

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl. <sup>7</sup>  
H01L 21/66

(11)  
(43)

2002 - 0004313  
2002 01 16

(21) 10 - 2000 - 0038067  
(22) 2000 07 04

(71) 48 - 84 309

(72) 2 470 - 28

(74) :

(54)

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.2 가 . 2

6

1 ;

2a 3b 'A', 'W', 'E' , 'F' 1 ;

4a 5b 'A', 'W', 'E' , 'F' 2 ;

6 ;

7 6 .

\* \*

10: 15:

20: 30: CCD

35: 40:

45: 2 50:

55: 60:

65: 70: X LED

75: Y LED80:

(Optical Character Recognition)

(packaging process)

(marking process)

(marking inspection process)

(Pattern Matching)

, 1993 6 13 William R. Grant 5,226,361, "

(INTEGRATED CIRCUIT MARKING AND INSPECTION SYSTEM)"

'361

(high speed vision system)

16060 (1998.05.25), "

'060

가

(image capture means);

2

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(image processing means);

(data processing means);

(control means)

1 , 1  
(illuminating means)

2

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2

1

1

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2

1

2

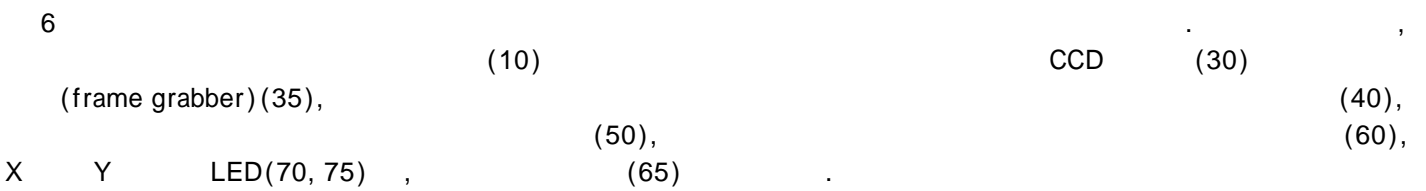
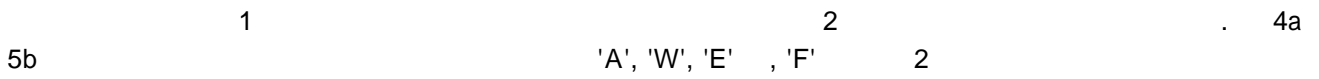
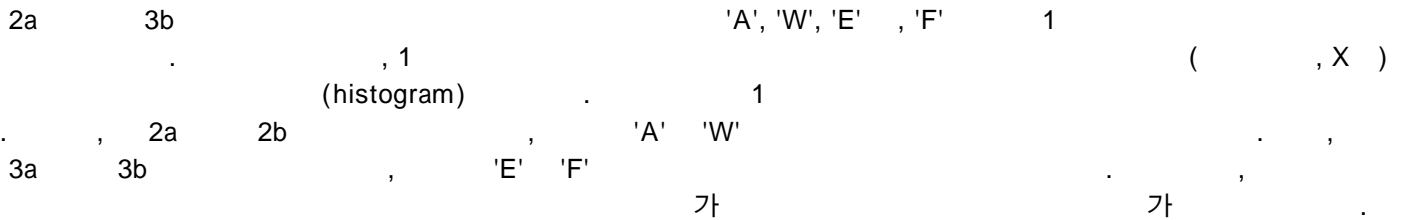
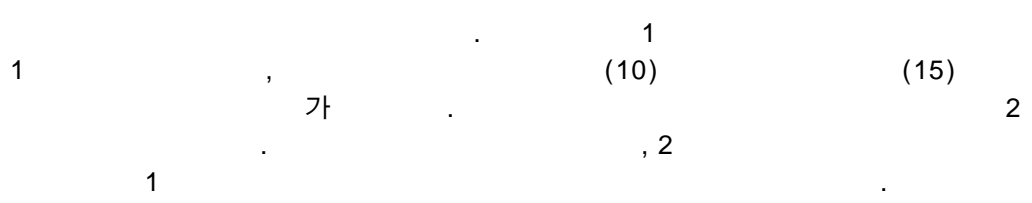
가

( )

(Optical Character Recognition)

2

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(20) (10) (10) (20) , 2 (80) (80)

(30) CCD(Charge Coupled Device) (60) (10) CCD (zoom microscope) (30) 760\*574 CCD (35)

(35) 760\*574 (35) CCD (30) (60) (40)

X Y LED(70, 75) (10) X

, X Y 2

(40) (35) 2

(45) . 2 (45) (40) 2

(50) (40) (60) (40) 2

7 6 7 (40)

S10 (35) S11 S12

S13 2

S14 2 가

2 S15 2

(50) S16 S17

(55) (50) (40) (50) 가

(50) 가

(40) , (60)  
(80) , (80)  
(20)

(50)

(60)

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가 가 , 2  
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가 .

(57)

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2

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1 , 1

3.

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4.

