

NASA TECH BRIEF

Marshall Space Flight Center



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Tool Carrier

A tool carrier developed for use in the space program could be inexpensively manufactured for use by workmen or homeowners who require a tool carrier or fixed tool holder. This tool carrier utilizes specially designed flexible "fingers" meshed together (similar to two hair-brushes) in containers to restrain the tools and parts. Two sets of the carriers may be worn on the waist, or one set may be thigh-mounted. The waist and thigh belts are constructed from Velcro pile and are attached to the backs of the tool carriers by Velcro hook. Thus, the tools may be worn anywhere on the waist that makes attachment or removal convenient and simple. Each assembly consists of three hinged cases that may be adjusted to fit to the waist or thigh.



The innovative feature of the tool carrier lies in the use of the "fingers" to hold the tools in place. These "fingers" allow easy placement of the tool in the case and yet retain the tool securely. The individual using the carrier does not have to place the tool in a predetermined slot, look at the tool while retrieving or replacing it, or work from any type of tether arrangement. Tools may be inserted into the cases from the top or the bottom. Sockets and larger tools such as hammers and crescent wrenches can be hung on the spring clips located on the front side of the cases. The basic technique may be used for the retention of many devices.

Notes:

1. Information concerning this innovation may be of interest to telephone repair personnel and those engaged in electrical work.
2. Requests for further information may be directed to:
Technology Utilization Officer
Marshall Space Flight Center
Code A&PS-TU
Marshall Space Flight Center, Alabama 35812
Reference: B72-10319

Patent status:

Title to this invention has been waived under the provisions of the National Aeronautics and Space Act [42 U.S.C. 2457 (f)] to the Martin Marietta Corp., Denver, Colorado 80201.

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