

- 1. (20) -

#### 4.5 (tying machine)

1)

(tying)

(beam)

(dropper)

.

a)

.

( )

b)

(knotex) (tying machine) , , ,

, , , , .

1 400 (knot) .

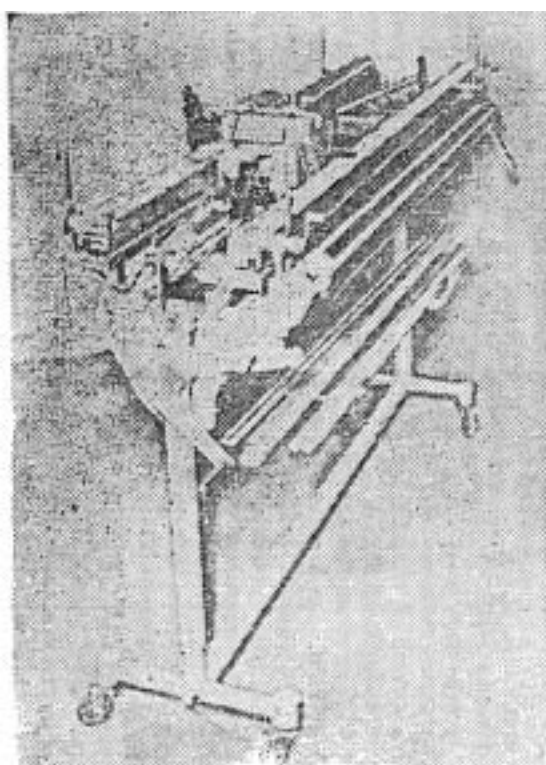
.< 4-31>

(tying machine) < 4-32>

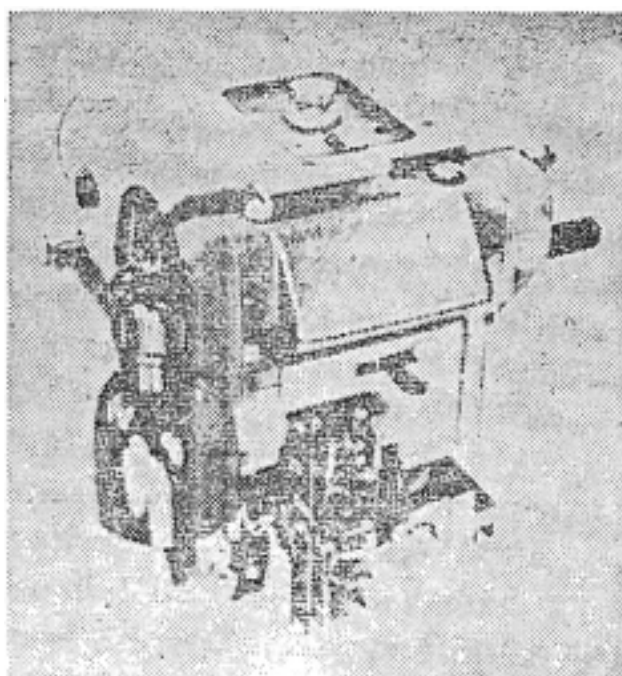
(tying frame) < 4-33>

(warp beam frame) < 4-34>

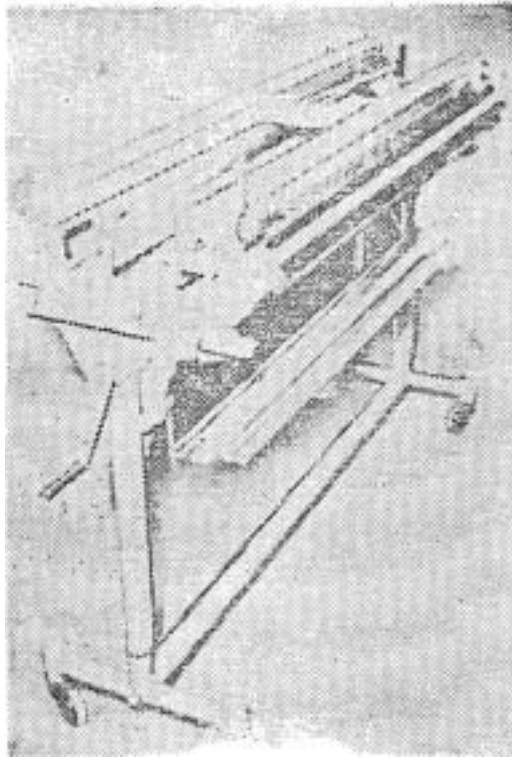
.



