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

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(54) **MANCALA GAME SET**

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

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(51) **LOC (12) Cl.** ..... **21-01**

(52) **U.S. Cl.**  
USPC ..... **D21/342**; D21/335; D21/366

(58) **Field of Classification Search**  
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CPC ..... A63F 2007/0082; A63F 2007/0076; A63F 3/00006; A63F 3/00261; A63F 3/00; A63F 3/00003; A63F 3/02; A63F 3/04; A63F 3/00082; A63F 3/00088; A63F 3/00091; A63F 3/00097; A63F 3/00173; A63F 3/00176; A63F 3/0023; A63F

3/0052; A63F 3/00694; A63F 3/027; A63F 3/062; A63F 3/0625; A63F 2003/00186; A63F 2003/00009; A63F 2003/00022; A63F 2003/00208; A63F 2003/00463; A63F 2003/0047; A63F 2003/00523; A63F 2009/0033; A63F 2009/0035; A63F 2009/0047; A63F 9/0073; A63F 7/0076

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D17,127 S *	2/1887	Clark	.....	D19/103
D55,496 S *	6/1920	White	.....	D7/590
1,653,244 A *	12/1927	White	.....	A61J 7/0069
				206/459.5
D110,770 S *	8/1938	Alger	.....	D21/335
D111,647 S *	10/1938	Alger	.....	D21/335
D115,126 S *	6/1939	Petersen et al.	.....	D21/335
D122,589 S *	9/1940	Bastress	.....	D7/553.5
D133,824 S *	9/1942	Young	.....	D7/611

(Continued)

*Primary Examiner* — Susan Moon Lee

(57) **CLAIM**

The ornamental design for a mancala game set, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a mancala game set, shown in an open condition;

FIG. 2 is a front, top surface perspective view thereof;

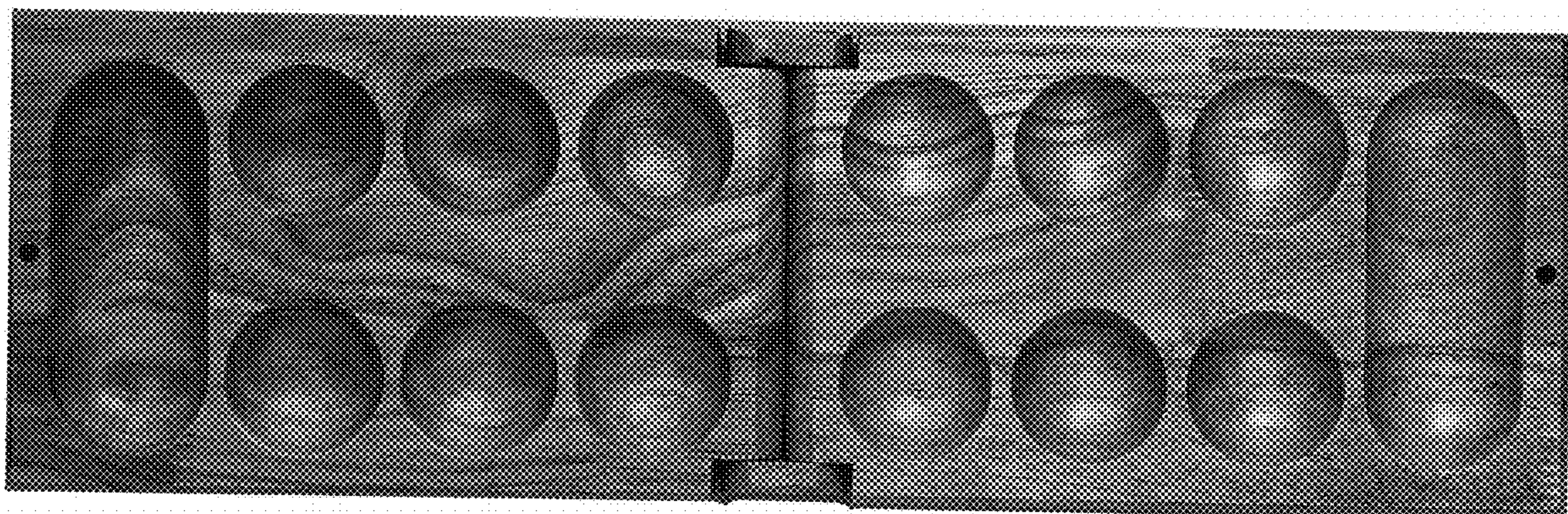
FIG. 3 is a bottom view thereof;

