(2) Inch Areas

<Paper Stack Lifting>

- When the Paper Descent Key (UN5/6) is pressed*1 after the drawer has been slid into the copier, it energizes the Lift-Up Motor (M13/14) and the motor starts turning forward.
- The rotation of the motor is transmitted via a gear train to the worm gear and the Paper Lifting Arm mounted on the same shaft, raising the Paper Lifting Plate. This raises the paper stack.
- When the top of the paper stack is pressed against the Paper Take-Up Roll and the paper stack is further raised, the light blocking plate of the Paper Take-Up Roll Assy blocks the Lift-Up Sensor (PC65/66). This deenergizes the Lift-Up Motor and the paper stack raising motion is completed.
- As the paper is consumed and the top level of the paper stack lowers, the Lift-Up Sensor is unblocked. Then, the Lift-Up Motor is energized again to raise the paper stack until the Lift-Up Sensor is blocked again. This means that a constant pressure is maintained between the paper and the Paper Take-Up Roll regardless of the amount of paper still available for use.

*1: The Lift-Up Motor is energized at the following timings, in addition to the press of the Paper Descent Key (UN5/6).

- Turning ON the Power Switch
- Opening and closing the door
- Operating the panel
- Detecting a sheet of paper on the Multi Bypass Table
- Detecting an original in the Duplexing Document Feeder
- Raising and lowering the Original Cover, etc.

