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# ABLEDATA Database of Assistive Technology

## Informed Consumer Guide to Assistive Technology for People with Spinal Cord Injuries

April 1996

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### Introduction

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Technology plays an important role in every aspect of daily life. To get from one place to another, most people use automobiles or public transportation. Mothers with small children use baby carriages or strollers to assist them in carrying their children around the mall. Televisions are equipped with remote controls for ease of operation, and electric can openers and garage door openers are convenience tools that have become commonplace in our society. All of these devices have one thing in common: they are used to assist us in accomplishing everyday activities.

Technology plays an even more significant role in the life of someone with a severe disability such as a spinal cord injury (SCI). SCI can have a major effect on virtually all aspects of one's life. Products and devices designed to increase an individual's level of function and independence can be instrumental in providing a person with SCI the highest possible level of function after injury.

The physical effects of SCI are varied. Depending upon the level and severity of injury, it can affect the ability to walk or to use one's arms and hands, to drive, and to control physical functions such as bowel and bladder control or to have sexual relations. A number of excellent publications discussing the effects of SCI are available and are referenced below.

This *Informed Consumer Guide* is designed to provide an introduction to the many types of products and devices people with SCI can use in order to function more independently in their daily activities. People with new injuries may assume that certain activities cannot be performed any longer because of the disability. In many cases, however, devices have been developed to allow people with SCI to do the same things they did before the injury. Adaptive devices have been developed to enable people with SCI to participate in almost every type of sporting or recreational activity. Cars and vans can be modified to enable someone in a wheelchair to drive or be a passenger while remaining in a wheelchair or transferring to a standard car seat.

The first step toward getting the types of products that one needs is to know the right questions to ask, and to know that appropriate products exist. This Guide, therefore, can help

people with SCI arrive at that "first step" toward greater independence and self-sufficiency after a spinal cord injury.

### How To Use This Guide

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This Guide describes the types of products that may be used by people with SCI to maximize their physical capabilities. Detailed information about specific products in each category discussed below can be found in ABLEDATA, a database of information about more than 22,000 products for people with disabilities. ABLEDATA also produces Fact Sheets and Informed Consumer Guides on specific categories of technology. Included are the *Informed Consumer Guide to Wheelchair Selection* and the *Informed Consumer Guide to Accessible Housing*, as well as individual Fact Sheets on *Powered Wheelchairs*, *Manual Wheelchairs*, *Wheelchairs for Children*, *Aquatic Sports*, *Cycling*, and *Adaptive Winter Sports*. Additional information also is included in this Guide about other available resources to describe individual product areas or to accomplish specific tasks.

### Assistive Technology

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#### *Personal Mobility*

One of the major consequences of SCI is its effect upon a person's ability to walk. Some people with SCI are able to walk with the assistance of braces and crutches. Others may need—or choose to use—a manual wheelchair. Still others may require or prefer some sort of powered mobility device, such as a scooter (a three- or four-wheeled cart) or powered wheelchair. Deciding what type of mobility device to use is based upon a number of factors: medical diagnosis; personal lifestyle; cost of the device; and personal preference.

For someone who has recently sustained a spinal cord injury, a functional evaluation by physical therapists and other rehabilitation professionals is an important part of the process for determining the individual's best options. For someone who has had a spinal cord injury for a number of years, the best sources of information on products available often are other consumers who have practical experience with the product(s) being considered.

## Wheelchairs

The majority of people with spinal cord injuries use a wheelchair at some point in their lives as a mode of personal mobility. For some this may mean using a powered wheelchair, while others may find a standard manual chair or a lightweight or sport chair more suitable. Selecting the appropriate wheelchair from the many options available often is an overwhelming task to someone with a new injury. However, there are a number of excellent resources available to assist with this task, and both wheelchair prescribers and current wheelchair users can provide helpful advice on features or products to consider, as well as "problem" products to avoid.



*The Kuschall Classic is a lightweight manual wheelchair for adults.*

*The Power 9000 from Action by Invacare is a powered wheelchair for children and adults. Note the joystick control at the front of the right armrest.*



## Information Resources

*A Guide to Wheelchair Selection: How to Use the ANSI/RESNA Wheelchair Standards to Buy a Wheelchair.* Peter Axelson, Jean Minkel, Denise Chesney. Paralyzed Veterans of America. 202/872-1300. 1994.

*Choosing a Wheelchair System.* Department of Veterans Affairs, 1990. Department of Veterans Affairs, Veterans Health Services and Research Administration, Washington, DC 20420. Clinical Supplement #2, Journal of Rehabilitation Research and Development, March 1990. FREE.

*How to Select and Use Manual Wheelchairs.* A. Bennett Wilson. Accent on Living, P.O. Box 700, Bloomington, IL 61702. 1993. Tel: 800/787-8444.

*Informed Consumer Guide to Wheelchair Selection.* ABLEDATA, Macro International. 800/227-0216. 1994. Contact the office for pricing information.

ABLEDATA Fact Sheets on *Manual Wheelchairs, Powered Wheelchairs, Wheelchairs for Children* (1994) and *Scooters* (1996). ABLEDATA, 8455 Colesville Road, Suite 935, Silver Spring, MD 20910. Contact the office for pricing information.

## Seating Systems

In general, wheelchair users also must use a specialized seating system to ensure adequate support and protection of soft tissues. Selection of an appropriate seating system is of utmost importance to someone with SCI in order to avoid pressure sores, a risk for those unable to change position or who have diminished sensation. The seating system must be selected along with the wheelchair to ensure that the two systems are compatible and provide the best support possible to the user.

Seating systems come in many different styles and formats, depending upon the user's needs and personal preference. The simplest and least expensive systems are foam cushions, generally three- to five-inches thick and covered with fabric. These may be flat foam or contoured to more closely match the shape of the user. Cushions are also available in air, flotation, gel, and water models. The variety of cushions provide different levels of support and require varying levels of maintenance. Also available are hybrid cushions, combining the best characteristics of several types of cushions, such as foam and gel.

Depending upon the nature and extent of the disability caused by SCI, some individuals may require complete seating systems. These types of systems assist those who lack sufficient strength or balance to sit upright or have difficulty maintaining proper positioning. Components may include seats, backs, pelvic and hip supports, and or leg and foot supports.



*The Jay GS Cushion with Pressure Relief Pad uses pockets filled with fluid to aid in positioning and to relieve pressure.*

As with other kinds of assistive technology, first-time decisions should be made in consultation with therapists and other rehabilitation professionals to be certain that the system selected best meets the needs of the user.

## Crutches

Some people with spinal cord injuries are able to walk with the aid of braces and crutches. Two basic styles of crutches are available, depending upon an individual's level of injury and degree of mobility. Traditional under-arm crutches are preferred by some users, while fore-arm or Canadian-style crutches provide an alternative.

[see illustrations on following page]



under-arm crutch



fore-arm or Canadian-style crutch

### Walkers

Walkers are metal frames designed to provide support and stability while walking. For someone with SCI, walkers often are used in conjunction with braces or crutches to provide stability and support while ambulating. Walkers may be folding or fixed and they may be height-adjustable. They may or may not be equipped with wheels on the front or all four legs. A variety of specialty walkers are available as well, including stair walkers and walkers with seats. Accessories such as platform arm supports and carrying aids help adapt walkers to more fully provide the user with independence.



### Driving and Transportation

Transportation often plays a key role in determining whether or not an individual will be able to work, go to school, or participate in recreational activities. For people who are able to drive, specialized products are available to operate an automobile or van with hand controls. Special access options, such as lifts or ramps for vans and wheelchair tie-down systems to stabilize wheelchairs inside a moving vehicle also are available. The following categories of automotive adaptive equipment and other transportation-related devices, selected from the ABLEDATA Thesaurus, are available.

### Driving Controls

People with limited or no use of their lower limbs use hand controls to accelerate, brake, and shift gears. These controls may be mounted on the steering column or they may be comprised of a ring system on the steering wheel, allowing the driver to keep both hands on the wheel. Hand controls are available from a number of different companies and meet a variety of user needs. Many hand controls are designed not to interfere with operation of the vehicle by drivers who are not disabled.

### Automobile Accessories

An assortment of accessory items, including wheelchair and

transfer lifts, handles to assist in transfers from a wheelchair to car, car door openers, and swivel seats are available to drivers and passengers with disabilities.

### Van Accessories

In addition to the standard accessory items available for automobiles, specialty accessories are also available. Raised van tops, tie-down systems, and transfer bars designed specifically for vans can be purchased to make driving or riding in a van safer and more comfortable for someone with SCI.

### Van Lifts and Ramps

Full-sized and mini-vans can be fitted with a variety of ramps and lifts. Lifts may be attached to the side door or to the rear door, and some newer models are designed to require less space and/or to leave part of the door free to accommodate passengers who are not in wheelchairs.

Some wheelchair users find ramps a preferred method of access. A variety of ramp systems are available including two-track and wider one-piece models. These ramps may be permanently installed such that they fold up or slide under the van floor; or they may be portable to allow for use with more than one vehicle.

Raised ceilings or lowered floors often are used in conjunction with a lift or ramp to equip a van to accommodate a person in a wheelchair.

### Information Resource

"Van Lifts: The Ups and Downs and Ins and Outs." A. Perr and K. Barnicle. *TeamRehab Report* (Vol. 4, No. 4, June 1993), pp. 49-53.

Presents information on how to select an appropriate wheelchair lift for a van, noting that safety and function are the two top priorities when choosing the best type of lift. Other factors include cost, ability to use the lift, size of the user, wheelchair size, locations where the lift will be used, and how else the van will be used.

### Wheelchair Carriers and Loaders

Specialized wheelchair carriers can be attached to the outside of a car or van to carry wheelchairs from one location to another. Some carriers are combined with loaders, lifting and storing the chair on the car's bumper. Other loaders enable wheelchair to be lifted into a car trunk or onto a roof rack.

### Making Your Home Accessible

Many people discover that their homes are not fully accessible to them after they have sustained a spinal cord injury. Doorways may be too narrow to accommodate a wheelchair; hallways may not provide sufficient turning room; bedrooms may be located up a flight of stairs. It may seem that the only option is to sell the home and move to one that is wheelchair accessible, and for some this may be a preferred option. In some cases, however, it may be possible to make renovations to an existing home, enabling one to remain there indefinitely. Some homes may simply require the installation of as-

sistive devices such as special door hinges, elevating and lowering cabinets, electronic faucets, and a stair lift to make the home more accessible and "user friendly" to someone in a wheelchair.



*The Bruno Electra-Ride II is a battery-powered stair lift with a seat that can adjust to the needs of individual users and may be retracted when the lift is not in use.*

### Information Resources

*Informed Consumer Guide to Accessible Housing*. ABLE-DATA, 1995. Contact the office for pricing information.