FIG. 4 is a front, bottom surface perspective of the mancala game set shown in a closed condition, the rear, bottom perspective view being a mirror image;

FIG. 5 is a right side, bottom surface perspective view thereof; and,

FIG. 6 is a left side, bottom surface perspective view thereof.

**1 Claim, 6 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

- D135,930 S \* 7/1943 Cobb ..... D21/342  
D137,722 S \* 4/1944 Triay ..... D21/366  
D137,887 S \* 5/1944 Shulman ..... D7/611  
D139,220 S \* 10/1944 Woodward et al. .... D21/366  
D143,719 S \* 2/1946 Ernster ..... D7/611  
D146,697 S \* 4/1947 Bates ..... D7/553.8  
D148,455 S \* 1/1948 Bleich et al. .... D19/92  
D150,414 S \* 8/1948 Gulley ..... D7/611  
2,501,379 A \* 3/1950 Cranston ..... A47F 3/14  
206/509  
D160,848 S \* 11/1950 Ernster ..... D7/611  
D162,742 S \* 4/1951 Lorenzana et al. .... D21/345  
D168,933 S \* 3/1953 Gamble ..... D21/335  
D172,958 S \* 9/1954 Ferrucci ..... D19/103  
2,704,927 A \* 3/1955 Carrell ..... F25C 1/24  
62/382  
D192,672 S \* 4/1962 Jenkins ..... D24/230  
3,211,290 A \* 10/1965 Strickling ..... B65B 21/18  
209/522  
3,273,700 A \* 9/1966 Moreau et al. .... B44D 3/04  
206/1.7  
D206,761 S \* 1/1967 Kirwan ..... D7/553.5  
D210,613 S \* 3/1968 Moore ..... F25D 25/00  
D7/611  
D217,851 S \* 6/1970 Yankovich ..... D3/313  
D222,522 S \* 10/1971 Zipf ..... D3/313  
D223,026 S \* 2/1972 Rotkow ..... D19/59  
D223,714 S \* 5/1972 Kester ..... D10/46.1  
3,705,727 A \* 12/1972 Breslow ..... A63F 3/00  
273/271  
3,840,113 A \* 10/1974 Bartleson ..... B44D 2/002  
206/575  
3,940,212 A \* 2/1976 Gutner ..... F16B 12/14  
403/306  
D239,334 S \* 3/1976 Lowenstein ..... D19/77  
D245,118 S \* 7/1977 Heaton ..... D24/230  
D246,945 S \* 1/1978 Shore ..... D7/549  
D247,533 S \* 3/1978 Noyes ..... D6/514  
D247,647 S \* 3/1978 Huber ..... D19/77  
4,123,062 A \* 10/1978 Wexler ..... A63F 3/00  
273/243  
D251,644 S \* 4/1979 Ravn ..... D6/571  
D253,071 S \* 10/1979 Montez ..... D24/181  
D253,126 S \* 10/1979 Baxter ..... D24/226  
D253,127 S \* 10/1979 Baxter ..... D24/226  
D255,310 S \* 6/1980 Spencer ..... D7/553.5  
D256,081 S \* 7/1980 Patterson ..... D3/311  
4,237,906 A \* 12/1980 Havstad ..... A61B 17/205  
215/250  
D265,915 S \* 8/1982 Tivey ..... D19/103  
D266,728 S \* 11/1982 Ivy ..... D7/693  
D268,130 S \* 3/1983 Easton ..... D24/230  
D270,170 S \* 8/1983 Shoptaugh ..... D21/342  
D272,923 S \* 3/1984 Quinn ..... 273/148 R  
D274,789 S \* 7/1984 Brown ..... D9/758  
D274,885 S \* 7/1984 Joice ..... D9/758  
D276,116 S \* 10/1984 Basil ..... D7/541  
D279,384 S \* 6/1985 Evenson ..... D19/75  
D280,290 S \* 8/1985 Bakus ..... D9/425  
D283,164 S \* 3/1986 Pandya ..... D19/75  
4,648,524 A \* 3/1987 Ackermann ..... A47B 88/969  
220/507  
D289,531 S \* 4/1987 Coghill ..... D10/46.1  
D294,668 S \* 3/1988 Handler ..... D6/569  
D297,441 S \* 8/1988 Smith, III ..... D21/335  
D299,287 S \* 1/1989 Gertler ..... D12/419  
D301,575 S \* 6/1989 Crawford, Jr. .... D13/119  
D302,026 S \* 7/1989 Tu ..... D19/75  
4,872,723 A \* 10/1989 Kopf ..... B60N 3/002  
297/216.1  
D308,699 S \* 6/1990 Ancona ..... D19/75  
D309,687 S \* 8/1990 Embree ..... D6/552  
D311,210 S \* 10/1990 Bottcher ..... D19/103  
D319,348 S \* 8/1991 Monteleon ..... D3/313  
D320,619 S \* 10/1991 Schleeh et al. .... D19/75  