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1

1

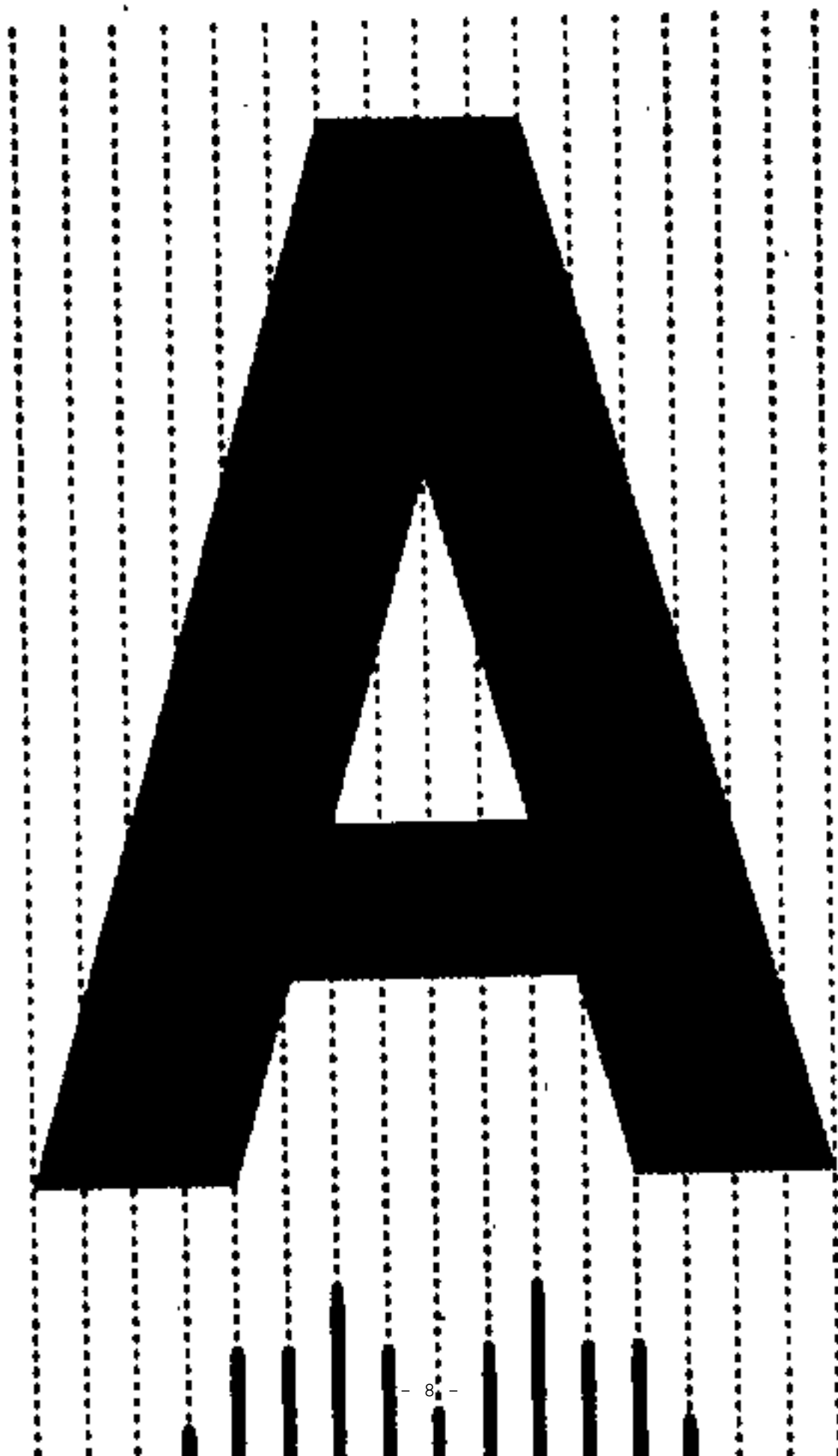
1

2

2

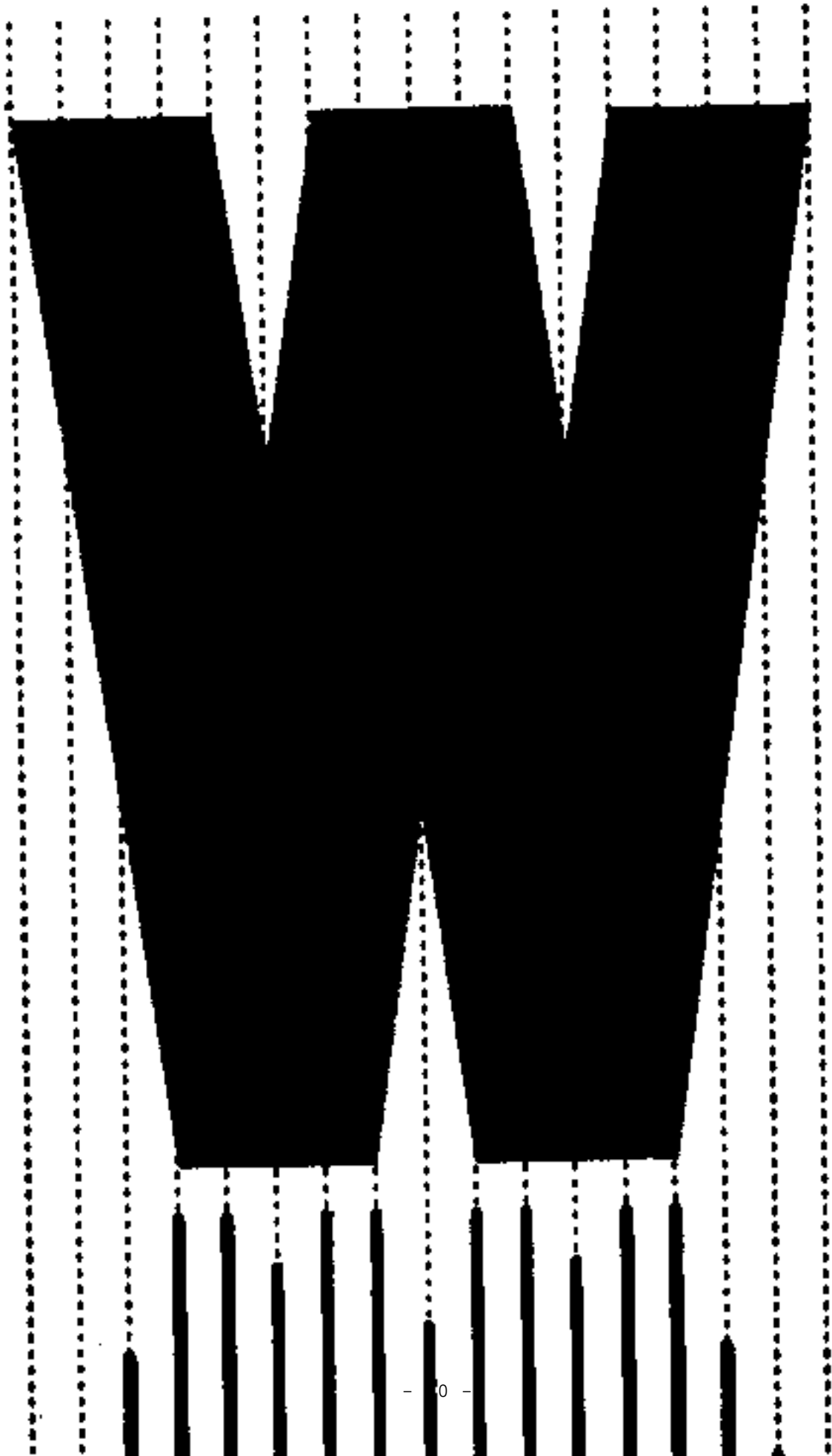