Home Modification Resource Guide. NARIC, 1994. FREE.

Special Section: Home Improvements, *Paraplegia News*, November 1994. Vol 48, No.11, pp. 27 - 32.

## Managing Your Environment

A spinal cord injury that causes quadriplegia can limit a person's ability to use arms or hands for such everyday tasks as picking up a telephone, typing, writing, or operating electrical entertainment equipment such as a television or VCR. There are a number of devices available, however, that can assist one with these tasks. Both products designed for the general public—such as speaker phones or universal remote controls—and assistive devices designed especially for people with limited hand and arm function are available. Included are specialized telephones, assistive writing and typing devices, computers, safety and security systems, and environmental controls. Many of these systems are voice-activated, eliminating the need to use one's hands. Additional alternative input modes are also available.

### Staying in Shape

Sports and recreation are important both as leisure activities and as ways to stay in shape mentally and physically. Some activities can be done without any adaptations or special equipment. Others require specialized equipment or modifications to accommodate wheelchair users, and the range of options open to people with SCI is expanding almost daily. Whether you are interested in fitness, skiing, cycling, basketball, rugby, tennis, hunting, or some other activity, there are products, facilities and people able to assist you in participating in the recreational activity of your choice.

### Sports

The competitive sports arena is alive and well for athletes with spinal cord injuries or other disabilities. If a sport is avail-

able to an able-bodied person, the likelihood is high that it is available also to someone with a spinal cord injury. Athletes with disabilities participate regularly in the Boston Marathon and other running events, with wheelchair division times recorded along with other divisions. Wheelchair basketball, quad rugby, archery, bowling, tennis, snow and water skiing, and just about every other sport can be played by someone who uses a wheelchair. In many cases, the key to competition is access to the appropriate equipment, whether it is a lightweight wheelchair or the newest skiing equipment. Specialized wheelchairs have been developed specifically for use in various sports, including racing, wheelchair sports, and basketball.

### Information Resources

Before trying to locate specialized equipment, it may be helpful to contact one of the many organizations or publications that keep track of sports and recreation opportunities for people with disabilities. Two excellent resources are **National Handicapped Sports**, an organization for people with disabilities, and *Sports 'n Spokes*, a bi-monthly magazine that features sports and recreation opportunities for all people with disabilities:

Disabled Sports USA  
451 Hungerford Drive, Suite 100  
Rockville, MD 20850. 301/217-0960

*Sports 'n Spokes*  
PVA Publications  
5201 North 19th Avenue, Suite 111  
Phoenix, AZ 85015. 602/246-9426

### Fitness

For people interested in developing an exercise program, the following three videos may be helpful:

***Nancy's Special Workout*** features occupational therapist Nancy Sebring. This program is geared to the wheelchair user, both children and adults. The 45 minute routine starts with a warm-up, moves to a vigorous cardiovascular workout and ends with a cool-down. Aviano USA, 1199 - K Avenida Acaso, Camarillo, CA 93012. 805/484-8138.

Also available from Aviano USA is ***Keep Fit While You Sit***, for advanced workouts. It has been designed to increase circulation, respiratory capacity, flexibility, muscle tone and strength and is endorsed by the American Paralysis Association.

***Anybody Can Sit and Be Fit*** was developed by Martha Rounds, who has had 30 years in the field of health and fitness. This 20-minute routine is for people who need to sit while exercising. The program involves the arms and upper body and some leg lifts to help burn calories, increase circulation and relieve muscle tension. Accent on Living, P.O. Box 700, Bloomington, IL 61702. 800/787-8444.

Adaptive exercise equipment is also available for people with SCI. Included are pulley weights, complete weight systems

designed to be used by persons seated in a wheelchair, recumbent exercise bikes, and exercise cycles designed to be "pedaled" with the arms. Some of these products feature power systems for assisted exercise.

With any exercise program, it is advisable to consult with a physician before undertaking new activity, whether using a video or adaptive exercise equipment.

### **Standing Aids**

Health care professionals often recommend that people with SCI stand several times per day to improve cardiovascular fitness, prevent bone deterioration, and exercise muscles. Standing frames and stand-up wheelchairs provide the support needed to accomplish this activity.

### **Hobbies and Recreation**

A wide range of products is available to enable people with SCI to engage in the hobby or recreational activity of their choice. From music to gardening; from photography to fishing; from boating to flying, assistive technology is available.

### **Personal Care**

For many people, the ability to be as independent as possible in personal care activities is of paramount importance. There are many devices that have been developed to enable people with limited physical function to perform personal care activities with little or no assistance from others. Products are available in the following categories:

- Bathing and Showering
- Clothing
- Dressing
- Eating
- Grooming and Hygiene
- Health Care
- Holding
- Reaching
- Sexual Aids
- Smoking
- Toileting
- Transferring

For those with new injuries, consultation with an occupational therapist will be helpful in determining the kinds of assistance required and the best products to help meet those needs.

### **Making Your Workplace Accessible and Usable**

With the variety of adaptive devices available for almost any worksite, many people who have sustained spinal cord injuries have been able to return to their previous positions after their rehabilitation is completed. Whether in an office setting, a warehouse, or on the farm, to mention just a few examples, there are adaptive products and information resources available to make the return to work easier.

- Product categories include:
- Computers
  - Agricultural Equipment
  - Office Equipment
  - Tools
  - Desks
  - Specialized Work Stations

## **General Resources on Spinal Cord Injury**

For more information on spinal cord injury in general, the following publications are recommended:

*Spinal Cord Injury: A Guide for Patient and Family.* Phillips, L, et al, New York, NY: Raven Press, 1987. 290 pp.

This practical guide addresses in straightforward laypersons' terms the many medical, social and psychological issues that face people with spinal cord injuries and their families. Co-authored by physicians, lay experts, and a rehabilitation engineer who himself sustained a spinal cord injury, the book clearly explains how spinal cord injuries occur, what happens to the body after injury, and where to go for help. It also describes current research being done to find ways of improving function after a spinal cord injury. A glossary of terms and a list of publications are included. 1987. Raven Press, 1185 Avenue of the Americas, New York, NY 10036. ISBN 0-88167-275-0 (Order Code 1732) Tel: 212/930-9500.

*Spinal Network: The Total Resource for the Wheelchair Community, Second Edition.* Maddox, S. Boulder, CO: Spinal Network, 1993. 568 pp.

One of the most comprehensive resources available for the SCI community, this book offers detailed medical information on spinal cord injuries, covers sports and recreation, travel, substance abuse, sex and romance, fashion, survival on the farm, horticulture, fund raising, history of wheelchairs, cushions, driving, disability rights, legal and financial issues; includes list of resources for the person with SCI, including associations, assistive groups, contacts, state groups, and Canadian provincial groups. Personal perspectives on SCI and many references for further information are included. Available from Miramar Communications, P.O. Box 8987, Malibu, CA 90265-8987. 800/543-4116.

*How to Live with a Spinal Cord Injury.* Written by a person with paraplegia, this guide includes information about dealing with disability on a day-to-day basis. Available from: Accent on Living, P.O. Box 700, Bloomington, IL 61702. 800/787-8444.

*An Introduction to Spinal Cord Injury.* This pamphlet provides basic information about spinal cord injury, suggested additional readings, and a glossary of terms. Available from: Paralyzed Veterans of America (PVA), 801 Eighteenth Street, NW Washington, D.C. 20006. 800/424-8200, 202/872-1300.

*Fact Sheets on Spinal Cord Injury.* The National Spinal Cord Injury Association, a national membership organization for people with spinal cord injuries, publishes a series fact sheets on spinal cord injury. Topics include: What is Spinal Cord Injury?; Spinal Cord Injury Statistical Information; The Importance of Basic Science in Research; Sexuality After Spinal Cord Injury; and many other topics. A complete publications list describes the NSCIA Fact Sheets series as well as other publications available through the association. Available from: National Spinal Cord Injury Association, 545 Concord Avenue, Suite 29, Cambridge, MA 01801. 800/962-9629 or 617/935-2722.

*Yes, You Can!* is an easy-to-read guide to self-care for people with spinal cord injuries. Prepared by the staff of a spinal cord injury rehabilitation center, it covers issues such as attendant care; bowel and bladder management; psychosocial adjustment; recreation; skin care; and driving. It is available in English or Spanish. Available from: Paralyzed Veterans of America (PVA), 801 Eighteenth Street, NW, Washington, D.C. 20006. 800/424-8200 or 202/872-1300.

## Funding Sources

Funding for wheelchairs and other assistive devices, is dependent upon an individual's eligibility for medical, social services, income support or vocational assistance from any of a number of different resources. Depending upon the terms of the policy, some medical insurance providers cover a portion of the cost of some devices with a doctor's prescription and justification of medical need. Additional funding sources include community agencies, community organizations, and churches.

Further information on resources and methods of funding assistive devices is available from the Assistive Technology Funding & Systems Change Project, a project of the National Institute on Disability and Rehabilitation Research (NIDRR) run by the United Cerebral Palsy Associations, Inc. Individuals requiring information and technical assistance on funding may call 800-827-0093 (voice) or 800-833-8272 (TT) or fax 404-919-8305. Information about resources is also available in an ABLEDATA *Fact Sheet on Funding Assistive Technology*.

## Conclusion

A new spinal cord injury can mean major changes in lifestyle, but with the appropriate medical and informational resources and assistive technology, it may be possible to engage in the same activities as before the injury.

For those seeking information on assistive technology and information about more than 21,000 products for people with disabilities. ABLEDATA can be reached by calling 800/227-0216 or 301/588-9284. Information specialists are on hand to assist callers locate the information they need. For a small fee, ABLEDATA can provide patrons with computer printouts of information on specific wheelchairs listed in the database. Costs are determined by the size of the database search re-

quested.

ABLEDATA also has a series of Fact Sheets on assistive devices. Included is the *Funding Assistive Technology* Fact Sheet discussed above. Other titles include *Manual Wheelchairs*, *Powered Wheelchairs*, *Wheelchairs for Children*, and the *Informed Consumer Guide to Wheelchair Selection*. Contact the ABLEDATA office for a complete list of titles and prices.

ABLE INFORM is a computer bulletin board service (BBS) that allows computer users to search ABLEDATA themselves and to download information obtained from those searches. ABLE INFORM can be accessed via modem at 301/589-3563 (8-1-n), or through the Internet. (Telnet to FedWorld.gov, select option G, select option 1, then select system #115 to connect.) There is no charge to use the BBS, although callers from outside the metropolitan Washington, D.C. area will be charged by their telephone company for a long distance call when calling on commercial telephone lines.