5,052,549 A \* 10/1991 Scharch ..... F42B 39/00  
206/3  
D321,431 S \* 11/1991 Dunkeld ..... D12/419  
D335,796 S \* 5/1993 Barnes ..... D7/553.5  
D338,808 S \* 8/1993 Anderson ..... D7/549  
D350,478 S \* 9/1994 Fuller ..... D3/203.3  
D355,333 S \* 2/1995 Campbell ..... D7/553.2  
D358,841 S \* 5/1995 Ascone ..... D19/103  
D363,856 S \* 11/1995 Westbrook, Jr. .... D7/553.2  
D364,567 S \* 11/1995 Dancel ..... D9/436  
D368,736 S \* 4/1996 Massena ..... D19/103  
D369,469 S \* 5/1996 Gregory ..... D3/313  
D370,781 S \* 6/1996 Vasudeva ..... D3/284  
D381,515 S \* 7/1997 Haynes ..... D24/224  
D393,543 S \* 4/1998 Wilkening ..... D3/313  
5,738,108 A \* 4/1998 Hein ..... A61B 5/411  
600/556  
D394,750 S \* 6/1998 Iversen ..... D3/313  
D396,954 S \* 8/1998 Iversen ..... D19/75  
D396,955 S \* 8/1998 Iversen ..... D19/75  
D396,956 S \* 8/1998 Iversen ..... D19/75  
D411,308 S \* 6/1999 Pandey ..... D24/216  
D419,772 S \* 2/2000 Williams ..... D3/201  
D439,113 S \* 3/2001 Claffy ..... D7/553.1  
D443,299 S \* 6/2001 Harrison ..... D19/103  
D457,371 S \* 5/2002 Grassman ..... D6/552  
D467,080 S \* 12/2002 Zimmerman ..... D3/311  
D484,919 S \* 1/2004 Campos ..... D21/335  
D490,244 S \* 5/2004 Pero ..... D3/315  
D504,563 S \* 5/2005 Broussard ..... D3/20  
D513,124 S \* 12/2005 Funk ..... D3/313  
D519,303 S \* 4/2006 Winig ..... D6/682.2  
D545,379 S \* 6/2007 Floden ..... D21/346  
D585,683 S \* 2/2009 Nielsen ..... D6/629  
D589,626 S \* 3/2009 Petersen ..... D24/230  
D592,401 S \* 5/2009 Beavers ..... D3/304  
D596,758 S \* 7/2009 Constable ..... D24/230  
D600,748 S \* 9/2009 Tabuchi ..... D19/106  
D601,343 S \* 10/2009 Franczyk ..... D3/313  
D606,774 S \* 12/2009 Kohli ..... D6/406.6  
D617,118 S \* 6/2010 Fojtasek ..... D6/382  
D618,476 S \* 6/2010 Maddux ..... D6/705  
D624,795 S \* 10/2010 Koeleman ..... D7/706  
D634,541 S \* 3/2011 Gutierrez ..... D3/313  
D639,866 S \* 6/2011 Levasseur ..... D21/342  
D656,201 S \* 3/2012 Perrin ..... D21/335  
D660,723 S \* 5/2012 Akana ..... D9/424  
D661,950 S \* 6/2012 Greenwood ..... D7/590  
D669,311 S \* 10/2012 Hsu ..... D7/553.5  
8,302,801 B2 \* 11/2012 Fried ..... B65D 21/086  
220/508  
D674,709 S \* 1/2013 Akana ..... D9/432  
8,381,662 B2 \* 2/2013 Goldszer ..... A47B 37/04  
108/25  
D678,409 S \* 3/2013 Papenfuß ..... D19/106  
D680,379 S \* 4/2013 Lackey ..... D7/553.2  
D685,654 S \* 7/2013 Akana ..... D9/432  
D690,164 S \* 9/2013 Lock ..... D7/553.2  
D695,078 S \* 12/2013 Hertaus ..... D7/600.1  
D709,323 S \* 7/2014 Brown ..... D7/213  
D713,051 S \* 9/2014 Smeja ..... D24/230  
D714,958 S \* 10/2014 Smeja ..... D24/230  
D729,549 S \* 5/2015 Williams ..... D6/675  
D734,867 S \* 7/2015 Smeja ..... D24/230  
D736,403 S \* 8/2015 Hudson ..... D24/216  
D739,680 S \* 9/2015 Smeja ..... D24/230  
D742,666 S \* 11/2015 Akana ..... D6/682.2  
D744,159 S \* 11/2015 Lukas ..... D27/172  
D746,637 S \* 1/2016 Mairinger ..... D7/553.2  
D750,443 S \* 3/2016 Kraemer ..... D7/611  
9,393,075 B2 \* 7/2016 Ghosh ..... A61B 50/13  
D767,309 S \* 9/2016 Akana ..... D6/682.2  
D769,678 S \* 10/2016 Jussen ..... D7/701  
9,486,294 B2 \* 11/2016 Ghosh ..... A61B 50/13  
D785,406 S \* 5/2017 Wansink ..... D7/553.2  
D789,749 S \* 6/2017 Tsai ..... D7/600.1  
D789,750 S \* 6/2017 Noe ..... D7/600.1  
D793,813 S \* 8/2017 Dubois ..... D7/553.2