2a



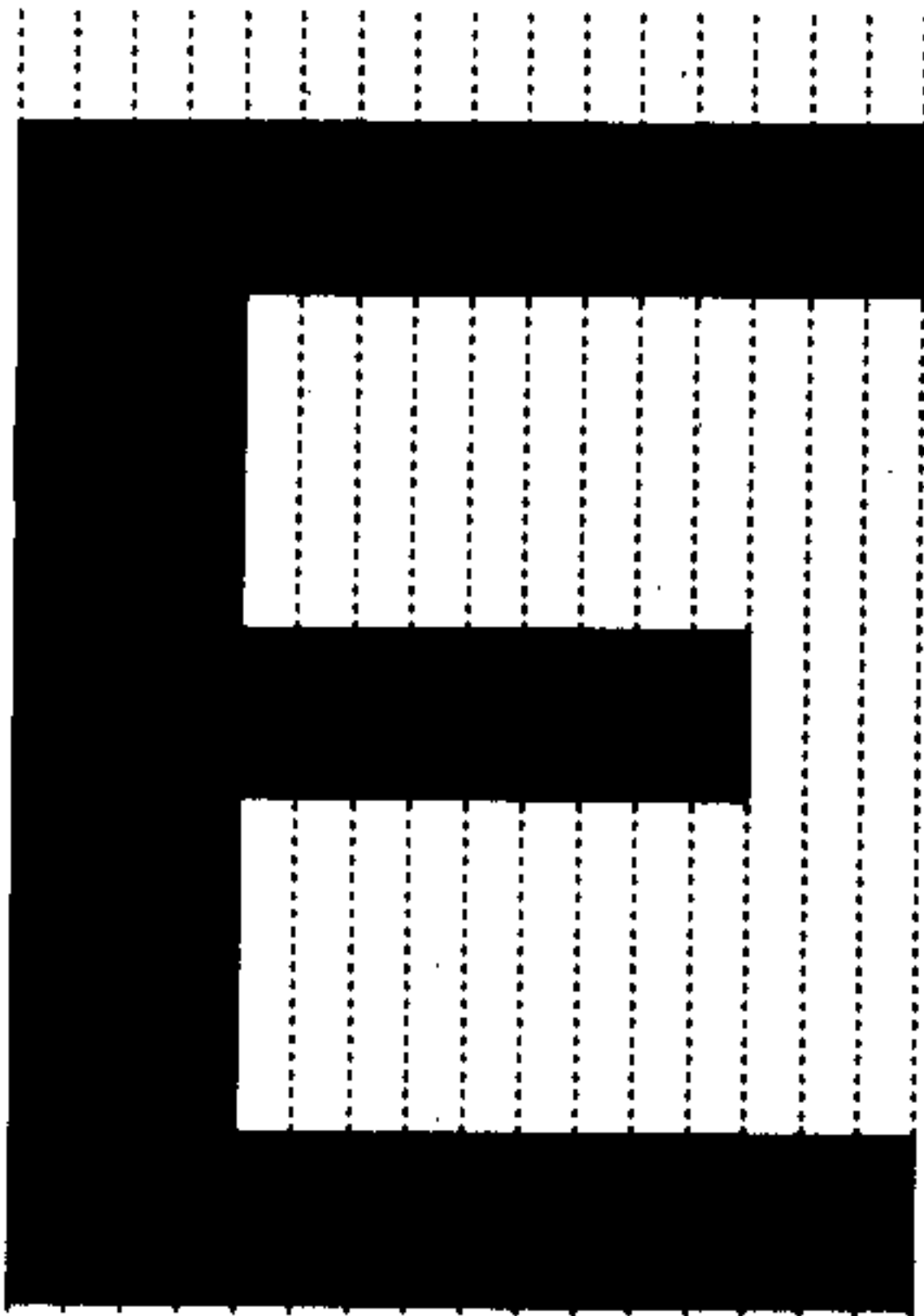


2b