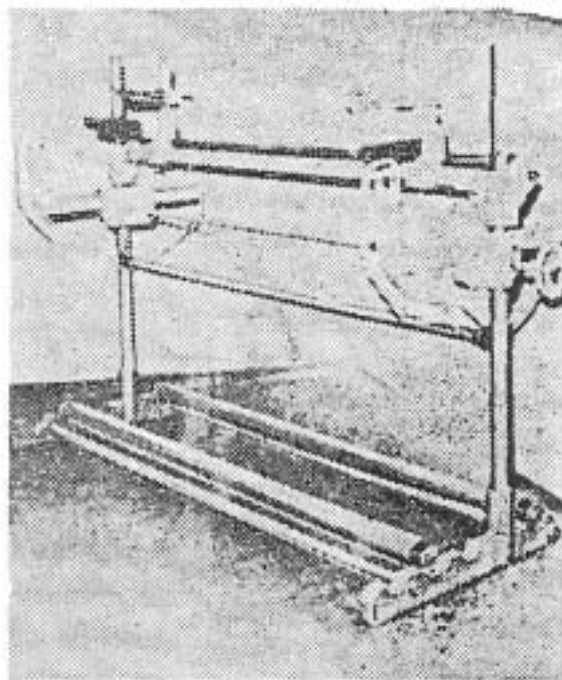
< 4-31>



< 4-32>



< 4-33>



< 4-34>

39/2 " ~ 158 "

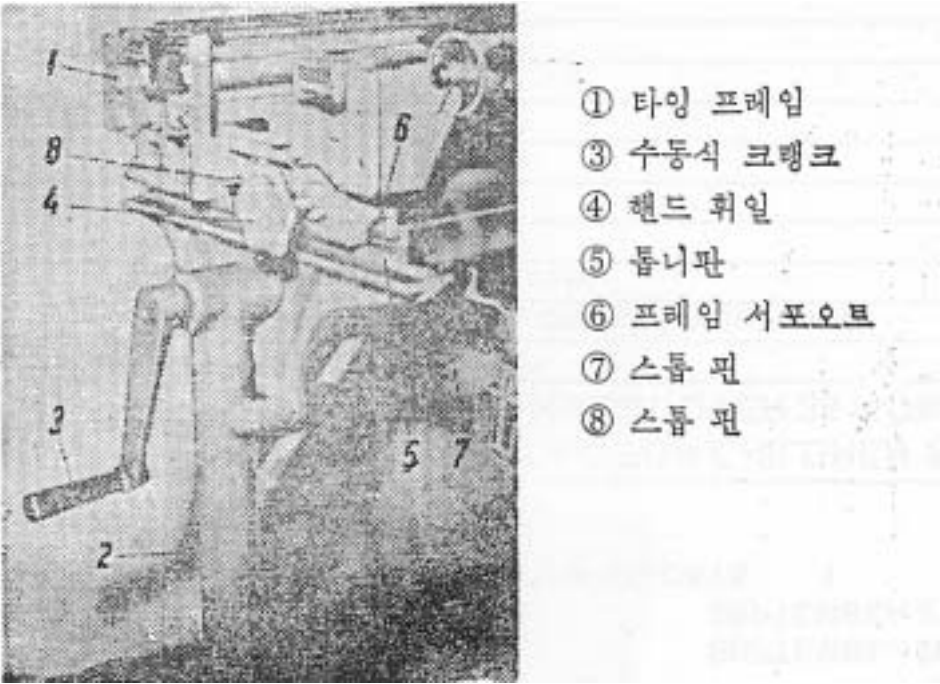
(hand crank) (hand wheel)

가 < 4-35>. (frame)

(tooth-racks) 가 (frame supports)

