classification Search** D5/1-4, D5/19, 47, 53, 55-59, 60, 61, 99; D6/582, D6/583, 592, 596, 616, 622; D19/5; D24/124-126; 52/660; 112/401, 416, 439; 139/383 R; 428/32, 37, 39, 66.5, 79, 85, 153, 187, 190
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D36,329 S *	5/1903	Sackman	.....	D5/53
D61,587 S	10/1922	Lord		
D64,019 S *	2/1924	Lord	.....	D5/46
D65,961 S *	11/1924	Cocking	.....	D5/47
1,611,403 A	12/1926	Bales		
1,877,154 A	9/1932	Reed		
D88,490 S	11/1932	Singer		
D90,914 S	10/1933	Juestrich		

D113,603 S *	2/1939	Levy	.....	D5/47
D120,183 S *	4/1940	Cummings	.....	D5/47
D126,967 S *	5/1941	Rhodes	.....	D5/46
D127,202 S *	5/1941	Landry	.....	D5/47
D128,120 S *	7/1941	Landry	.....	D5/46
D128,749 S *	8/1941	McLaughlin	.....	D5/46
D128,956 S	8/1941	Cummings		
D129,480 S *	9/1941	Horowitz	.....	D5/47
D135,042 S *	2/1943	Abt	.....	D5/46
2,483,236 A *	9/1949	Rona	.....	112/401
D239,245 S	3/1976	Fletcher		
D270,801 S *	10/1983	Curatolo	.....	D6/583
4,931,126 A	6/1990	McCarville et al.		
D348,908 S	7/1994	Seiler		
D389,589 S	1/1998	Artajona-Baena		
5,913,765 A *	6/1999	Burgess et al.	.....	493/403
6,079,177 A	6/2000	Halchuck		
D452,779 S	1/2002	Jacobs		

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1 627 719 2/2006

(Continued)

Primary Examiner — Karen S Acker

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental design for a film sheet for use in antiballistic articles, as shown and described.

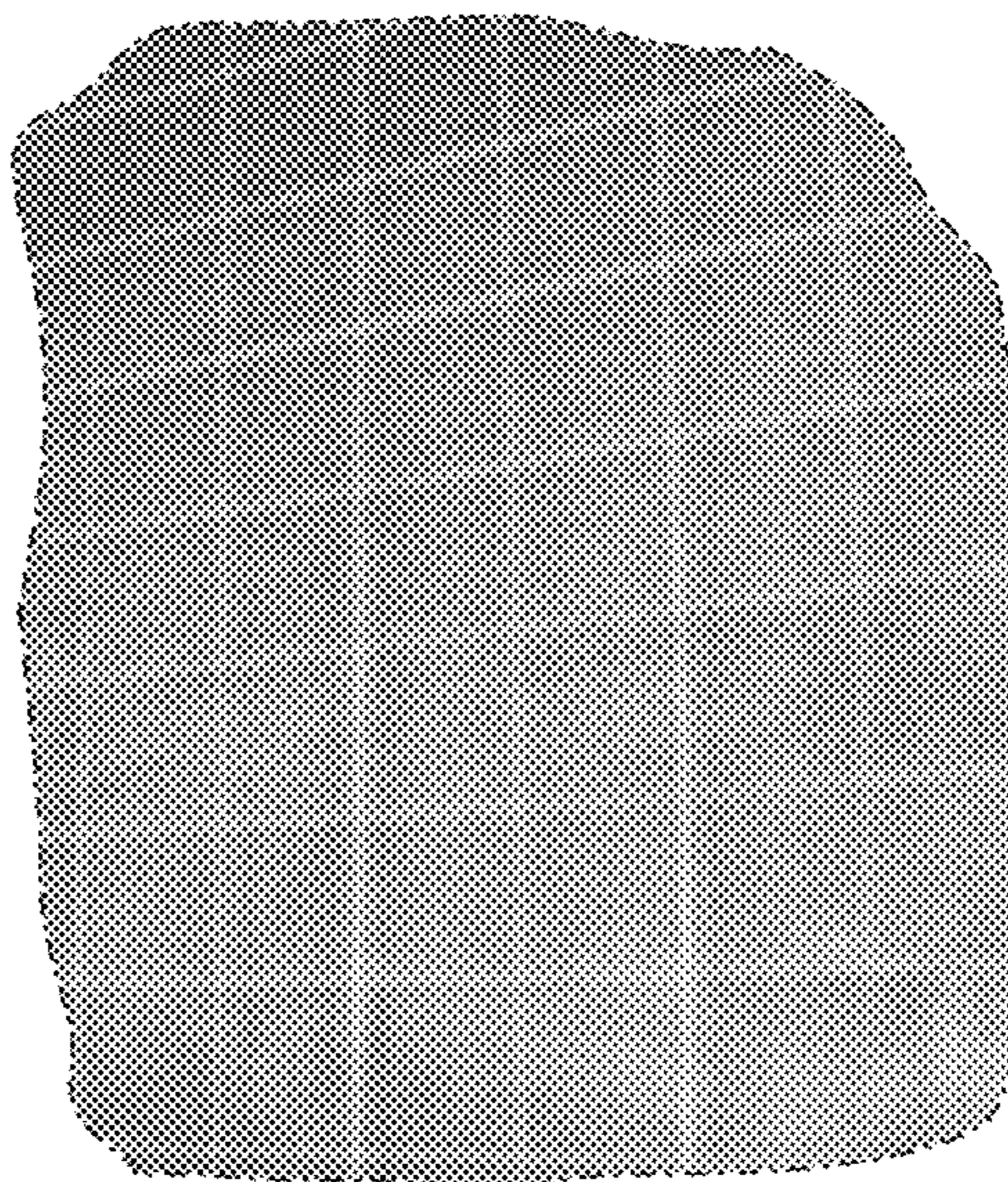
DESCRIPTION

The sole FIGURE is a plan view of a film sheet for use in antiballistic articles which embodies our new and original design therefore.

The broken lines surrounding the drawing indicate the boundaries of the claim and form no part thereof.

The film sheet for use in antiballistic articles is flat and planar.

1 Claim, 1 Drawing Sheet



US D672,968 S

Page 2

U.S. PATENT DOCUMENTS

6,412,778 B1 7/2002 Alaimo
D477,092 S 7/2003 Crawley et al.
D478,218 S 8/2003 Liang
D479,653 S * 9/2003 Rovini D5/43
D518,648 S 4/2006 Broering et al.
7,021,628 B2 4/2006 Reynolds
7,161,175 B2 1/2007 Shau
D549,967 S 9/2007 Wing
D552,689 S 10/2007 Hauls, Jr.
D552,758 S 10/2007 Murdock
D555,407 S 11/2007 Lan
D570,502 S 6/2008 Silvestrin
7,507,489 B2 3/2009 Toriyama
7,546,715 B2 6/2009 Roen

7,547,112 B2 6/2009 Kim
D597,224 S 7/2009 Ziliotto
D601,375 S 10/2009 Venugopal
D629,619 S * 12/2010 Steeman et al. D5/58
D629,620 S * 12/2010 Steeman et al. D5/58
D637,408 S * 5/2011 Steeman et al. D5/58
D645,260 S * 9/2011 Steeman et al. D5/58
2004/0092183 A1 5/2004 Geva et al.
2008/0127531 A1 6/2008 Stanek et al.
2009/0311466 A1 12/2009 Marissen et al.

FOREIGN PATENT DOCUMENTS

WO WO 00/48821 8/2000

* cited by examiner