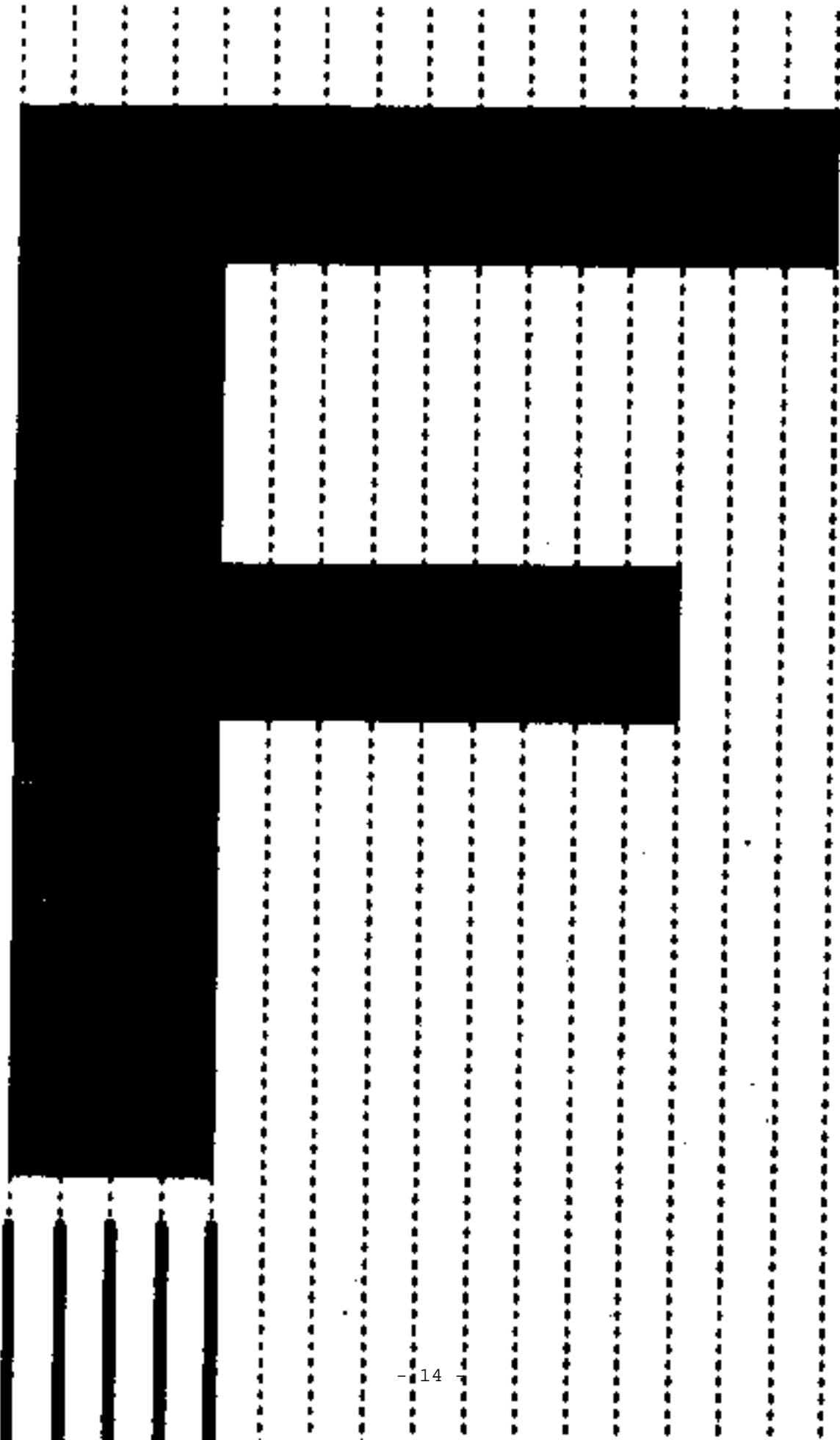


3a

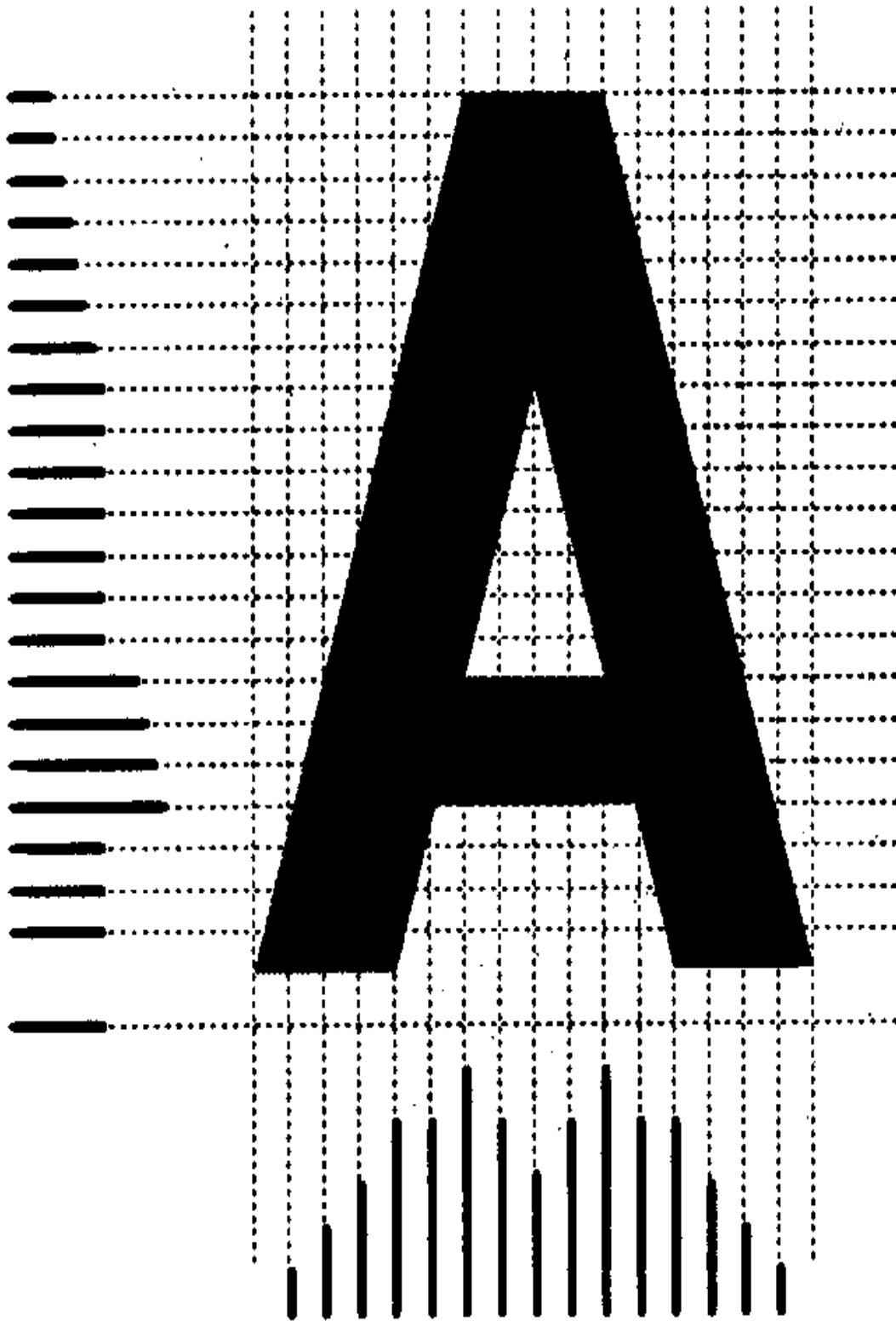