## ABLEDATA Identifiers

The following is an excerpt from the list of identifiers and generic terms found in ABLEDATA for products related to spinal cord injury.

### ARCHITECTURAL ELEMENTS HOUSES

- house plan
- mobile home
- prefab house

### INDOOR

#### Bathrooms

##### Bathtubs

##### Bathtub Accessories

- bathtub insert
- bathtub shortener
- corner splash guard
- slip resistant coating for bathtub
- whirlpool

##### Bathtubs General

- bathtub
- bathtub cabinet
- cushioned bathtub
- elevated bathtub
- inflatable bathtub
- portable bathtub
- shower bathtub
- whirlpool bathtub

##### Bidets

- bidet
- sitz bath
- toilet bidet

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## Grab Bars

- floor mounted grab bar for toilet
- grab bar for bathtub
- installation of grab bar
- wall grab bar
- wall grab bar for bathtub
- wall grab bar for shower
- wall grab bar for toilet
- wall to floor grab bar

## Handshowers

- handshower on adjustable bar
- handshower wall hanger
- handshower with faucet fitting
- handshower with flexible hose
- handshower with soap dispenser
- portable handshower
- showerhead on adjustable arm

## Plumbing Accessories

- electronic faucet
- extended lever for toilet handle
- fixture safety cover
- foam faucet protector for tub
- hot water heater
- knee action mixing valve
- lever tap handle
- push button faucet
- shower control system
- showerhead on adjustable bar
- single lever faucet
- soap lotion dispenser
- tap turner
- water flow control
- water temperature control

## Showers

- corner shower seat
- folding shower seat
- portable shower
- roll in shower
- shower bathtub
- shower cabinet
- shower doors
- shower ramp
- shower with built in grab bar
- shower with built in seat
- showerhead on adjustable bar

## Sinks

- accessible sink
- accessible vanity
- adjustable height sink
- portable sink

## Toilets

- electric elevating toilet
- portable toilet
- powered elevating toilet seat lift
- tall toilet
- toilet bidet

## Doors

### Door Handles

- door handle lever
- door knob
- panic bar

### Door Locks

- chain lock
- door lock light
- exterior door lock with lever handle
- keyless door lock
- remote control door lock

### Door Operators

- door closer
- door opener
- powered door operator

### Doors General

- accessible fire-resistant door
- accessible revolving door
- accessible threshold
- door curtain
- door hinge
- doorstop and holder
- exterior door
- peephole
- protective panel
- space saving door

## Floors

- anti skid tape
- detectable warning surface
- non slip floor covering
- non slip rug mat
- non slip stair tread covering
- textured paint additive

## Kitchens

- accessible kitchen components
- adjustable kitchen components
- below counter refrigerator freezer
- electronic recycling machine
- kitchen faucet
- kitchen sink
- kitchen sink accessory
- kitchen storage system
- lever tap handle
- shallow sink
- single lever faucet
- soap lotion dispenser
- tap turner

## Public Restrooms

- accessible lavatory
- accessible restroom stall partition
- fixture safety cover
- hand dryer
- portable accessible restroom
- tilting mirror
- towel dispenser

## Storage

cabinet door opener  
cabinet organizers  
hanger with extended hook  
kitchen storage system  
low clothes bar for closet  
motorized clothing rack  
pegboard accessories  
slide out drawer for  
cabinet  
storage shelves

## Walls

hand rail  
railing guard  
wall grab bar  
wall to floor grab bar

## Windows

accessible window  
window opening aid

## LIGHTING

adjustable arm lamp  
automatic night light  
battery operated lamp  
height adjustable low vision  
lamp  
high intensity lamp  
lamp light sensor control  
lamp motion sensor control  
lamp switch extension lever  
light switch extension  
lighting control system  
sound activated light  
switch  
strobe light  
tabletop lamp dimmer  
touch light

## OUTDOOR

### Furniture

wheelchair picnic table

### Playground

back support for swing  
climbing structure  
jungle gym  
platform swing  
playground equipment  
reclining swing  
swing  
wheelchair exercise  
course  
wheelchair jungle gym  
wheelchair mobility  
training track  
wheelchair picnic table

wheelchair swing

## Surface Materials

beach mat  
cushioned rubber mat  
detectable warning surface  
ground retention grid  
wood fiber mat

## SAFETY AND SECURITY

### Alarm and Security Systems

burglar alarm  
closed circuit tv system  
distress flag signal  
fire alarm  
emergency alarm  
emergency alert system  
emergency evacuation  
system  
extension handle  
peephole  
power failure alarm system  
safe with keypad access  
security system  
signal system  
smoke alarm  
timing switch  
wandering patient system

### Child Proof Devices

childproof cabinet lock  
childproof electrical plug  
adapter  
protective corner pad

### Electric Cords

childproof electrical plug  
adapter  
electrical outlet cover  
storage reel for appliance  
cord

### Lights

automatic night light  
door lock light  
flashlight with alarm  
magnetic flashlight  
motion sensor light  
security power failure light  
strobe light

### Locks

magnetic padlock  
tactile padlock

### SIGNS

access sign  
ADA compliance sign  
area of rescue sign

bilingual sign  
braille sign  
car emergency sign  
parking area marker  
tactile sign  
voice output sign

## SPECIALTIES

accessible fountain  
ADA compliance  
evaluation software  
ADA reference  
electronic recycling  
machine  
electronic thermostat  
low vision thermostat  
room air conditioner  
snow melting system  
tactile thermostat  
telephone enclosure  
voting booth  
voting booth accessory

## VERTICAL LIFT

### Elevators

dumb waiter  
elevator  
home elevator

### Ramps

bus ramp  
curb ramp  
emergency ramp  
folding tracks  
handrail for portable ramp  
modular ramp  
portable ramp  
ramp  
telescoping tracks  
van ramp

### Stair Lifts

exterior seat lift  
exterior wheelchair lift  
interior seat lift  
interior wheelchair lift  
wheelchair lift enclosure

## COMMUNICATION

## ALTERNATIVE AND AUGMENTATIVE COMMUNICATION

### Communicators

## Communication Boards and Books

blissymbol system  
clear cover for language board  
clock face board  
communication board  
communication book  
language development evaluation system  
large print communication board  
symbolic communicator program  
symbolic language picture creation program  
symbolic language pictures  
symbolic language system  
visual symbol training system

## Communicators General

automated evaluation system for communicators  
battery pack for communication device  
carrying aid for communicator  
communication aid evaluation program  
communication device accessory  
cover for communication board  
keyguard for communication device  
location operating kit  
overlays for communication devices  
printer mount for communicator  
symbolic language picture library  
vocabulary tutorial program  
wheelchair mounting kit for communicators

## Direct Selection

computer direct selection communicator  
direct selection communicator  
direct selection communicator program  
expanded keyboard for communicator  
eye controlled communicator

firmware for communicator

## Encoding

encoding communicator  
eyegaze communicator

## Scanning

scanning communicator  
scanning communicator program  
scanning symbol communicator  
scanning symbol communicator program

## Oral Speech

### Amplifiers

laryngectomy speech amplifier  
microphone headset for speech amplifier  
speech amplifier

### Artificial Larynxes

speech aid

### Clarifiers

assistive speech device

### Stuttering

auditory feedback for stuttering therapy

## Speech Training

audiometer  
auditory training amplifier  
communication initiation device  
continuous loop tape recorder for speech therapy  
doll with mirror face  
language development evaluation system  
photo card  
sound activated speech therapy aid  
sound spectrograph  
speech / swallowing therapy device  
speech analysis program  
speech delay device  
speech mask  
speech mirror  
speech remediation program  
speech teaching device  
speech training cassette tape  
speech training chart  
speech training program

word catalog for speech therapists

## HEADWANDS

headwand  
optical pointer

## MOUTHSTICKS

mouthstick  
mouthstick control of cursor control device  
mouthstick holder  
mouthstick kit  
optical mouthstick holder  
optical pointer

## READING

### Auditory Output

recorded book  
talking book player  
voice output reading machine

### Bookholders

adjustable bookholder  
bookholder  
bookholder with lapboard  
bookholder with lapdesk  
bookholder with storage desk  
magazine holder  
newspaper holder  
overhead bookholder  
rotary bookholder  
stand with bookholder  
*See also Page Turners (below)*

### Magnifiers

bar magnifier  
bifocal magnifier  
binocular magnifier  
double loupe magnifier  
folding pocket magnifier  
hand magnifying lens  
lenses  
magnifier lens for eyeglasses  
magnifying lens with headband  
magnifying lens with light  
magnifying lens with neck strap  
magnifying lens with stand  
monocular lens  
page magnifier  
pocket telescope  
screen magnifier

## Page Turners

electric page turner  
hand held page turner

## Reading General

cctv  
clean reading box for  
chemical allergies  
computer interface for low  
vision reading system  
glare reducer for book  
large print book  
large print book club  
light box  
low vision computer  
terminal viewing system  
low vision reading program  
low vision reading system  
modified book  
olfactory book  
prism glasses  
reading tutorial program  
scroll reading aid

## Tactile and Braille

braille book  
braille reading readiness  
test  
braille reading tutorial  
program  
tactile access program  
tactile book  
tactile graph reading kit  
tactile reader

## SIGNAL SYSTEMS

### Safety Signal Systems

call signal  
emergency alert system  
security system  
smoke alarm  
sound monitor  
voice activated call signal

### Signal Systems General

auditory beeper paging  
system  
bed vibrator  
doorbell signal  
emergency alarm light  
sensor alert system  
paging system  
school bus signal  
tactile paging system  
telephone signal  
turn signal alert device  
wireless intercom  
wireless signal transmitter

## TELEPHONES

### Cordless Telephones

cordless telephone  
cordless telephone holder  
cordless telephone with  
headset  
remote control telephone

### Special Dialing Telephones

large button telephone  
memory telephone  
pushbutton telephone  
voice activated telephone  
voice output telephone

### Special Transmission Telephones

amplifier telephone  
braille telephone device for  
the deaf  
computer based text  
telephone  
computer controlled  
telephone  
conference call system for  
tdd  
expanded keyboard for tdd  
facsimile  
telecommunication device  
switch controlled telephone  
telecommunication device  
for the deaf (tdd)  
telephone option for  
communicator  
telephone with  
speakerphone  
text telephone or TT  
touch tone message  
decoder  
two way radio with headset  
video display telephone

### Telephone Accessories

#### Dialing Accessories

automatic memory dialer  
color coded telephone  
dialing kit  
dialing aid  
large add on push buttons  
large number overlay  
raised face plate  
touch tone transmitter

