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

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- (54) **AIR CLEANER FILTER**
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- (73) Assignee: **Hamilton Beach/Proctor-Silex, Inc.**,  
Glen Allen, VA (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/122,710**
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- (51) **LOC (7) Cl.** ..... **23-04**
- (52) **U.S. Cl.** ..... **D23/365**
- (58) **Field of Search** ..... 55/529; D23/365,  
D23/364

- 5,611,967 3/1997 Jane et al. .
- 5,735,918 4/1998 Barradas .
- 5,783,117 7/1998 Byassee et al. .
- 5,792,230 8/1998 Moore et al. .
- 5,800,583 9/1998 Pippel et al. .
- 5,800,741 9/1998 Glenn et al. .
- 5,837,207 11/1998 Summers .
- 5,879,435 3/1999 Satyapal et al. .
- 5,925,320 7/1999 Jones .
- 5,945,038 8/1999 Anderson .
- 5,948,355 9/1999 Fujishima et al. .
- 5,997,619 12/1999 Knuth et al. .
- 6,017,375 1/2000 Duell et al. .
- 6,036,757 3/2000 Gatchell et al. .

\* cited by examiner

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Hauer & Feld, L.L.P.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 345,010 3/1994 Aronsson et al. .
- 2,638,644 5/1953 Rauhut .
- 4,118,191 10/1978 Bohnnensieker .
- 4,210,429 7/1980 Golstein .
- 4,214,146 7/1980 Schimanski .
- 4,477,272 \* 10/1984 Hollis et al. .... D23/365
- 4,666,638 5/1987 Baker et al. .
- 4,737,173 4/1988 Kudirka et al. .
- 4,839,014 6/1989 Park et al. .
- 4,849,862 7/1989 Diskin et al. .
- 4,917,862 4/1990 Kraw et al. .
- 5,014,338 5/1991 Glucksman .
- 5,111,529 5/1992 Glucksman .
- 5,139,546 8/1992 Novobilski .
- 5,210,818 5/1993 Wang .
- 5,240,478 8/1993 Messina .
- 5,250,232 10/1993 Pepper et al. .
- 5,266,004 11/1993 Tsumurai et al. .
- 5,330,722 7/1994 Pick et al. .
- 5,378,254 1/1995 Maly et al. .
- 5,407,469 4/1995 Sun .
- 5,547,615 8/1996 Jane et al. .
- 5,601,636 2/1997 Glucksman .

