

**MOVABLE BODY DRIVE METHOD AND APPARATUS,
EXPOSURE METHOD AND APPARATUS, PATTERN FORMATION
METHOD AND APPARATUS, AND DEVICE MANUFACTURING METHOD**

ABSTRACT

Encoder heads (64, 65, 66 and the like) and Z heads (74, 76
and the like) are installed in order to measure the position
5 of a stage (WST) that moves within a predetermined plane.
Measurement beams emitted from these heads are irradiated to
scales (39X₁, 39X₂, 39Y₁, 39Y₂) arranged on the upper surface
of the stage (WST). During the idling, for example, the stage
(WST) continues to be moved by driving and rotating the stage
10 around the stop position of the stage serving as the center,
or the stage is withdrawn to an area to which the measurement
beams are not irradiated.

Fig. 12