#### Reception Accessories

amplifier  
answering system  
handset ear pad  
printer for telephone device  
for the deaf (tdd)  
receiver holder

signal amplifier  
speakerphone  
tactile telephone receiver  
tdd answering system  
tdd monitoring system  
telephone adapter for  
hearing aids  
telephone headset

### Signal Accessories

telephone signal  
telephone signal indicator

### Telephone Accessories General

address book  
auditory beeper paging  
system  
cordless telephone holder  
receiver holder  
telephone cutoff switch  
telephone holder  
telephone skills training  
system

### Transmission Accessories

speakerphone  
telegraphic system  
universal modem  
voice amplifier  
voice output telephone aid

### Telephones General

telephone enclosure

## TYPING

### Typewriters

computer typewriter  
large print typewriter  
one hand typewriter  
remote control typing  
system  
typewriter to printer  
converter  
voice output computer  
typewriter

### Typing Accessories

carriage return light signal  
keyguard  
low vision copyholder for  
typing  
mini typewriter keyboard  
morse code typing system  
one hand typing manual  
paper inserter  
typewriter incline board  
typing instruction program  
typing stick

## WRITING

### Braille

#### Braille Supplies

braille answer sheet  
braille notebook  
braille notebook filler paper  
braille paper  
braille slate paper  
diagramming foil  
embossed graph sheets  
plastic file card

#### Braille Tools

braille correcting slate  
stylus  
braille drawing kit  
braille drawing stylus  
braille eraser  
braille graphics program  
braille slate  
braille slate stylus  
braille stylus  
braille tracing wheel  
dot invertor for embossing  
friction pad for braille slate  
raised line marker  
tactile drawing kit  
transcribing paper line  
guide

#### Braille Training

braille instruction kit  
braille reading readiness  
test  
manual for teaching braille

#### Braille Writers

braille copier  
braille display processor  
*braille embosser - Use  
braille printer*  
braille font program  
braille graphics program  
braille note writer  
braille printer  
braille text translation  
program  
braille translator  
braille word processor  
braille writer accessory  
copy machine for  
producing tactile relief  
images  
electric braille writer  
extension keys for braille  
writer  
manual braille writer  
paperless braille machine

plastic sheet for braille  
copier  
translation program for  
paperless braille machine

### Writing General

#### Writing General

tactile checkbook  
tactile drawing kit  
wrist hold down  
writing aid  
writing board

#### Writing Guides

check writing guide  
raised line card  
raised line drawing kit  
signature guide  
tactile script letter guide  
writing guide

#### Writing Paper

bold line graph sheets  
bold line writing paper  
large print answer sheet  
writing paper  
writing paper holder  
writing paper with raised  
lines

#### Writing Tools

easy grip pen  
pen holder  
pen with light  
pencil holder  
weighted pen  
writing board

music synthesizer  
paper loader  
portable battery pack for  
Apple IIc  
tactile computer punch  
card reader  
typewriter to printer  
converter

## HARDWARE

### Cards

expansion chassis with  
peripheral card selector  
peripheral card for  
computer  
programmer card  
setup program for  
peripheral card

### Central Processors

computer for physical  
therapy case  
management  
computer with micromodem  
computer with wheelchair  
interface  
laptop computer - Use  
notebook/laptop computer  
notebook / laptop computer  
voice output computer

### Disks and Tapes

braille labelled computer  
disk  
cassette control accessory  
disk accessories  
disk loading system

### Input

#### Braille Input Interfaces

braille computer terminal  
braille keyboard  
braille keytop overlay  
braille note writer  
braille word processor

#### General Input Interfaces

abbreviation expansion  
storage device  
amateur radio interface  
computer interface for low  
vision reading system  
computer terminal control  
interface  
control input interface  
cursor control interface

## COMPUTERS

### COMPUTER ACCESSORIES

#### Computer Accessories General

arm support  
audio cassette computer  
training  
braille computer instruction  
computer screen projector  
copy holder  
cursor control device tray  
glare reduction screen  
keyboard tray  
manual of signs for  
computer terminology  
monitor arm  
monitor stand  
mouthstick control of cursor  
control device

eye controlled input system  
joystick input interface  
light pen keyboard  
interface  
morse code interface for  
computer  
mouse  
mouthstick control of cursor  
control device  
optical character  
recognition device  
optical pointer  
switch adapter for Apple  
computer  
switch controlled multi  
function program  
touch pad  
touch screen  
touch switch for cursor

## Keyboards

audible keyboard signal  
auto repeat function  
disabler  
braille keyboard  
braille keytop overlay  
custom keyboard  
expanded keyboard  
expanded keyboard  
modification program  
expanded keyboard overlay  
expanded keypad  
keyboard for specific  
software  
keyboard interface  
keyboard modification  
keyboard moisture guard  
keyboard wrist support  
keyguard  
keylock  
keytop overlay  
mini keyboard  
modified keyboard  
mouse emulator  
mouse emulator program  
on screen keyboard  
program  
one hand keyboard  
interface  
one hand keyboard  
modification  
remote keyboard  
scanning keyboard  
interface  
single switch keyboard  
modification  
single switch keyboard  
modification program  
slant board  
track ball

training keyboard

## Voice Input Interfaces

voice input control switch  
voice input evaluation  
system  
voice input terminal  
voice input terminal control  
interface

## Modems

audio output for data  
transmission  
universal modem

## Output

### Braille Output

braille display processor  
braille printer  
braille translator  
paperless braille output  
module

### Large Print Output

cctv  
computer screen projector  
large print display  
large print printer  
low vision computer  
terminal viewing system  
screen magnifier

### Printout Accessories

paper loader  
printout handling accessory  
printout paper displayer  
screen print program

### Voice Output

computer headphone set  
keypad for speech  
synthesizer  
speech synthesizer  
speech synthesizer control  
switch  
voice output computer

## SOFTWARE

### Computer Access Interfaces

#### Motor Disability Access

keyboard controller  
simulation program  
keyboard modification  
program  
morse code interface  
program

mouse emulator program  
single switch keyboard  
modification program

### Sensory Disability Access

braille format program  
large print program  
visual beep indicator  
program  
voice input control switch  
voice output program  
voice output recognition  
training program  
voice output screen review  
program

### Computer Assisted Instruction

academic tutorial program  
ADA compliance evaluation  
software  
braille training program  
computer instruction  
program  
language tutorial program  
lip reading training program  
math tutorial program  
modified educational  
program  
money management tutorial  
program  
personal skills tutorial  
program  
pre-reading tutorial  
program  
random math problem  
generator program  
reading tutorial program  
sexuality education  
program  
spelling tutorial program  
story writing program  
typing instruction program  
typing instruction program  
for blind students  
vocabulary analysis  
program  
vocabulary enhancement  
program  
vocabulary tutorial program  
voice output foreign  
language tutorial program

### Computer Assisted Training

#### Cognitive and Motor Skills

behavior training program  
cognitive skills tutorial  
program  
memory improvement  
tutorial program  
mobility training program

perceptual training program  
problem solving program  
reading tutorial program

## Communication Skills

auditory perceptual training program  
blissymbolics instruction program  
speech analysis program  
speech remediation program  
speech training program

## Living Skills

consumer tutorial program  
money management tutorial program  
personal skills tutorial program  
safety awareness tutorial program  
time skills tutorial program

## Rehabilitation

rehabilitation tutorial program

## Evaluation

automated evaluation system for communicators  
cognitive rehabilitation evaluation program  
control switch assessment program  
control switch training program  
cursor control interface assessment program  
developmental evaluation program  
language development assessment program  
skills assessment work sample program  
skills training and assessment system  
speech analysis program

## Functional Applications

### Communication

blissymbolics computer typewriter program  
direct selection communicator program  
print to braille text translation program  
scanning communicator program

sign language program  
symbolic communicator program  
symbolic language picture creation program  
symbolic language picture library

## Environment

environmental control unit program

## Graphics and Design

braille graphics program  
computer aided design program  
drawing program  
graphics program

## Inter-Computer Applications

application menu program  
code interface software for microcomputers  
electronic mail program  
online database search program  
tdd emulation communication program  
telecommunication program  
voice output telecommunication program

## Job Placement

career database program  
job placement assessment program  
job readiness tutorial program  
vocational planning program

## Management

case management program  
clinical management program  
clinician training program  
database management program  
individual education plan program  
information and referral system  
physical therapy case management program  
utility program

## Office

accounting program  
address database program  
calendar program  
form processor program  
voice output accounting

program  
voice output appointment calendar program  
voice output check register program  
voice output computer filing program  
voice output computer terminal program  
voice output database program  
voice output form processor program  
voice output mailing list program  
voice output spreadsheet program  
voice output telephone aid  
voice output utility program  
voice output zip code program

## Recreation

modified game program  
music composition program  
short wave radio controller program  
single control switch game program library  
voice output game program

## Science

accessible microscope

## Writing

abbreviation expansion program  
braille text editor  
braille text translation program  
mathematical braille translation program  
optical character recognition program  
single switch word processing program  
text editor program  
text generator  
voice input text editor program  
voice output dictionary  
voice output word processor program  
word prediction program  
word processor program

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## **CONTROLS**

### **CONTROL SWITCHES**

#### **Assessment Systems**

- control switch assessment program
- control switch assessment system
- control switch training program
- multi input switch selector
- wheelchair control switch assessment system

#### **Electro-mechanical Switches**

##### **Body Position Switches**

- chin switch
- chin switch bracket
- eye switch
- foot pedal
- head position switch
- mercury switch
- posture switch

##### **Cables and Switch Accessories**

- cable assemblies for switches
- chin switch bracket
- control switch accessory
- gooseneck holder
- joystick holder
- switch adapter

##### **Contact Switches**

- bite switch
- buttonswitch
- chin switch
- encoding control switch
- eyebrow switch
- foot switch
- glove switch
- lever switch
- magnet switch
- microswitch
- momentary switch
- pull switch
- ribbon switch
- rocker switch
- rotating cylinder switch
- slot control switch
- squeeze switch
- thumb switch
- tongue lever switch
- touch switch
- touch switch for cursor
- visual motor task switch

#### **Joysticks**

- joystick
- T handle for joystick

#### **Optical Switches**

- eye switch
- eyebrow switch
- optical pointer

#### **Pneumatic Switches**

- pneumatic control for television
- pneumatic switch
- pneumatic switch accessory
- puff and/or sip switch - Use pneumatic switch*

#### **Sensor Switches**

- EMG switch
- motion detection switch
- photoelectric switch
- sensor switch
- sound switch

#### **Remote Switches**

- cordless remote control switch
- infrared control switch
- pneumatic switch actuator pendant
- puzzle switch
- radio remote control switch
- remote control switch
- scanning remote control switch
- ultrasonic switch
- voice input control switch