(56)

## References Cited

## U.S. PATENT DOCUMENTS

D793,856 S \* 8/2017 Akana ..... D9/425  
D795,704 S \* 8/2017 Tanus ..... D9/456  
9,788,913 B2 \* 10/2017 Ghosh ..... A61B 50/13  
D804,261 S \* 12/2017 Almaguer ..... D7/701  
D807,129 S \* 1/2018 Martinez ..... D7/701  
D820,330 S \* 6/2018 Di Monte, Sr. .... D15/140  
D820,623 S \* 6/2018 Akana ..... D6/682.4  
D820,690 S \* 6/2018 Canuto ..... D9/757  
D826,425 S \* 8/2018 Muller ..... D24/230  
D826,426 S \* 8/2018 Muller ..... D24/230  
D827,432 S \* 9/2018 Akana ..... D9/436  
D834,365 S \* 11/2018 Hundley ..... D7/391  
D836,832 S \* 12/2018 Kesselman ..... D27/186  
D836,991 S \* 1/2019 Wansink ..... D7/553.5  
D838,553 S \* 1/2019 Kraemer ..... D7/611  
D840,053 S \* 2/2019 Kamees ..... D24/230  
D840,249 S \* 2/2019 Payne ..... D9/760  
D844,375 S \* 4/2019 Hundley ..... D7/391  
D844,806 S \* 4/2019 Johns ..... D24/227  
D859,979 S \* 9/2019 Akana ..... D9/432  
D863,449 S \* 10/2019 Shoptaugh ..... D21/342  
D872,187 S \* 1/2020 Hsu ..... D21/343  
D873,660 S \* 1/2020 Akana ..... D9/436  
2005/0265129 A1 \* 12/2005 Agnoff ..... A47B 51/00  
368/206  
2006/0283767 A1 \* 12/2006 White West ..... A45D 19/00  
206/557