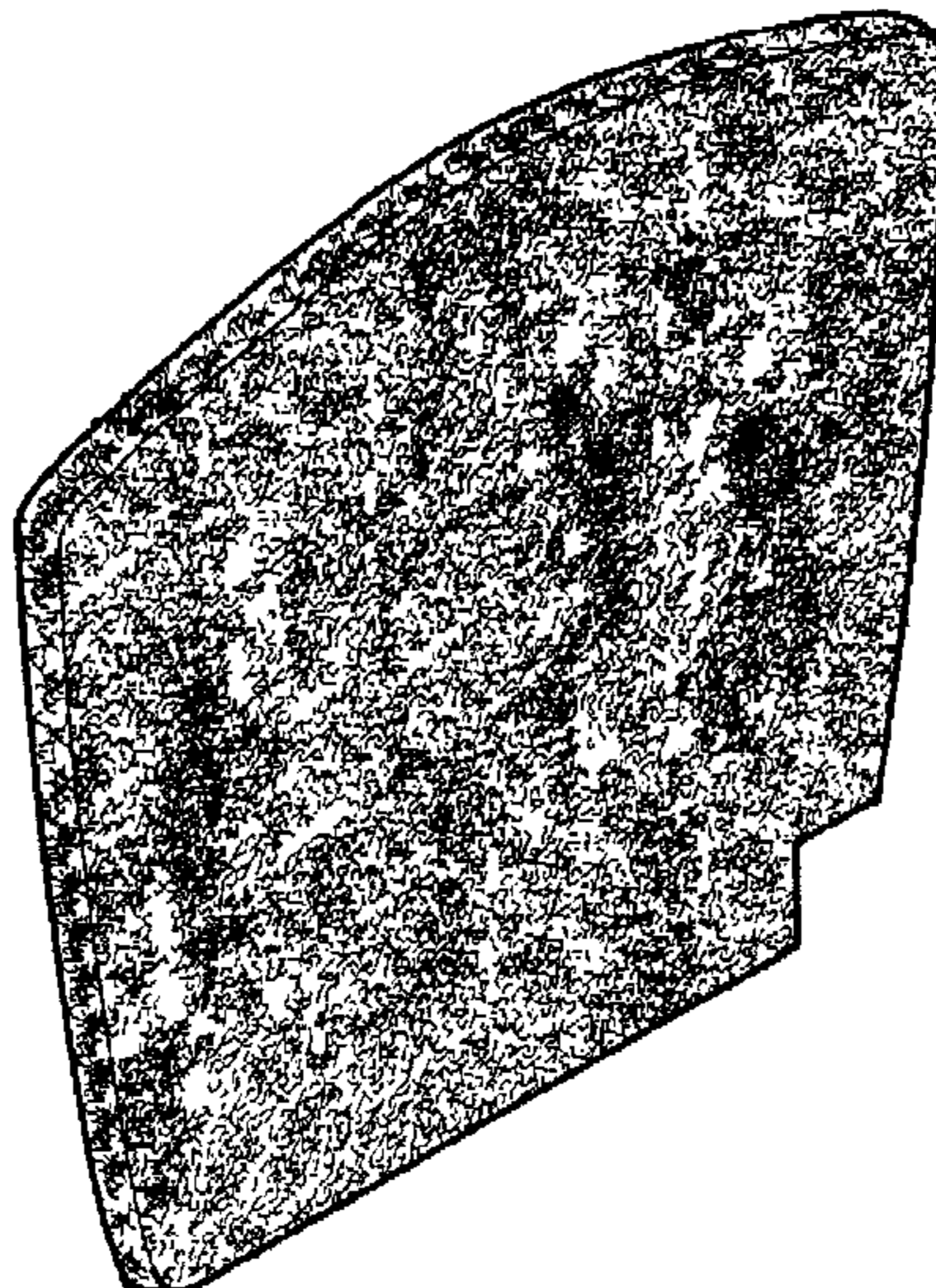
(57) **CLAIM**

The ornamental design for an air cleaner filter, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the air cleaner filter.  
 FIG. 2 is a front view of the air cleaner filter shown in FIG. 1.  
 FIG. 3 is a rear view of the air cleaner filter shown in FIG. 1.  
 FIG. 4 is a left side view of the air cleaner filter of FIG. 1.  
 FIG. 5 is a right side view of the air cleaner filter shown in FIG. 1.  
 FIG. 6 is a top plan view of the air cleaner filter shown in FIG. 1; and,  
 FIG. 7 is a bottom plan view of the air cleaner filter shown in FIG. 1.  
 The pattern which is fragmentarily shown in FIGS. 4-7 is understood to extend uniformly throughout the area represented.