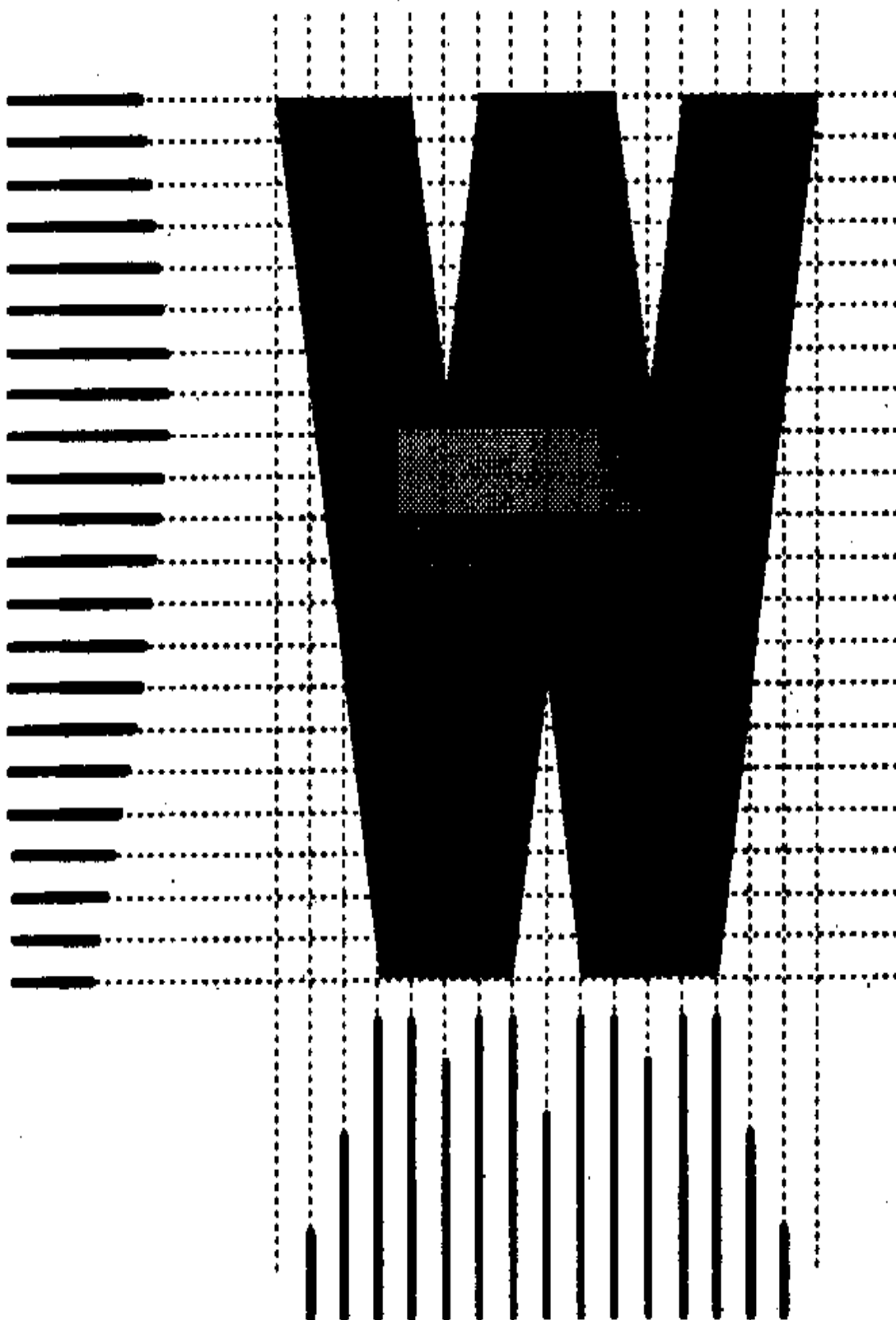
3b