#### **Switch Interfaces**

- alternative computer control switch program
- alternative game port socket
- battery interface control for toy
- control input interface
- control switch interface unit
- delay timer
- extension cable
- multi input switch selector
- power control adapter
- remote display switch adapter
- switch latch
- switch mounting hardware
- switch stand
- switch timer

## **ENVIRONMENTAL CONTROLS**

### **Environmental Control Accessories**

#### **Audio Visual Equipment Controls**

- remote control intercom
- remote control radio
- remote control tape recorder
- remote television control module

#### **Bed Control**

- bed control

#### **Environmental Control Accessories General**

- environmental control power adapter
- environmental control switch
- environmental control switch module
- lamp module
- remote controller
- timing switch

#### **Signal Controls**

- call signal
- remote alarm signal module
- security system

### **Environmental Control Units**

- environmental control unit
- environmental control unit program
- robot

### **Heating and Ventilation**

- electronic thermostat
- low vision thermostat
- room air conditioner
- tactile thermostat

## **POWER SWITCHES**

- light switch aid
- light switch extension
- vertical outlet extension

## **HOME MANAGEMENT**

### **FOOD PREPARATION**

#### **Appliances**

braille overlay for controls  
ceramic cooktop  
convection oven  
dishwasher  
electric kettle  
electric skillet  
food processor  
microwave oven  
oven  
range  
slow cooker  
tabletop broiler

#### **Cooking**

cooking aid  
cookware  
heat protection device  
hot plate  
knob turner  
oven aid  
oven mitt  
over stove mirror  
pan holder  
pan lifter  
pressure cooker

#### **Food Preparation General**

##### **Containers**

bottle brush  
bottle handle  
bottle holder  
can opener  
corkscrew  
door mounted trash can  
jar holder  
jar opener  
milk carton carrier  
milk carton opener  
plastic bag sealer  
screw cap opener  
twist cap bottle opener

##### **Cutting and Chopping Tools**

chopper  
cutting board  
cutting guide  
food processor  
kitchen knife  
kitchen scissors  
knife sharpener

##### **Kitchen Tools General**

baster  
bread slice holder  
buttering aid  
cheese slicer

cookbook  
dishwashing brush  
grater  
hot liquid cooling device  
kettle holder  
kitchen sink accessory  
measuring cup  
measuring spoon  
peeler  
pepper mill  
rolling pin  
salt mill  
spatula  
spice organizer  
teapot stand  
tongs  
undercabinet bookholder  
utensil organizer  
water heater

#### **Measuring**

kitchen scale  
low vision timer  
tactile kitchen scale  
timer

#### **Mixing**

mixer  
mixing bowl  
mixing bowl holder

## **FURNITURE**

### **Bedroom**

#### **Bed Aids**

##### **Bed Coverings**

bed underpad  
blanket  
electric mattress pad  
mattress pad  
mattress protector  
sheet  
waterproof sheet

##### **Other Bed Aids**

crib net  
crib top  
decubitus pad  
foot warmer  
side rail  
side rail pad  
sleeping aid

##### **Positioning Aids**

arm rest  
back rest  
bed board  
bed control  
blanket support  
body positioner  
foot board  
leg rest

rope ladder  
trapeze

#### **Storage**

bed pouch  
bedside cabinet

#### **Beds**

bed chair  
bed with automatic turning  
circle bed  
crib  
flotation bed  
manual adjustable bed  
motorized bed  
quiet bed  
rocking bed respirator  
tilting bed  
transfer bed  
waterbed

#### **Mattresses**

##### **Air Mattresses**

air flotation mattress  
air flotation mattress  
surface  
alternating air pressure  
mattress surface  
foam and air flotation  
mattress  
water and air flotation  
mattress

##### **Foam Mattresses**

foam and air flotation  
mattress  
foam mattress  
foam mattress surface

##### **Gel Mattresses**

gel flotation mattress  
gel flotation mattress insert  
for mattress  
gel flotation mattress  
surface

##### **Other Mattresses**

fiberfill mattress surface  
hospital mattress  
mattress raiser  
mattress with cutout for  
commode  
orthopedic mattress  
polymer mattress  
polystyrene bead mattress  
surface

##### **Water Mattresses**

water and air flotation  
mattress  
water and air flotation  
mattress surface  
water and foam flotation  
mattress  
water flotation mattress

water flotation mattress  
surface

## Pillows

anti snoring pillow  
body support pillow  
cervical pillow  
contoured pillow  
disposable pillow  
inflatable pillow  
pillow  
pillow protector  
roll cushion  
vibrating pillow  
wedge pillow

## Trays and Tables

### Tables

accessible table  
computer table  
cut out table  
folding table  
height adjustable desk  
height adjustable tilt top  
work table  
height adjustable work table  
kidney shaped table  
powered adjustable height  
work table  
rotating round table  
study carrel  
table  
table adapter  
tilt top table  
wheelchair picnic table

### Trays and Bed Tables

bed tray  
non slip tray  
overbed table  
tray for armchair

## Chairs

adjustable chair  
arm chair with high seat  
arthrodesis chair  
bean bag chair  
caster platform  
chair with descending seat  
child adjustable chair  
child chair  
geriatric chair  
grab bar for arm chair  
high back chair  
office chair  
office chair with tilt in  
space  
operator chair  
posture chair  
recliner chair  
rocking chair  
seat lift chair

seat transfer lift

## Furniture General

accessible bedroom  
furniture  
accessible wardrobe  
furniture tips  
leg extenders  
storage furniture

## Steps and Stools

adjustable stool  
caster stool  
footstool  
high stool  
step stool

## HOUSEKEEPING

### Cleaning

broom  
bucket  
carpet sweeper  
cleaning cloth  
dustpan  
long handled sponge  
mop  
scrub brush

### Housekeeping General

dumb waiter  
electronic recycling  
machine  
folding cart  
magnetic flashlight  
pull out tray for mailbox  
rolling cart

### Ironing

ironing board

### Laundry

braille overlay for controls  
clothes dryer  
clothes washer  
large knobs for washer  
laundry aid

### Shopping

shopping basket for  
wheelchair  
shopping cart

## ORTHOTICS

### HEAD AND NECK

cervical collar  
cervical support

## LOWER EXTREMITY

### Ankle Foot Orthoses

ankle foot orthosis  
ankle support  
below knee training orthosis  
system  
boot orthosis  
knee ankle foot orthosis  
night foot splint  
shoe insert  
shoe insert for cast  
temporary knee ankle foot  
orthosis  
toe lifter  
toe splint

### Hip and Knee Orthoses

above knee posterior splint  
above knee training  
orthosis system  
hip abduction splint  
hip rotation orthosis  
thigh support

### Knee Orthoses

calf support  
knee ankle foot orthosis  
knee extension orthosis  
knee orthosis  
knee orthosis liner  
knee strap  
patella stabilizer  
polycentric knee joint  
polypropylene knee joint  
shin support  
temporary knee ankle foot  
orthosis

### Lower Extremity Orthoses General

flexion contracture splint  
fracture orthosis  
orthosis liner  
parapodium  
walking cast orthosis

## ORTHOTICS GENERAL

adhesive back foam  
cast anti itch preparation  
elastomer product  
foam material  
foam strap padding  
hook and loop fastener  
one hand buckle  
orthopedic cast heater  
splint strap  
splinting material  
stockinette

velvet loop material for  
velcro

orthosis liner

soap holder  
stoma shield for shower  
water temperature control

## TORSO

abdominal binder  
back support cushion  
hyperextension orthosis  
kyphosis orthosis  
low back orthosis  
lumbar traction orthosis  
orthosis liner  
rib belt  
spinal orthosis

## UPPER EXTREMITY

### Elbow / Shoulder Orthoses

elbow extension orthosis  
elbow pad  
elbow support  
shoulder brace

### Finger Orthoses

aluminum finger strips  
finger cuff  
finger extension splint  
finger flexion splint  
splint modification for guitar  
thumb splint

### Hand / Wrist Orthoses

#### Dynamic Function

flexor hinge hand orthosis  
kit  
powered prehension  
orthosis  
volar wrist orthosis with  
finger flexion control

#### Static Function

anti vibration glove  
functional hand position  
splint  
hand cone  
hand orthosis  
long opponens orthosis  
short opponens orthosis  
ulnar deviation orthosis  
volar wrist and thumb  
orthosis  
wrist and forearm splint  
wrist splint

### Upper Extremity Orthoses General

damping orthosis  
extension contracture splint  
flexion contracture splint  
forearm pad  
fracture orthosis

## PERSONAL CARE

### ARM SUPPORTS

#### Body Supported Slings

arm sling  
arm sling with shoulder  
harness  
child arm sling  
hemiplegic shoulder  
subluxation support

#### Mechanical Arm Supports

arm support  
arm suspension mitt  
balanced forearm orthosis  
balanced forearm orthosis  
accessory  
overhead rod for  
suspension sling  
overhead suspension sling  
rocking arm rest  
suspension balanced  
forearm orthosis

## BATHING

### Bath Lifts

hydraulic bath lift  
mechanical bath lift  
powered bath lift  
powered bath lift for  
hydrotherapy  
transfer lift bathtub adapter  
water hydraulic bath lift  
water inflatable bath lift  
transfer seat

### Bathing Aids

#### Back Brushes

back scrubber  
long handled bath and  
grooming kit  
long handled brush  
long handled sponge

#### Bath Aids

cast protector  
drain control  
floating thermometer  
foam faucet protector for  
tub  
footbrush  
inflatable bathtub cushion  
modified towel  
no rinse soap  
sidewall cushion

### Hand Brushes

one hand washer  
suction mounted hand  
brush  
suction mounted hand  
sponge

### Safety Treads

bathtub mat  
safety grip socks  
safety tread  
shower mat  
slip resistant coating for  
bathtub

### Wash Mitts and Washcloths

disposable washcloth  
wash mitt  
washcloth with extended  
handle

### Bathroom Accessories

bath pillow  
bathroom caddy  
bathroom spray hose  
corner splash guard  
shower caddy  
towel stand

### Bathtub Seats

#### Bathtub Benches

bathboard  
shower tub trolley  
transfer bench

#### Bathtub Seats General

bath seat  
bath sling  
bath support  
bathtub caster board  
bathtub shower frame  
bathtub stool  
child bath chair  
child bath support  
reclining bath seat

### Shower Chairs

caster shower chair  
caster shower commode  
shower chair  
shower stretcher  
wheelchair shower  
commode