(frame supports) (stop pin)

(stop pin) (tooth-racks) 가



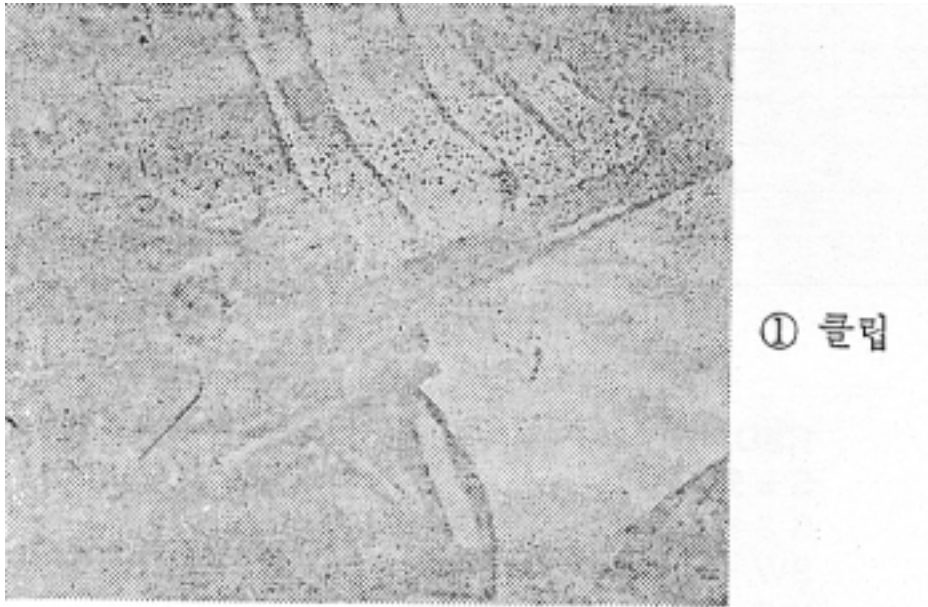
< 4-35>

2)

a)

( ) 2 1/2~3ft .

(clip) . < 4-36>



< 4-36>

(comb tube)

가

(clamp)

(clamp channel)

(brush roller)

가

90

< 4-37>

(clamp channel)

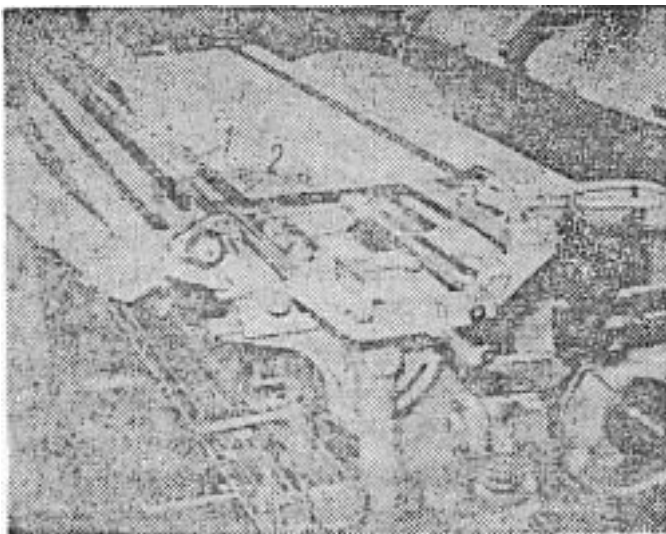
(steel brush)

