13-5. Paper Separating Mechanism

Each drawer has Fingers that function to separate the top sheet of paper from the rest of the paper stack at paper take-up. The Fingers are fitted to the right front and rear corners of the drawer. When the Paper Take-Up Rolls start turning to take up the top sheet of paper, their turning force is directly transmitted to the top sheet of paper as it is in direct contact with the Paper Take-Up Rolls. That force overcomes the block of the Fingers, causing the top sheet of paper to ride over the Fingers and be fed out of the drawer into the copier.
As to the second sheet of paper, the paper transport force obtained through friction with the top sheet of paper is weak and does not allow the second sheet of paper to ride over the block of the Fingers. Hence, the second sheet of paper remains stationary with the rest of the paper stack in the drawer.

When there are two sheets of paper left in the drawer, the bottom sheet can be fed with the top one if the friction of the Paper Lifting Plate is weak. The Friction Plate affixed to the Paper Lifting Plate prevents this from happening.