### Shower Stools

corner shower seat  
folding shower seat  
folding shower stretcher

shower bench  
shower stool

## CARRYING

### Carrying General

carrying bag  
carrying bag for cane  
carrying caddy  
luggage carrier  
shoulder strap carrying aid  
waist pouch

### Crutch

carrying bag for crutch

### Walker

caddy for walker  
carrying bag for walker  
tray for walker  
wire basket for walker

### Wheelchair

briefcase  
caddy for wheelchair  
wheelchair back pouch  
wheelchair legrest pouch  
wheelchair side pouch  
wire basket for wheelchair

## CHILD CARE

abductor for high chair  
baby bottle with side handles  
booster seat with side support  
disposable diaper liner  
reclining infant seat  
seat support for chair  
small object tester  
sound monitor

## CLOTHING

### Children's Clothing

bodysuit  
child's blouse  
child's dress  
child's jacket  
child's jeans  
child's nightwear  
child's jumper  
child's overalls  
child's robe  
child's shirt  
child's shorts  
child's skirt  
child's sweater  
child's sweatpants  
child's sweatshirt

child's t shirt  
child's top  
child's turtleneck shirt  
child's vest  
disposable clothing  
pants  
playsuit  
swim suit  
underwear

### Clothing General

arm protector  
elbow warmer  
gel for use with pressure garments  
insect net hat  
knee warmer  
lap robe  
lap tray  
leg warmers  
low back warmer  
one hand belt buckle  
pressure glove  
pressure wrap garments  
push cuffs  
push gloves  
removable pocket  
safety grip socks  
sewing manual for adapting clothing  
sewing pattern  
toe cast sock

### Helmets

helmet accessory  
helmet with reachers  
protective helmet

### Men's Clothing

#### Nightwear

hospital gown  
men's nightshirt  
men's pajamas  
men's robe

#### Outerwear

disposable clothing  
drop seat trousers  
men's jacket  
men's jeans  
men's jumpsuit  
men's overalls  
men's shorts  
men's sweater  
men's t shirt  
men's top  
men's turtleneck shirt  
men's vest  
shirt  
sport jacket  
suit

sweatpants  
sweatshirt  
swimming trunks  
trousers  
wheelchair trousers

### Underwear

men's undershirt  
socks  
undershorts

### Outdoor Clothing

#### Cold

blanket  
cape  
child's cape  
child's jacket  
child's poncho  
coat  
electric mittens  
electric socks  
glove sharing service  
gloves  
hunting pants  
leg muffler  
men's jacket  
mittens  
muff  
poncho  
shoulder wrap  
snowpants  
stretch gloves  
women's jacket

#### Rain

raincape  
raincoat  
rainpants  
wheelchair rain skirt

### Shoes

#### Shoes and Slippers

adjustable shoes  
aquatic slippers / shoes  
booties  
foam shoe  
men's shoes  
orthopedic shoes  
rocker shoe  
sheepskin boot  
slipper socks  
slippers  
slippers with footrest attachment  
washable shoes  
women's shoes

#### Shoes General

cast boot  
foot protector for cast  
ice grippers  
shoe laces

shoe sharing service  
shoeshine valet

## Women's Clothing

### Nightwear

bed jacket  
hospital gown  
women's nightgown  
women's nightshirt  
women's pajamas  
women's robe

### Outerwear

apron  
apron hoop  
bathing suit  
cap  
cap with hairpiece  
culottes  
disposable clothing  
pants suit  
scarf  
shoulder warmer  
slacks  
sweatpants  
sweatshirt  
wheelchair dress  
wheelchair skirt  
women's blouse  
women's dress  
women's jacket  
women's jeans  
women's jumper  
women's jumpsuit  
women's overalls  
women's shorts  
women's skirt  
women's sweater  
women's t shirt  
women's top  
women's turtleneck shirt  
women's vest

### Underwear

bra  
camisole  
garter belt  
post mastectomy bra  
skirt shield  
slip  
socks  
stockings  
therapeutic hosiery  
underpants  
women's long underwear  
women's undershirt

## DISPENSER AIDS

shaving cream dispenser  
lever

soap lotion dispenser  
spray can dispenser lever  
toothpaste dispenser  
tube key

## DRESSING

### Button Aids

buttonaid  
buttonhook  
modified button  
velcro

### Dressing General

amputee dressing aid  
dressing activity apron  
dressing frame  
dressing mat  
dressing stick  
fastener blocks  
lacing board  
lacing shoe  
leg positioning aid  
pull loops  
trouser aid  
watch winder  
zipper pull

### Shoe Aids

elastic shoe lace  
lacing aid  
long handled shoe horn  
shoe horn  
shoe horn with built up  
handle  
shoe lace fastener  
shoe remover  
zipper shoe fastener

### Stocking Aids

folding stocking aid  
long handled stocking aid  
pantyhose aid  
sock aid  
stocking aid

## DRINKING

### Cups

cup with adjustable handle  
cup with holder  
cup with large handle  
cup with non slip base  
cup with spout  
pedestal cup  
T handle cup  
twin handle cup  
weighted cup

## Glasses

glass  
glass with built in straw  
glass with holder and lid  
glass with lid  
glass with lid and spout  
glass with pill holder  
nose cutout glass

### Straws

bottle straw  
drinking straw  
drinking straw with valve  
pressurized drinking  
system  
straw holder  
wheelchair thermos with  
long straw

## EATING

### Bibs

bib  
bib clips  
bib hoop  
smock

### Dishes

#### Dishes General

food warmer dish  
high side dish  
non skid bowl  
partitioned tray  
scoop bowl  
scoop dish

#### Food Guards

food guard

#### Plates

high side plate  
inner lip plate  
non skid plate  
partitioned plate  
plate handle  
plate holder for wheelchair  
plate with suction base

### Feeders

feeder seat  
feeder seat cushion  
mechanical feeder  
powered feeder  
reflux positioner  
sandwich holder

### Feeding Program

placemat  
positioning picture sticker

## Utensils

### Forks

fork  
fork with built up handle  
fork with extended handle  
fork with finger ring  
fork with horizontal palmar cuff  
fork with offset handle  
fork with vertical palmar cuff  
fork with weighted handle  
one hand cutlery set  
rocker knife and fork  
side cutting fork  
swivel fork  
swivel fork with built up handle

### Knives

kitchen knife  
knife with built up handle  
knife with loop handle  
knife with vertical palmar cuff  
knife with weighted handle  
large handle knife  
rocker knife  
rocker knife and fork  
roller knife

### Spoons

child spoon  
coated spoon  
feeding spatula  
glossectomy feeding spoon  
plastisol coated spoon  
rubber spoon  
side cutting spoon  
spoon  
spoon with built up handle  
spoon with extended handle  
spoon with horizontal palmar handle  
spoon with offset handle  
spoon with vertical palmar handle  
swivel spoon  
weighted spoon

### Sporks

side cutting spork  
spork  
spork with built up handle  
swivel spork

## GROOMING AND HYGIENE

### Dental Care

#### Dental Care General

dental floss holder  
oral hygiene aid  
toothpaste dispenser

#### Toothbrushes

denture brush with suction base  
disposable toothbrush  
electric toothbrush  
toothbrush  
toothbrush with built up handle  
toothbrush with extended handle  
toothbrush with rubber head

### Eyeglasses

eyeglass caddy  
eyeglass strap

### Hair Care

#### Combs

afro comb with built up handle  
afro comb with extended handle  
comb with built up handle  
comb with extended handle  
long handled bath and grooming kit

#### Hair Brushes

finger ring hair brush  
hair brush with built up handle  
hair brush with extended handle  
hair brush with loop handle  
long handled bath and grooming kit

#### Shampoo Aids

faucet spray with flexible hose  
hair dryer  
no rinse conditioner  
no rinse shampoo  
shampoo basin

### Makeup

lipstick holder

### Mirrors

extension mirror  
inspection mirror  
mirror

mirror holder  
mirror with floor stand  
mirror with neck bracket

### Nail Care

left hand nail scissors  
long handled bath and grooming kit  
nail brush  
nail clipper  
nail file  
nail scissors

### Shaving

electric shaver holder  
razor holder  
razor with built up handle  
shaving cream dispenser lever

## HANDLE PADDING

built up handle adapter  
cushioned tape  
cylindrical foam padding  
plastic coating  
spray on nonslip grip  
triangular finger grip  
vinyl coating

## HEALTH CARE

### Blood Pressure Instruments

electronic sphygmomanometer  
electronic stethoscope  
electronic stethoscope with amplifier  
one hand stethoscope  
voice output sphygmomanometer

### Cold Therapy

body cooling system  
cold pack  
cold pack cover  
cold pack with compression wrap  
folding ice bag

### Health Care General

arm protector  
cap with hairpiece  
cast anti itch preparation  
continuous passive motion device  
CPR mouthguard  
decubitus pad  
elbow protector  
heel protector  
identification tag

infant eye protector  
knee pads  
laryngectomy filter  
laryngectomy shower shield  
laryngectomy stoma bib  
lymphedema pump  
mouth wedge  
personal spray cooling system  
service dog  
signal dog  
sleeping aid  
small object tester  
synthetic skin bandage  
thumb protector  
tubular elastic compression bandage  
velcro peripheral vascular dressing  
wound care products

## Heat Therapy

elbow warmer  
foot warmer  
hand warmer  
hand warmer gloves  
hand warmer mittens  
heating muff  
heating pad  
hot pack  
hot pack cover  
knee warmer  
thermal wrap

## Medications

### Medications General

cooler for medication  
dialysis machine  
insulated medication pack  
liquid medication guide  
liquid medicine spoon  
treatment management program

### Pills

glass with pill holder  
pendant for nitroglycerin tablets  
pill crusher  
pill organizer  
pill organizer with alarm  
pill pack opener  
pill splitter  
vial holder  
vial opener

### Syringes

auditory insulin syringe  
injection strap  
insulin syringe infuser  
syringe filling device

syringe injection aid  
syringe magnifier  
syringe needle guide  
syringe needle guide and vial holder

## Testing Devices

blood sugar test strip  
glucose analyzer  
hemodialysis bloodset  
insulin reaction monitor  
puncture device for blood test  
voice output glucose analyzer

## Monitors

apnea respiration monitor  
heart monitor  
insulin reaction monitor  
pulse meter

## Restraints

### Body Restraints

belt restraint  
body restraint  
diaper restraint  
harness restraint  
jacket restraint  
pelvic restraint  
safety bar restraint  
vest restraint  
wheelchair seatbelt

### Child Restraints

child belt and leg sling  
child belt restraint  
child harness restraint  
child limb restraint  
child vest restraint

