

CLAIMS

1. A massaging mechanism having a grabbing arm provided at its one side with a grabbing massager piece and a first arm provided at its tip with a first massager piece, for producing massaging action by actuating said grabbing arm and said first arm by a rotation driving force of a rotary shaft,
said massaging mechanism being designed to actuate said grabbing arm so that said grabbing massager piece moves close to and away from the first massager piece,
an eccentric boss portion, mounted eccentrically with respect to the rotary shaft, having a cam face formed on its outer peripheral surface;
an annular fit portion attached to said grabbing arm so as to engage with the cam face of said eccentric boss portion; and
a restraint section for restraining said grabbing arm from rotating together with said rotary shaft in response to a rotation of the rotary shaft,
wherein said restraint section includes a restraint pin attached to the other side of said grabbing arm, and a restraint slot located in face-to-face relation to said restraint pin, in which the restraint pin is slidably fitted, and
wherein said grabbing arm has two projections arranged so as to extend radially outwardly with respect to its base end rotatably coupled to said rotary shaft, one of the two projections is fitted at its tip with the grabbing massager piece, and the other projection is formed at its tip with a restraint pin;
wherein said restraint section includes a restraint slot formed in the other side of said grabbing arm, and a restraint pin, disposed in face-to-face relation to said restraint slot, which fits in the restraint slot for free sliding movement;
wherein said first arm is provided at its tip with the first massager piece, and, the rotary shaft is disposed so as to pass through an intermediate part or a base end of the first arm,
and wherein said first arm is driven to rock in the horizontal direction under a driving force exerted by said rotary shaft.