< 4-38>



- ① 브러시 로울러
- ② 코움 튜우브
- ③ 클램프
- ④ 코움

< 4-37>



- ① 클램프 채널
- ② 브러시 로울러

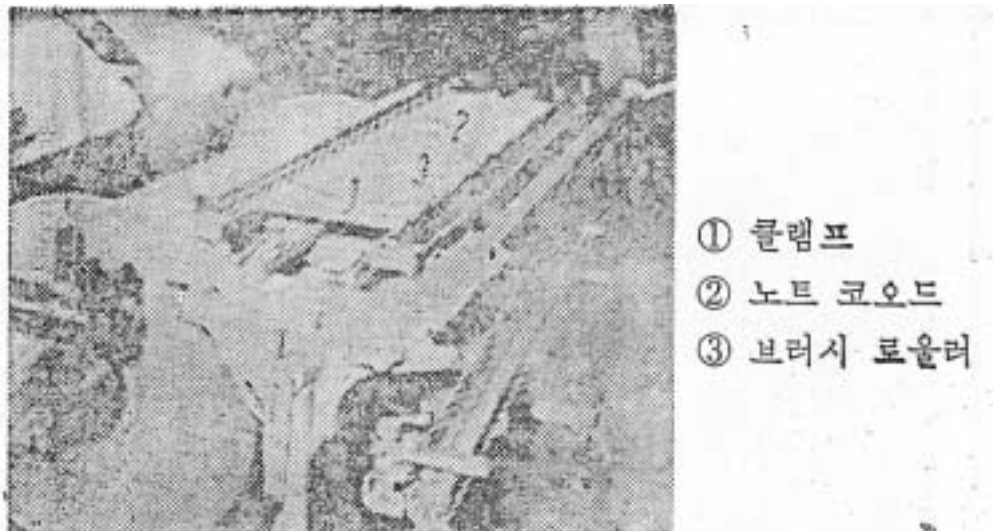
< 4-38>

(knot cord)

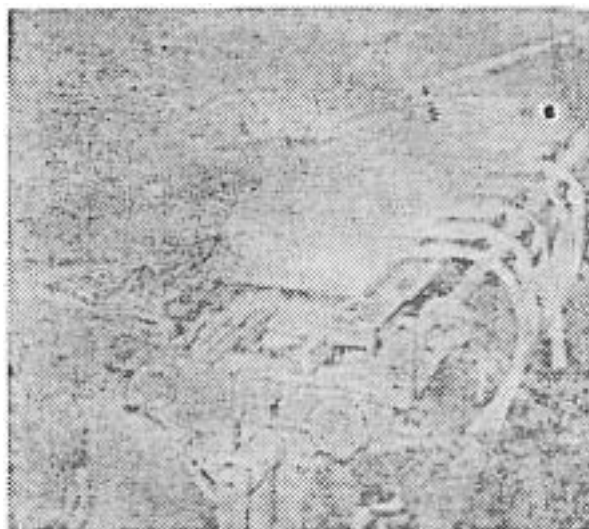
(brush roller)

. < 4-39>

. < 4-40>



< 4-39>

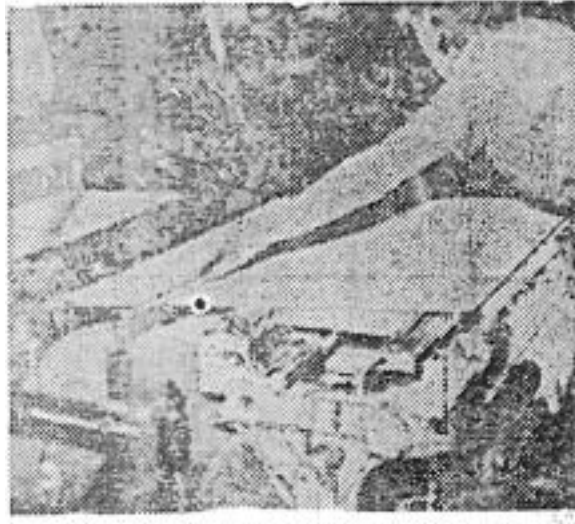


< 4-40>

(dropper)

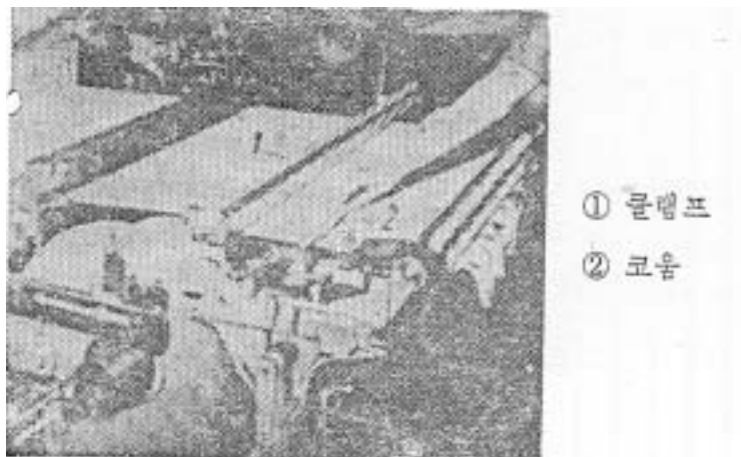
가

가 . < 4-41>



< 4-41>

. < 4-42>



< 4-42>



(spreader)