### Limb Restraints

elbow restraint  
limb restraint  
restraint mitt  
wrist restraint

## Scales

beam scale  
chair scale  
digital scale  
scale accessory  
tactile scale  
voice output scale  
wheelchair scale

## Thermometers

auditory thermometer  
digital thermometer  
electronic thermometer  
fever strip

large print thermometer  
tactile thermometer  
tympanic thermometer

## Tracheostomy Devices

child tracheostomy collar  
exhalation kit  
exhalation therapy device  
trachea stoma bib  
trachea stoma button  
trachea stoma necklace  
tracheostomy filter  
tracheostomy shower shield  
tracheostomy tube holder

## HOLDING

### Drink Holders

can holder  
cup holder  
cup with holder  
wheelchair drink holder

### Glass Holders

adjustable glass holder  
clip on glass holder  
detachable handle  
lazy susan glass holder  
no tip glass holder  
tilting glass holder  
two handle glass holder

### Holding General

ceiling mounted adjustable suspension cable  
forearm cuff tool holder  
gooseneck holder  
grasping aid for hand  
key holder  
key holder with beeper  
magnet tape  
quick release clamp  
surface anchor

### Non-Slip Surfaces

anti skid tape  
non slip matting  
non slip pad  
non slip placemat  
non slip tray

### Suction Holders

suction base  
suction holder

### Telephone Aids

receiver holder

### Utensil Holders

dorsal wrist splint  
extension holder  
palmar C clip

triangular finger grip  
utensil holder

## REACHING

car door reacher  
coat hanger aid  
helmet with reachers  
long handled hook  
long tweezers  
reacher holder  
reachers  
reachers with light  
telescoping magnet  
tongs  
utility stick

## SEXUAL AIDS

positioning pillow  
sexuality education aid  
sexuality education  
program  
sexuality education tutorial  
vacuum system

## SMOKING

cigarette holder  
clip on ashtray  
fireproof apron  
remote smoking device

## TOILETING

### Catheters

#### Catheter Hygiene

adhesive remover  
catheter cleaning brush  
irrigation syringe  
odor control deodorant  
skin care product  
skin cement  
urinary deodorant  
detergent

#### Catheter Supplies

automatic leg bag emptier  
catherization aid  
catheter clamp  
catheter connector  
catheter drain valve  
catheter inflation syringe  
catheter strap  
catheter supplies  
catheter tube bed clamp  
catheter tube holder  
external catheter  
internal catheter  
wheelchair drainage

system

### Collection Bags

catheter collection bag  
cover  
drainage bag  
leg bag  
leg bag cover  
leg bag strap  
night drain unit

### Commodes

#### Commode Chairs

caster commode  
child commode  
commode with removable  
arms  
commode with seat lift  
fixed height commode  
folding fixed height  
commode  
folding height adjustable  
commode  
height adjustable commode  
self contained commode  
wheelchair commode

#### Commodes General

child commode seat  
reducer  
commode seat cushion  
disposable bag for  
commode  
walker and commode tips

#### Shower Commodes

caster shower commode  
wheelchair shower  
commode

### Incontinence

#### Garments

adult diaper  
diaper clip  
disposable diaper  
disposable diaper liner  
female incontinence  
garment  
incontinence pants  
incontinence pants liner  
male incontinence garment

#### Incontinence General

bed underpad  
continence controller  
female incontinence  
stimulator  
incontinence alarm  
incontinence collector

pouch  
incontinence pad  
male incontinence clamp  
skin care product

### Ostomy Supplies

#### Collection Bags

adhesive remover  
colostomy irrigation system  
colostomy pouch  
ileostomy pouch  
odor control deodorant  
ostomy brush  
ostomy pouch cover  
ostomy supplies  
ostomy support belt  
skin care product  
skin cement  
stoma shield for shower  
urinary deodorant  
detergent  
urinary pouch

### Toilets

#### Safety Frames

adjustable safety frame  
safety frame  
safety frame with elevated  
toilet seat  
safety frame with toilet seat  
unilateral safety frame  
wall mount safety frame

#### Toilet Hygiene

anal stimulator  
bed pan  
bed pan pad  
potty training switch  
suppository inserter  
toilet paper roll holder for  
commodes  
toileting aid

#### Toilet Seats

##### Elevated Toilet Seats

carrying case for elevated  
toilet seat  
elevated toilet seat  
molded elevated toilet seat  
powered elevating toilet  
seat lift  
wall hanger for elevated  
toilet seat

##### Toilet Seats General

back support for toilet  
child toilet seat  
cushioned toilet seat  
toilet seat cushion  
toilet seat deflector

## Urinals

disposable urinal  
female urinal  
male pubic pressure urinal  
male sheath urinal  
urinal  
urinal drain valve  
urine trough  
wheelchair urinal

rehabilitation loom  
scissors

tape

## Recreational Electronics General

cassette storage system  
frequency marker  
headset adapter  
modified game program  
single control switch game  
program library  
transmitter tuning aid  
voice output frequency  
counter

## TRANSFER

### General Transfer Devices

leg lifter  
manual transfer sling  
standing transfer aid  
transfer aid  
transfer board  
vertical pole  
wheelchair transfer training  
stool

### Transfer Lifts

hydraulic transfer lift  
mechanical transfer lift  
overhead transfer lift  
powered transfer lift  
seat transfer lift  
transfer lift accessory  
transfer lift bathtub adapter  
transfer lift chair seat  
transfer lift for car  
transfer lift scale  
attachment  
transfer lift sling  
transfer lift stretcher

## CYCLING

### Cycle Accessories

add on power unit for cycle  
bicycle and tricycle  
accessories  
cart for cycle  
child foot pedal attachment  
child tricycle accessories  
child tricycle back support  
child tricycle handlebars  
child tricycle pommel  
foot pedal attachment  
inflatable seat cushion  
one hand dual brake lever  
tandem bicycle adapter  
tricycle back support

### Cycles

adult tricycle  
child prone tricycle  
child training bicycle  
child tricycle  
cycle attachment for  
wheelchair  
four wheel cycle  
hand propelled bicycle  
hand propelled cycle  
hand propelled tricycle  
junior tricycle  
leg propelled cycle  
modified bicycle  
motorcycle with wheelchair  
platform  
powered tricycle  
tandem bicycle  
three wheel cycle  
three wheel tandem

### Video / Television Equipment

amplification system for  
television  
induction loop amplification  
system  
pneumatic control for  
television  
portable television radio  
telecaption decoder  
telecaption video recorder  
television remote control  
television screen magnifier  
video recorder remote  
control  
voice output vcr  
programmer

## RECREATION

### ARTS AND CRAFTS

adapted brush  
adjustable easel  
art therapy product  
child scissors  
craft tool holder  
crayons with built-up  
handle  
crocheting aid  
drawing activity  
easel  
knitting aid  
leather tooling press  
low vision cross stitch  
patterns  
paint brush holder  
paint holder  
potters wheel

## ELECTRONICS

### Radio and Stereo Equipment

adapted radio  
adapted tape recorder  
amplification system for  
radio  
auditory recording level  
indicator  
induction loop amplification  
system  
portable television radio  
radio remote control  
short wave radio controller  
program  
tape recorder switch  
adapter  
tone indexer for cassette

## GAMES

### Board Games

board game  
braille game  
large print game  
pegboard game  
tactile dice  
tactile game  
voice output game

### Cards

braille playing cards  
card shuffler  
low vision playing cards  
magnetic playing cards  
mouthstick playing card  
holder  
perceptual card game  
playing card holder  
solitaire board  
tactile card game

### Games General

alphabet game  
auditory game  
basketball game  
bat and ball game  
bean bag game

billiard aid  
bowling game  
dominoes  
funnel ball game  
game  
height adjustable billiard  
table  
math skills game  
perception game  
pinball game  
ring toss  
tactile poker chips  
voice output game  
program  
wooden knobs for games

## Puzzles

large knobbed puzzle  
large print crossword  
puzzle  
tactile puzzle  
wood puzzle

## Video

modified game controller  
modified game program  
single control switch game  
program library

## GARDENING

### Garden Handtools

arm support for garden  
tool  
broom with angled handle  
lightweight garden tool  
long handled fruit picker  
long handled garden tool  
long handled scrub brush  
for hose  
long handled spray  
extension for hose  
long handled tree pruner  
long handled weeder  
pruner  
rake  
rake with angled handle  
short handled garden tool  
shovel with angled handle  
tool handle extension  
weeder

### Gardening General

garden apron  
garden cart  
garden design  
garden hose extender  
garden knee pad  
garden shears  
garden stool  
greenhouses

hose nozzle  
lawn mower safety switch  
leaf bag and frame  
planting guide  
raised bed container  
gardening system  
riding lawnmower control  
modification  
riding lawnmower with  
hand controls  
water wand holder

## MUSIC

adjustable music rack for  
low vision  
beater  
electric metronome  
instrument holder  
large print music paper  
music composition  
program  
music reading aid  
music synthesizer  
piano music for one hand  
pick  
tactile metronome  
vibrotactile amplification  
system

## PHOTOGRAPHY

camera mount for  
prosthesis  
camera mount for table  
camera mount for  
wheelchair  
camera mount harness  
one hand camera  
pneumatic switch for  
camera

## PLAY

### Fine Motor Play

braille coloring book  
doll with mirror face  
paint set  
play tray  
sand water table

### Gross Motor Play

bat and ball game  
boundary cones  
climbing structure  
jungle gym  
large blocks  
large foam shapes  
modified frisbee  
parachute

platform swing  
punching bag  
rocking horse  
slide  
swing  
trampoline  
vehicle mobility training  
track

## Wheelchair Play

wheelchair exercise  
course  
wheelchair jungle gym  
wheelchair mobility  
training track  
wheelchair picnic table  
wheelchair swing

## RECREATION GENERAL

portable stage

## SEWING

### Scissors

left hand scissors  
scissors  
scissors holder  
scissors with flexible  
handle  
self opening scissors

### Sewing Accessories

clamp on needlework hoop  
hand control for sewing  
machine  
magnifier for sewing  
machine  
needle threader  
self threading sewing  
needle  
sewing machine  
sewing manual for  
adapting clothing  
sewing pattern  
tactile tape measure

## SPORTS

### Archery and Shooting

archery equipment  
duck blind  
modified rifle scope  
one hand rifle  
rifle support  
trigger finger support

### Balls

audible ball  
ball pump

bell ball  
cage ball  
fleece ball  
foam ball  
inflatable ball  
large balloon  
plastic ball and mitt  
textured ball  
weighted ball

## **Basketball**

auditory basketball  
auditory basketball  
backstop  
basketball backstop  
basketball game

## **Boating**

accessible boat  
automatic boat loader  
canoe  
kayak  
modified boat seat  
modified dock  
modified paddle  
sailboat  
wheelchair restraint for  
boat deck