\* cited by examiner

FIG. 1

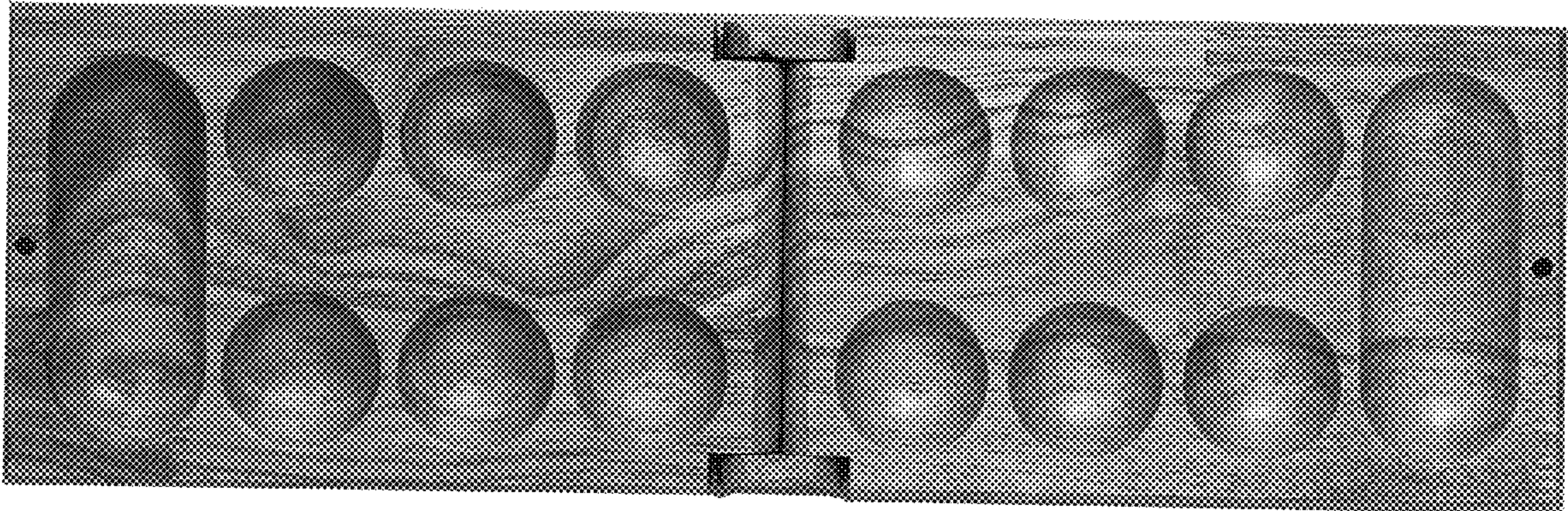


FIG. 2