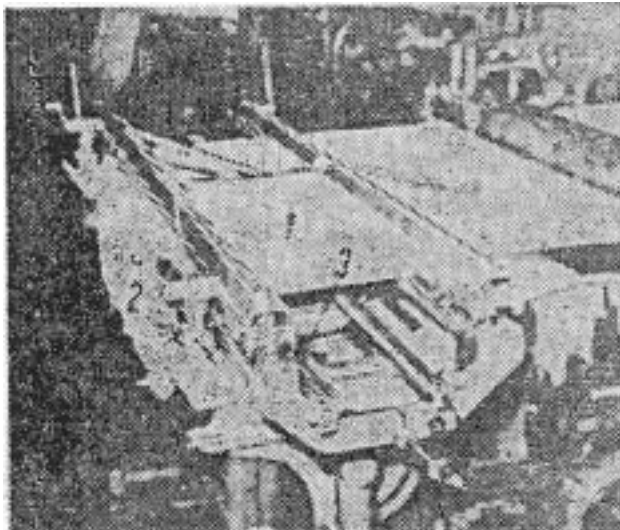
3

(crank) 가 가

(crank)

(arresting pin) (carriage)가 가 . <

4-43>



- ① 스프레더 (spreader)
- ② 크랭크 (crank)
- ③ 어레스팅 핀 (arresting pin)

< 4-43>

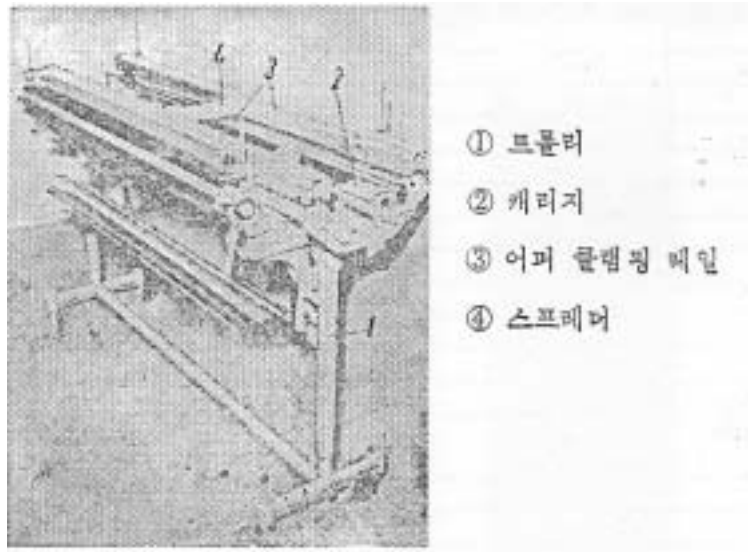
b)

(tying frame)

(trolley) , (carriage) , (upper

clamping rail) 63 " (spreader)