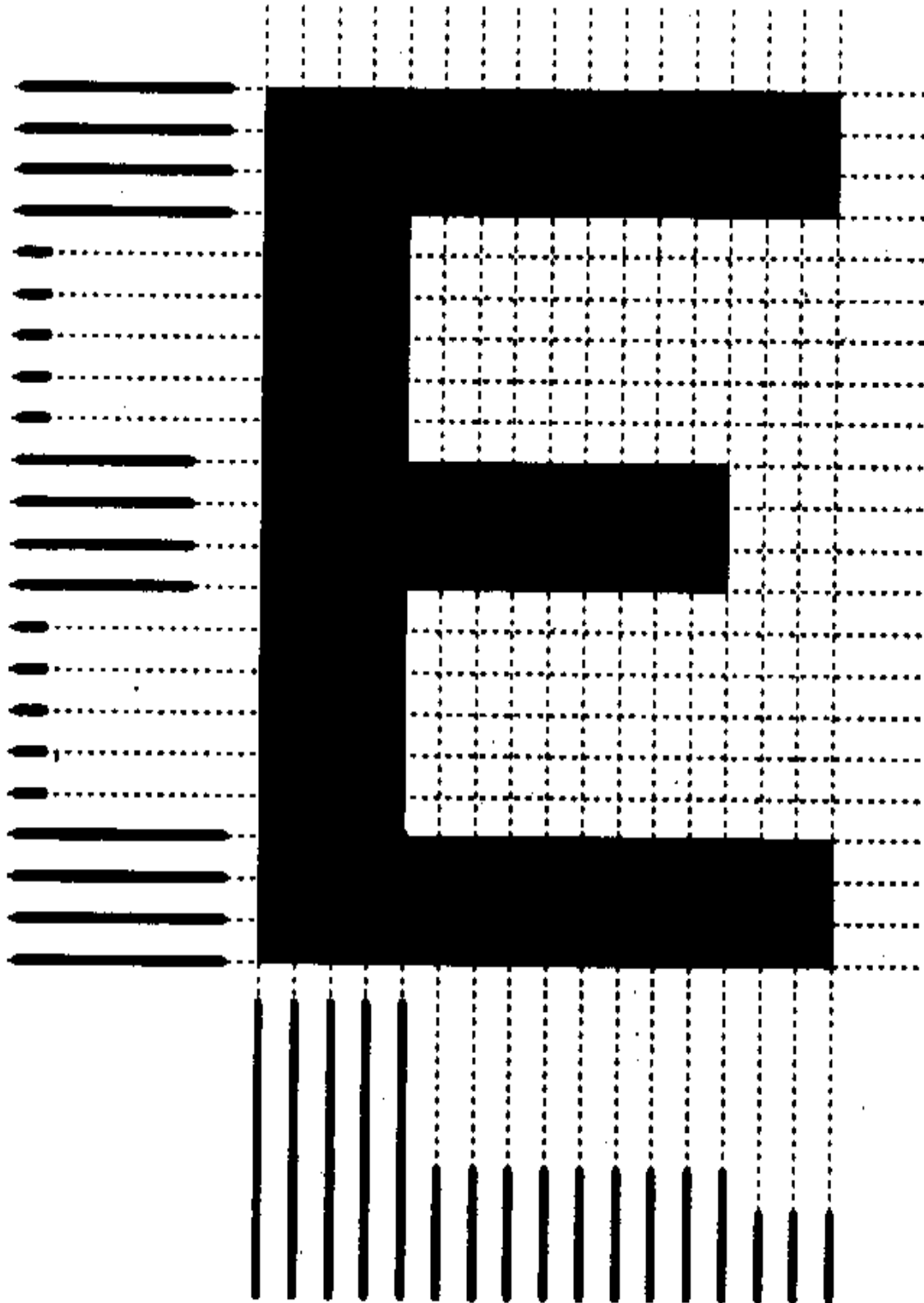
4a



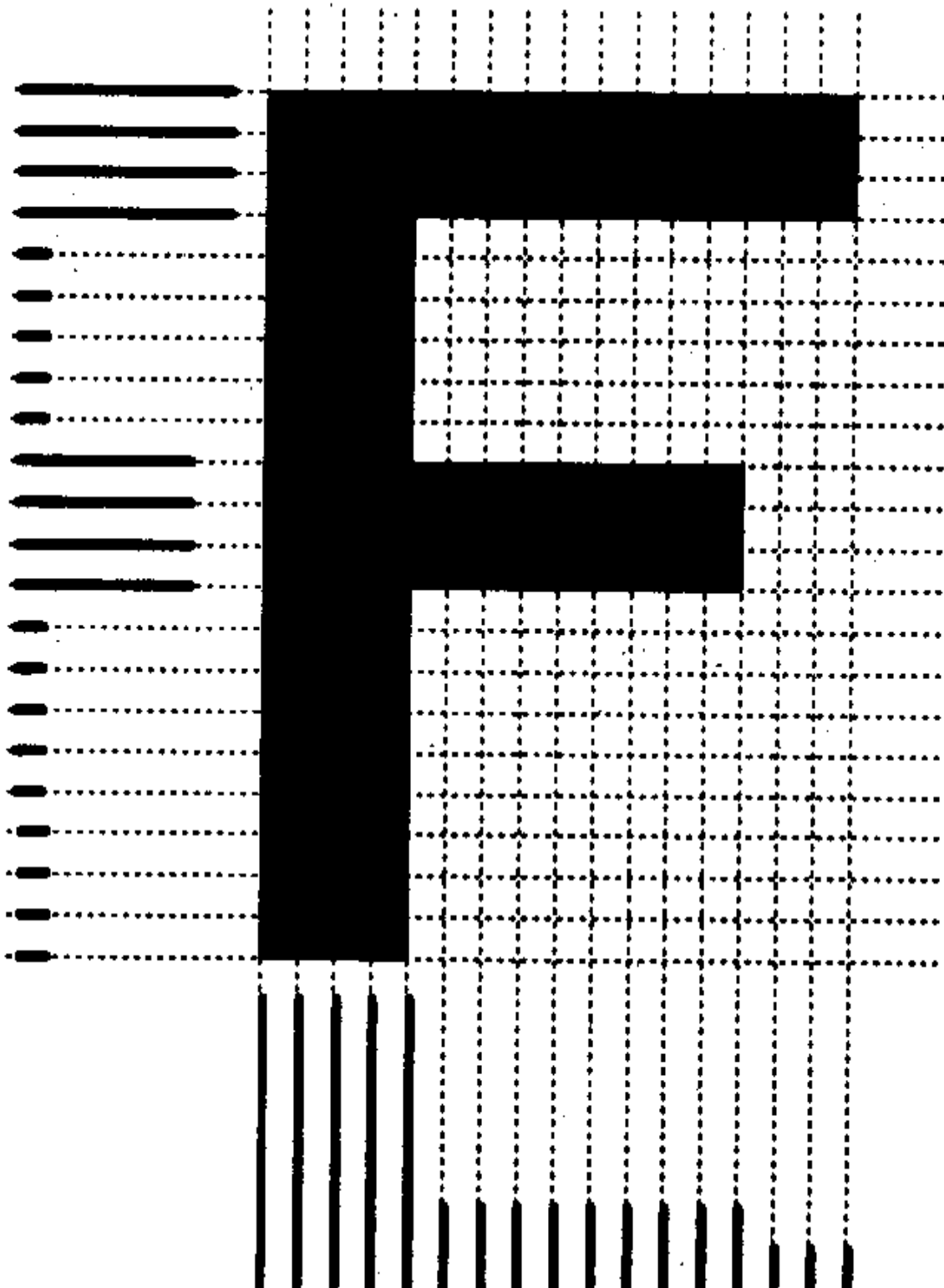