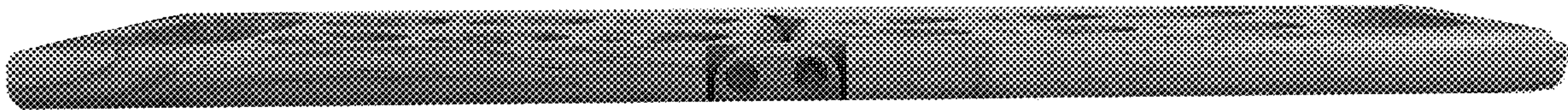


FIG. 3

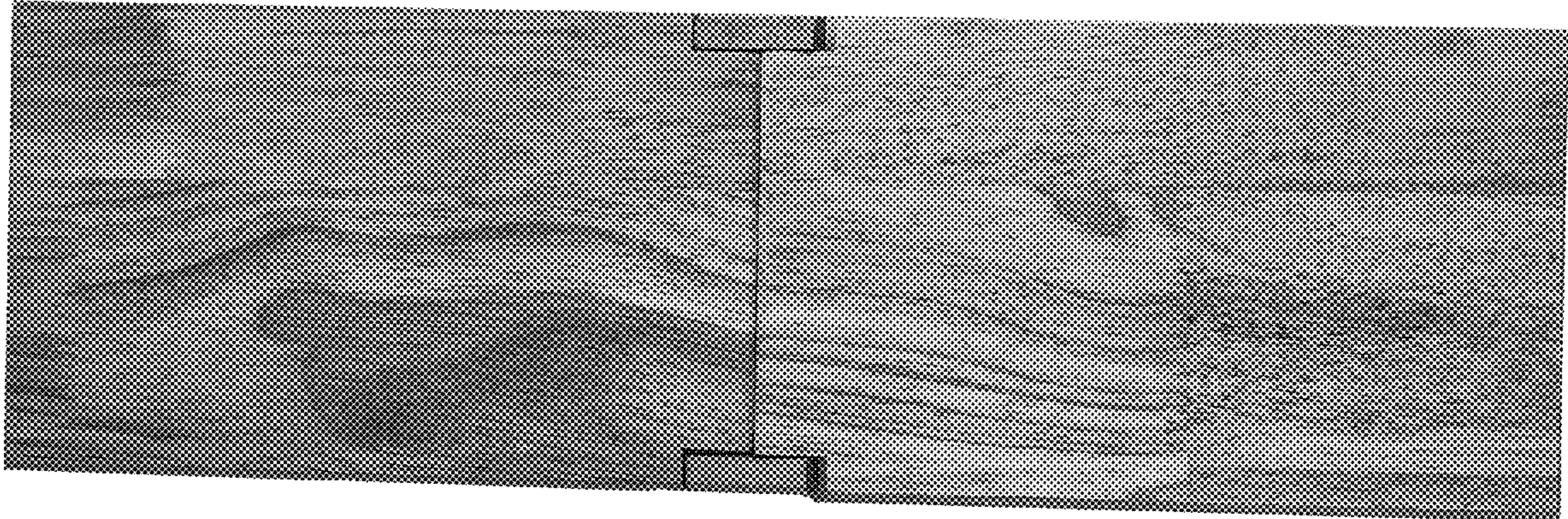


FIG. 4

