

(Roving)

5. (building motion)

3가 .

1 가

.

1 가

(pitch) 가 .

1 가

(double cone) .

.

6. (differential motion compound)

. (train wheel)

.

.

< 6> A G 2 B, C

B, C B가 1 C 1 B

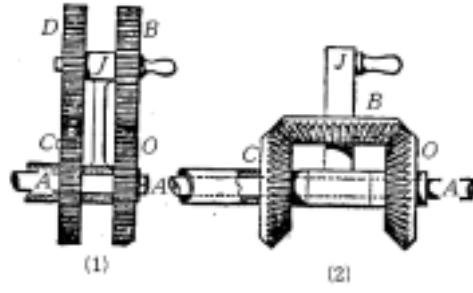
J A

B

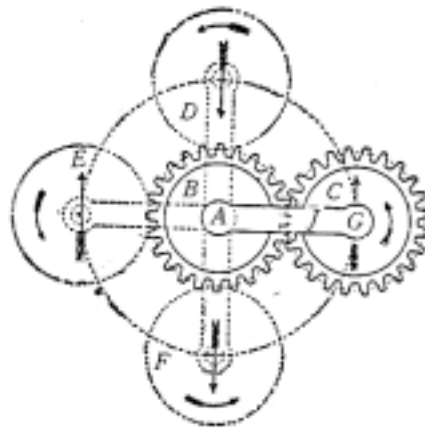
J가 1

C D, E, F,

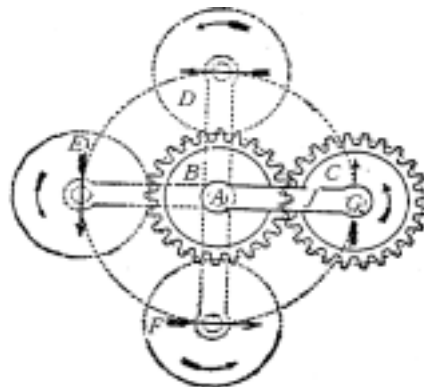
2



< 5 >



< 6 >



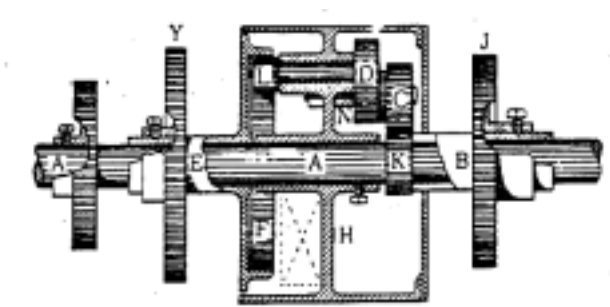
< 7 >

Houldsworth motion

Brooks & Doxey's motion

가.

가 , < 8> .



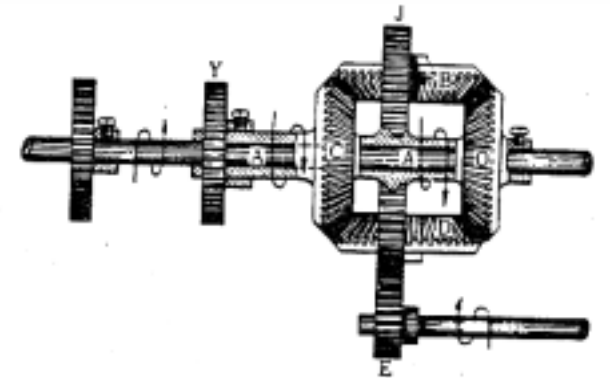
< 8>

.

, (sun & planet)

(sun wheel) < 9>

.



< 9>

7. (swing motion)

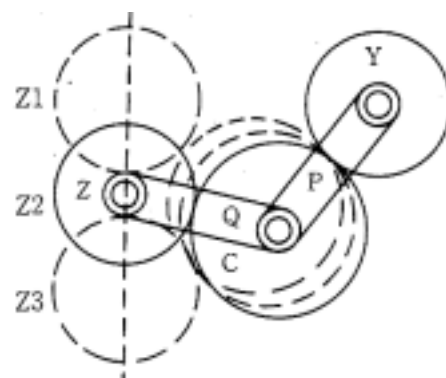
가

가 .

가. 3

< 10> 1 (Z)

가 (Z)



< 10> 3

가

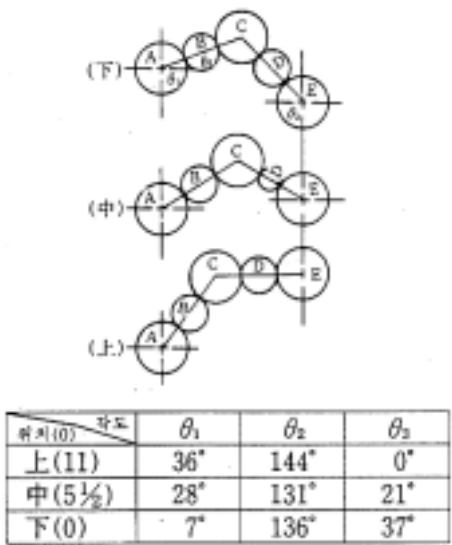
가 .

가 .

/in가 .

.5 < 11>

5 가



< 11> 5

가 가

가

- 가
- ,
-

. (chain)

3 ,

.

.

8. (stop motion)

가.

가

가

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가

가

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가

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가

가

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가 (hank meter)

가 (knocking off motion)