Bill of Material

2 - 6" wheels with 1/2" axle holes
1 - 1/2" conduit 42" long for handle
1 - 1/2" conduit 30" long for front leg
2 - 1/2" conduit 18" long for braces
1 - 1/2" round rod 18" long for axle
1 - 1/8" x 1" x 49 1/2" flat for basket support
2 - 1/2" washers for wheel spacers
2 - 1/16" cotter keys
1 - chair leg grip
1 - bicycle grip
1 - bushel basket
1 - liner for bushel basket

Construction Procedure

1. Cut 1/2" x 18" round rod and drill each end to receive cotter keys.
2. Bend the 1/2" x 42" conduit and weld to axle. Square handle and axle before welding.
3. Shape the 1/8" x 1" x 49 1/2" basket support by bending around some object such as a small barrel.
4. Weld the round basket support to the handle and front leg. Position before welding by clamping in position.
5. Flatten one end on both of the 1/2" x 18" conduit braces and weld to front leg. Position the other ends equal distance from the wheels and weld in place.
6. Weld the two 1/2" washers on the axle on the inside of each wheel to space the wheels. Secure wheels with cotter-key.
7. If difficulty is encountered in arc welding the thin conduit it might be best to bronze weld the cart.
8. Clean welds and paint with a rust inhibiting primer. Paint finished project with an enamel paint.
9. Slip on chair leg and bicycle grips and complete by inserting basket with clothes liner.