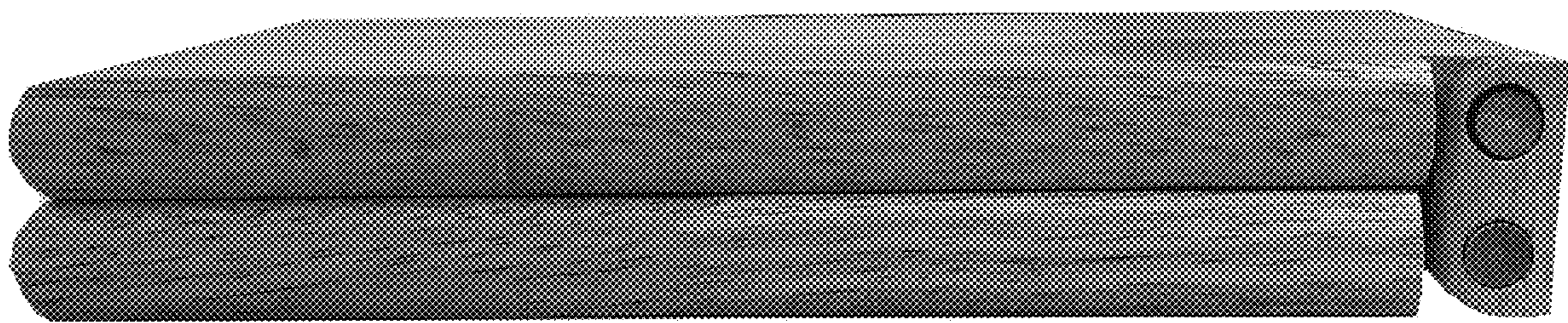


FIG 5

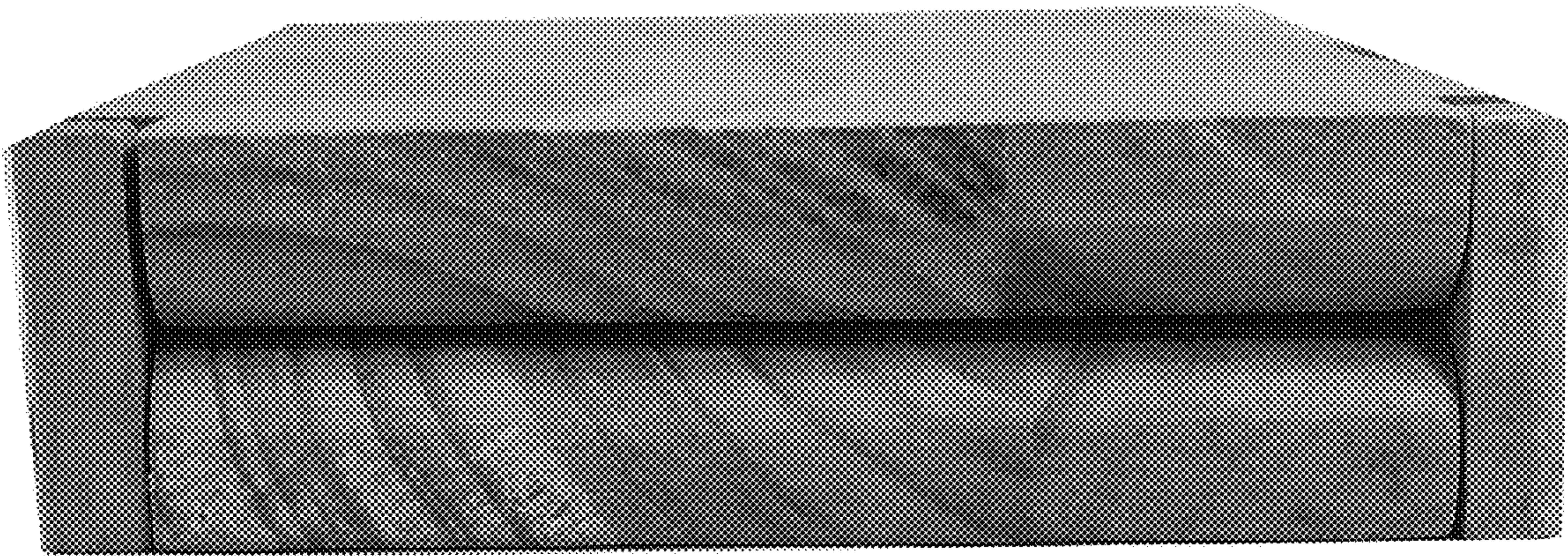




FIG 6