**1 Claim, 4 Drawing Sheets**



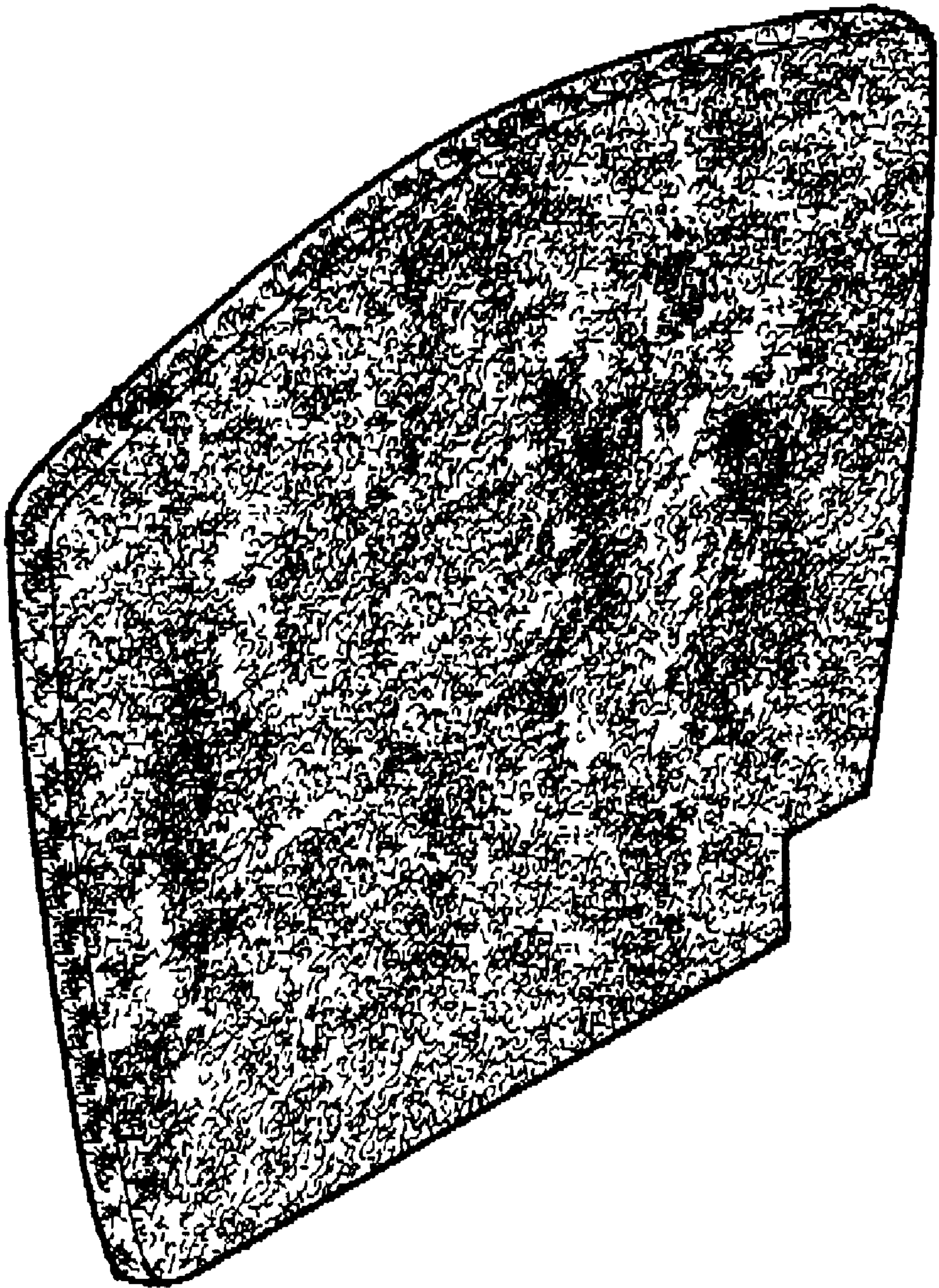


Fig. 1