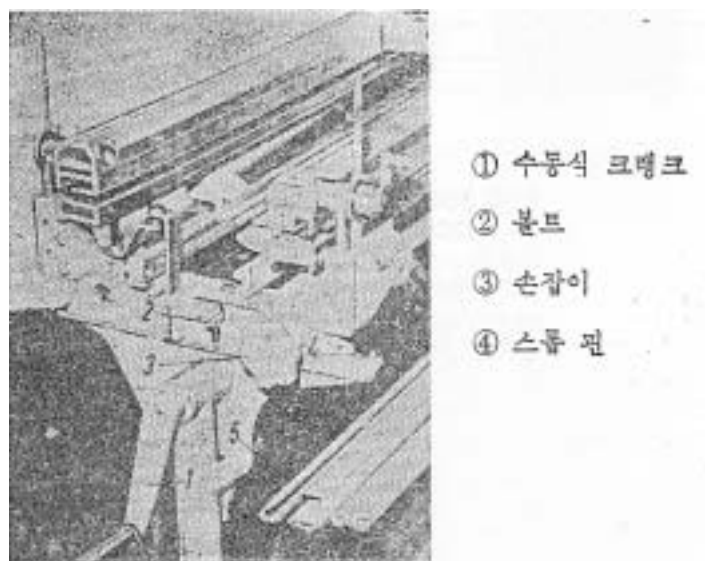
.< 4-44>



< 4-44>

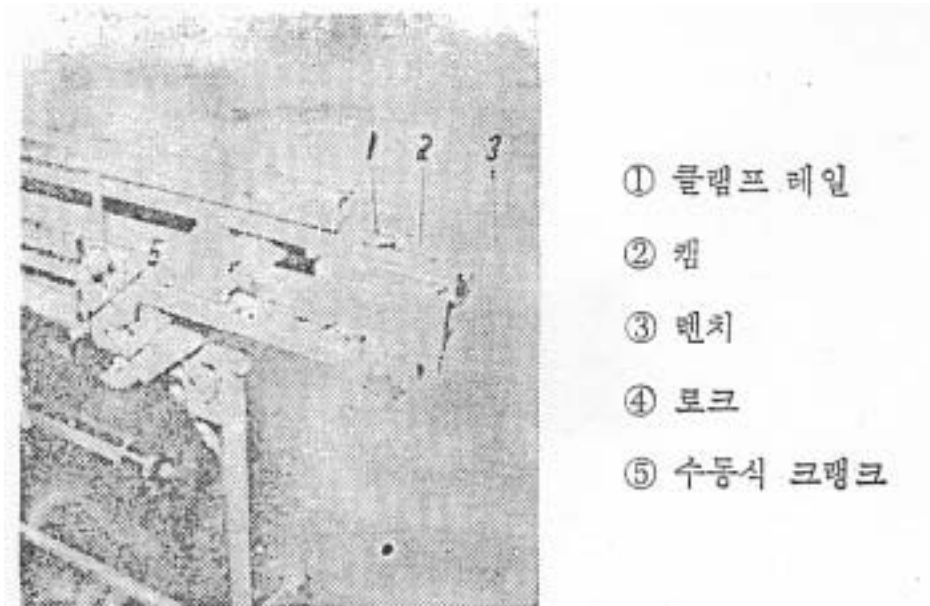
(bole)

. < 4-45>

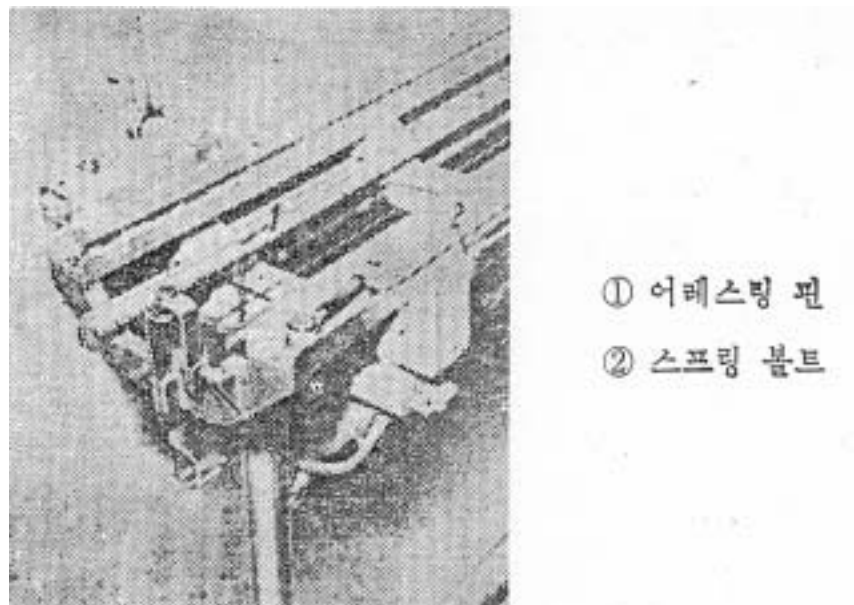


< 4-45>

(wrench)



< 4-46 >



< 4-47 >

(lock)

.  
.