4b



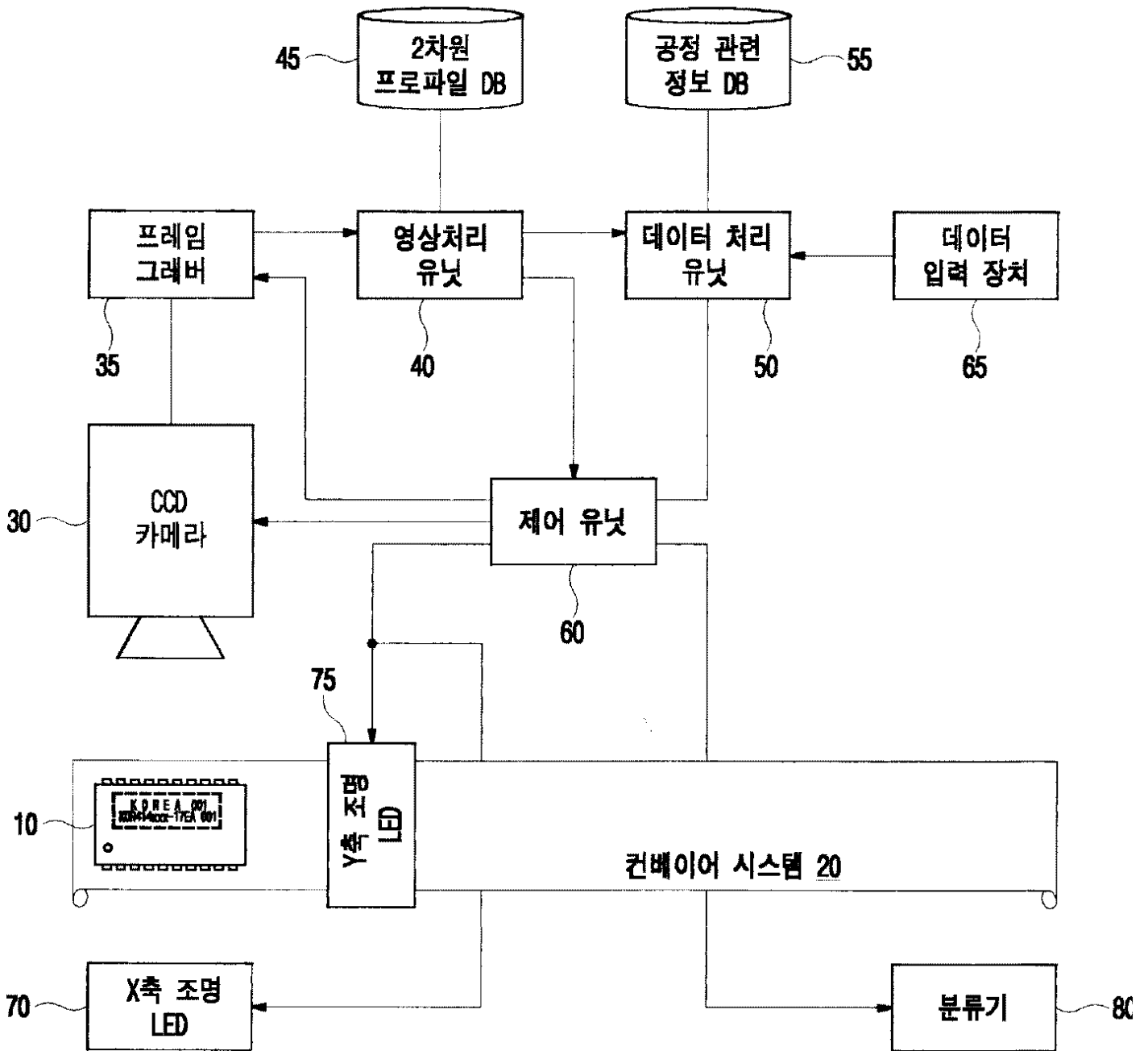
5a



5b



6



7