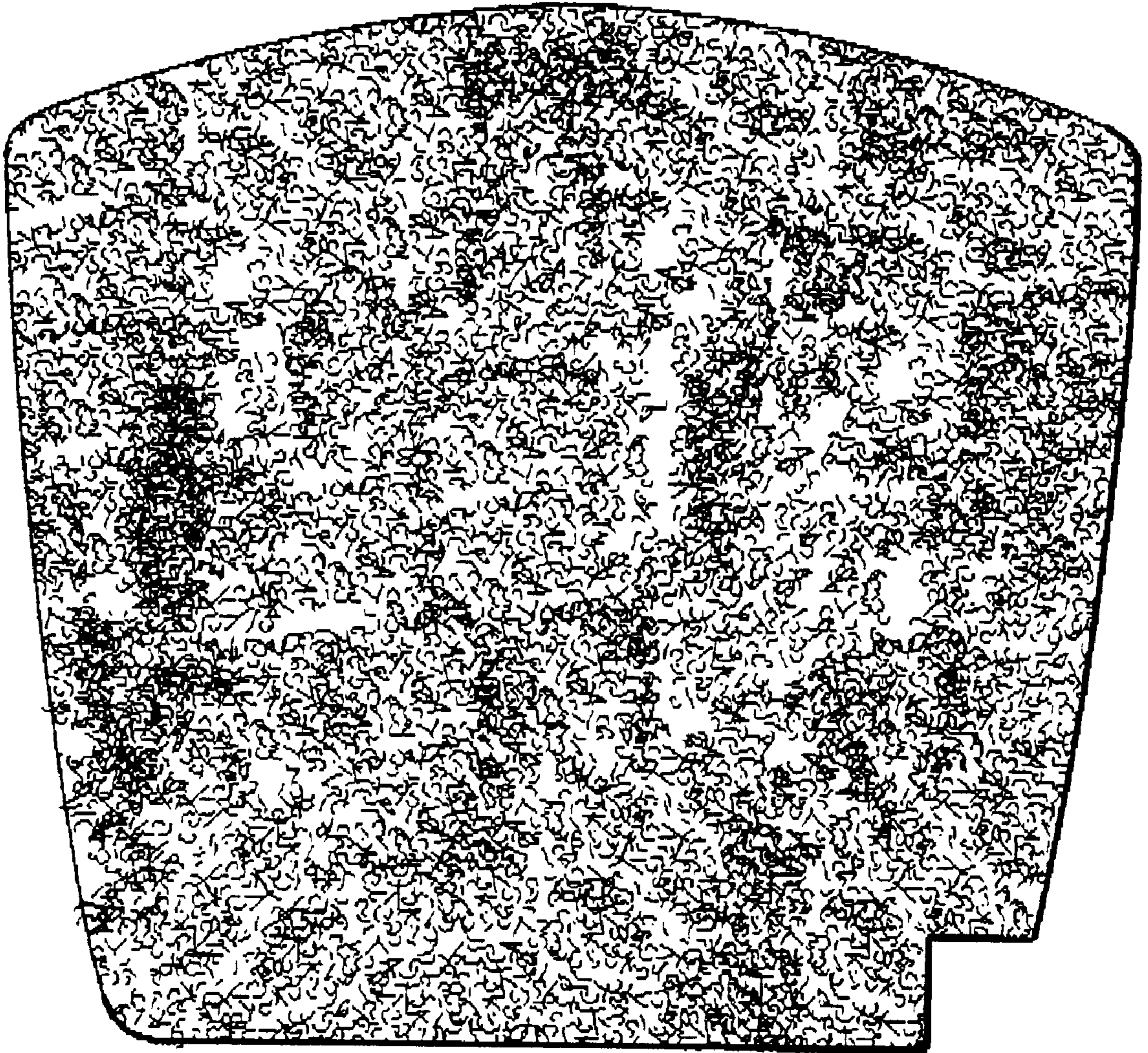


Fig. 2

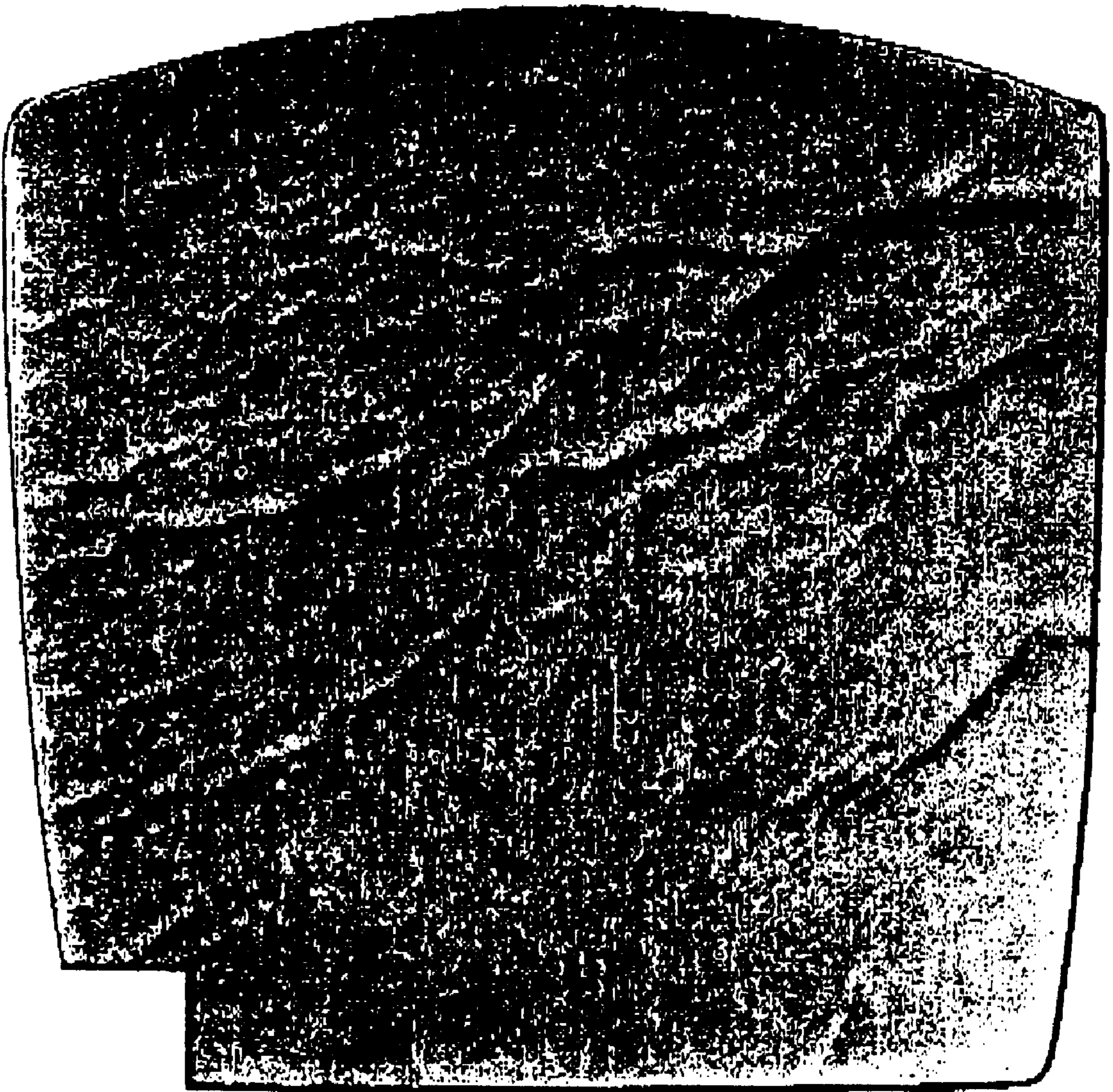


Fig. 3



Fig. 4

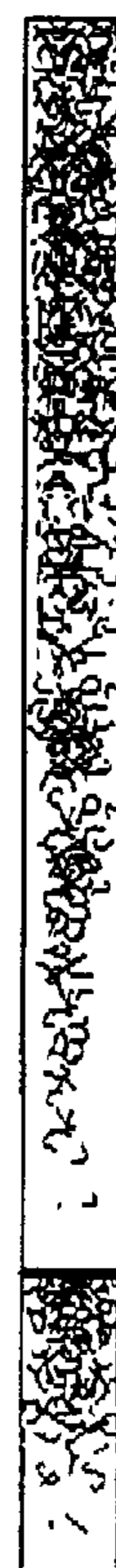


Fig. 5



Fig. 6



Fig. 7