.( 가 ).

.< 4-46>

.

가 가

가

.

.< 4-47>

c)

220V AC DC

.

.

(knob)

. 2

(slide)

(gear box)

.

( )

.

(carbon brush)

(unscrew cap)

.

4m/m(2lines)

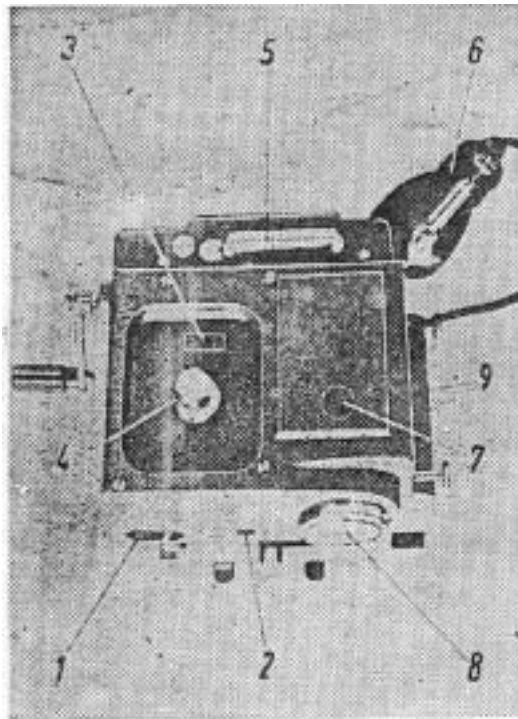
.

(collector)

.

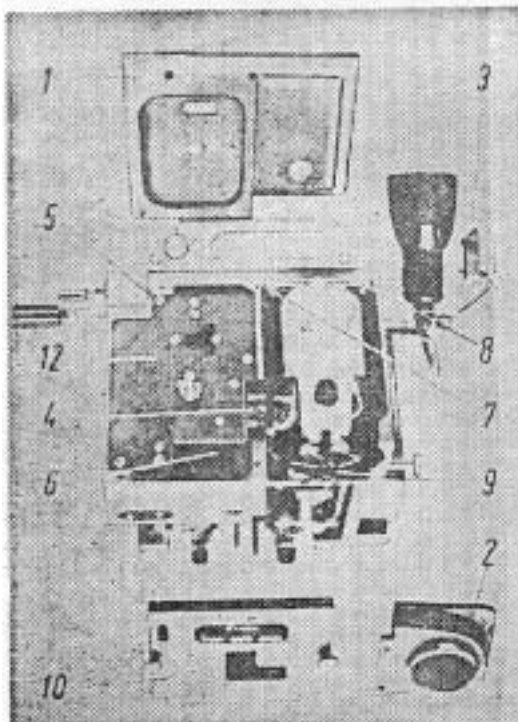
가 가 .< 4-48>

.< 4-49>



- ① 플러그
- ② 스크류
- ③ 스위치
- ④ 놉
- ⑤ 슬라이드
- ⑥ 램프
- ⑦ 나사구멍 덮개
- ⑧ 어퍼 컵(upper cup)
- ⑨ 커버

< 4-48 >



- ① 모우터 커버
- ② 블로우어 커버
- ③ 커버
- ④ 컨택트 스크류
- ⑤ 스톱 스크류
- ⑥ 소켓
- ⑦ 스크류
- ⑧ 커넥션 플레이트
- ⑨ 블로우어 휠

< 4-49 >

(knob) . < 4-48 4>

. < 4-49 1>

(blower cover) . < 4-49 2>

. < 4-49 3>

(contact screw) . < 4-49 4>

(stop screw) < 4-49 5>

. < 4-49 6>

(speed regulator) . < 4-49 2>

(connection plate) < 4-49 8>

(blower wheel) .

< 4-49 9>

(motor) 가

.

. (upper cup ; 4-48 8)

(inner sive) .