## **Bowling**

bowling ball holder  
bowling ball pusher  
bowling rail  
bowling ramp  
modified bowling ball

## **Fishing**

automatic fishing line  
regulator  
electric fishing reel  
fish hook remover  
fishing accessory  
fishing reel  
fishing rod holder  
fishing rod holder for  
amputee  
knot tying jig  
modified fishing rod  
handle  
one hand fishing reel  
one hand fishing rod  
holder

## **Flying**

airplane hand control for  
rudder pedal

## **Golf**

amputee golf grip  
golf accessory  
golf grip  
signal beacon for golf hole

## **Racquet and Paddle**

grasping aid for hand  
hand support for ping  
pong paddle  
ping pong ball retriever  
racquet holder

## **Snow and Ice**

bi-ski  
ice sled  
mono ski  
outriggers  
pack sled  
prosthetic terminal device  
for ski pole  
seat attachment for skis  
sit-ski  
ski attachment for crutch  
ski stabilizer  
snow ski sled  
snow wheelchair  
support frame for skating

## **Sports General**

all terrain cart  
ball return net  
grasping aid for hand  
modified frisbee  
terminal device for sports

## **Water**

beach wheelchair  
float swimming aid  
hot tub lift  
movable swimming pool  
floor  
pool lift  
suspension sling  
swimming aid  
swimming pool access aid  
swimming pool parallel  
bars  
swimming pool ramp  
swimming pool removable  
fence  
swimming pool seat  
swimming pool stairs  
water ski  
wet suit vest  
wheelchair for pool

## **TOYS**

adapted music box  
battery interface control  
for toy  
battery operated toy  
bells  
doll  
educational toy  
foam blocks

foam rubber toy kit  
mobile  
puppet  
rocking horse with safety  
seat  
sensory busy box  
sound activated toy  
stuffed animals  
suspension frame for toys  
switch operated toy  
touch activated toy  
toy  
toy fence  
toy holder  
toy telephone  
wheeled push toy

## **SEATING**

### **CAR SEATS**

back support cushion  
base for child car seat  
car back rest  
car bed  
child car seat  
stroller for detachable car  
seat

## **CUSHIONS**

### **Air**

air and foam flotation seat  
cushion  
air cushion padding  
air flotation seat and back  
cushion  
air flotation seat cushion  
alternating air pressure  
flotation seat cushion  
inflatable back cushion  
inflatable ring seat cushion

### **Cushion Covers**

cushion cover  
seat cover for wheelchair

### **Cushions General**

air cushion padding  
back support cushion  
cushion retainer  
decubitus pad  
seat and back support  
seat cushion with  
contoured base

### **Foam**

eggcrate foam cushion  
foam back cushion  
foam ring seat cushion

foam seat cushion  
gel and foam seat cushion  
infant positioning cushion  
polystyrene bead seat  
cushion  
wedge foam seat cushion

## **Gel**

gel flotation seat cushion  
silicore seat and back  
cushion

## **Water**

water and air flotation seat  
cushion  
water flotation seat cushion

## **MONITORS**

head position switch  
posture switch  
pressure evaluation system  
pressure relief aid  
safety monitor  
sensor switch  
timed reminder signal

## **SEATING SYSTEMS**

### **Arm Supports**

add on armrest  
arm trough  
elevating armrest  
lapboard  
lapboard elbow rest  
reclining armrest

### **Back Supports**

back support cushion  
curved back insert  
lumbar support  
solid back insert

### **Foot Supports**

adjustable angle footplate  
ankle strap  
foot support  
footplate pad  
footrest extender  
one piece footboard  
toe strap

### **Head and Neck Supports**

head support  
headrest  
headrest accessory  
neck support

### **Leg Supports**

abductor  
adductor  
calf trough

knee separator  
one piece legrest

## **Pelvic Supports**

lateral hip guide  
padded cover for strap  
pelvic stabilizer  
wheelchair seatbelt  
wheelchair seatbelt  
accessory

## **Seat Supports**

solid seat insert  
web seat

## **Seating Hardware**

brackets  
lapboard mounting  
hardware  
seat or back panel  
seating hardware general

## **Seating Systems General**

foam in place seating  
system  
foam material  
foam strap padding  
infant seating system  
modular seating system  
molded seat  
molded seating system kit  
seat and back support  
seating simulator  
seating system for stroller  
seating system kit  
seating system on wheeled  
base  
vacuum seating system

## **Trunk Supports**

lateral trunk support  
padded cover for strap  
shoulder support  
torso support  
torso support accessory

## **THERAPEUTIC SEATS**

### **Floor Seats**

corner seat  
floor sitter  
floor sitter lapboard

### **Positioning Seats General**

adjustable bench  
back insert  
feeder seat  
feeding chair  
forward tilt seat  
play table  
positioning chair  
posture chair

reclining infant seat  
therapeutic wedge  
therapy treatment chair  
youth positioning chair

## **Straddle Seats**

bolster chair  
straddle seat  
wedge seat

## **TRANSPORTATION**

### **MASS TRANSIT VEHICLES & FACILITIES**

bus ramp  
emergency ramp  
wheelchair lift for commuter  
railcar

## **VEHICLE ACCESSORIES**

### **Automobile Accessories**

adapted wheelchair and  
transfer lift  
assist handle for transfer  
car door mounted transfer  
lift  
car door opener  
car door reacher  
car safety harness  
car transfer aid  
powered seat base  
swivel seat  
transfer lift for car

### **Driving Controls**

#### **Braking and Acceleration Components**

accelerator pedal extension  
accelerator pedal guard  
brake pedal extension  
cruise control  
driving control system  
dual brake for driver  
training  
emergency backup system  
for brakes  
hand control  
left foot accelerator pedal  
one hand drive control  
system  
parking brake extension  
lever  
portable hand control  
powered parking brake  
secondary and auxiliary  
control system  
sensitized brakes

servo hand control for accelerator and brake

**Driving Controls General**

- all terrain vehicle control modification
- auxiliary control system
- driver head position alert device
- driving simulator
- extension lever for accessory control knob
- hand control arm support
- hand control grip
- remote control starter
- riding lawnmower control modification
- ultrasonic proximity alert device

**Shifting and Clutch Controls**

- clutch control extension
- clutch pedal modification
- gear selection extension lever
- hand clutch control
- powered gear selector
- shift lever modification

**Steering Components**

- emergency backup system for steering
- foot steering control
- horizontal steering column
- quadriplegic steering spinner bar
- sensitized steering
- servo hand control for accelerator and brake
- small steering wheel
- steering column extension
- steering wheel spinner
- steering wheel spinner ring for amputee

**Turn Signal and Light Controls**

- electronic directional signal
- extension lever for accessory control knob
- horn switch for hand control
- remote headlight dimmer control
- right hand directional signal extension lever
- turn signal alert device

## Van Accessories

**Van Accessories General**

- adjustable position van seat
- automatic van door control
- distress flag signal

- elevating van seat
- flip up seat
- hardware for wheelchair restraint system
- power floor pan
- quick release seat
- raised van door
- raised van top
- seat belt restraint
- transfer bar for van
- travel chair restraint system
- van modification
- wheelchair restraint system

## Van Lifts and Ramps

- bus lift
- emergency backup system for van lift
- emergency ramp
- mobile home lift
- platform van lift
- remote control for van lift
- rotary van lift
- van lift safety alarm
- van lift without platform
- van ramp
- van step

## Vehicle Accessories General

- car emergency sign
- emergency ramp
- gas cap opener
- key holder
- oil level monitor
- power window control
- rear view mirror
- seat belt extension handle
- seat lift for tractor
- seating restraint
- vehicle emergency alert device

## Wheelchair and Scooter Carriers

- adapted wheelchair and transfer lift
- automobile wheelchair loader
- bumper mounted scooter carrier
- bumper mounted wheelchair alternative carrier
- bumper mounted wheelchair carrier
- bumper mounted wheelchair loader
- car top mounted wheelchair carrier
- car top mounted wheelchair

- loader
- hitch mounted scooter carrier
- hitch mounted wheelchair alternative carrier
- hitch mounted wheelchair carrier
- scooter loader for pickup truck
- scooter loader for van
- trunk mounted scooter loader
- trunk mounted wheelchair alternative loader
- trunk mounted wheelchair loader
- wheelchair alternative loader for pickup truck
- wheelchair alternative loader for van
- wheelchair carrier for pickup truck
- wheelchair loader for pickup truck
- wheelchair loader for van

## VEHICLES

### Automobiles

- adapted automobile with lifter for Amigo
- automobile with ramp

### Recreational

- accessible tractor
- all terrain mini truck
- all terrain vehicle
- motor home

### Vans

- mini van with ramp
- motor home
- public transport van
- van conversion

### Wheelchair Driven

- accessible tractor
- automobile with ramp
- electric vehicle
- mini van with ramp
- motorcycle with wheelchair platform

## **WHEELED MOBILITY**

### **CARTS**

floor sitter with casters  
foot propelled cart  
hand propelled cart  
large wagon  
powered cart  
scooter board

### **MANUAL WHEELCHAIRS**

adult wheelchair  
amputee wheelchair  
beach wheelchair  
child wheelchair  
front wheel drive wheelchair  
hand crank wheelchair  
heavy duty wheelchair  
lever drive wheelchair  
lightweight wheelchair  
low seat wheelchair  
one arm drive wheelchair  
reclining wheelchair  
stand up wheelchair  
stretcher wheelchair  
tall wheelchair  
tilt in space wheelchair  
wheelchair base  
wheelchair for pool  
wheelchair with elevating  
seat  
wheelchair with hinged  
back

### **POWERED WHEELCHAIRS**

add on power unit  
power assist for wheelchair  
powered reclining system  
powered reclining  
wheelchair  
powered stand up  
wheelchair  
powered wheelchair  
powered wheelchair base  
powered wheelchair  
controller  
powered wheelchair with  
elevating seat  
scooter  
stair climbing powered  
wheelchair

### **SPORT WHEELCHAIRS**

beach wheelchair  
racing wheelchair

snow wheelchair  
sport wheelchair  
wheelchair for pool

### **STRETCHERS**

chair stretcher  
child stretcher  
elevating stretcher  
powered stretcher  
self propelled stretcher  
stretcher wheelchair

### **TRANSPORTERS**

all terrain cart  
child transport chair  
emergency evacuation  
carrier  
geriatric chair  
powered stair transport  
chair  
powered stair transport for  
wheelchair  
transfer chair for onboard  
airplane  
transport wheelchair  
transport wheelchair base

### **WHEELCHAIR ACCESSORIES**

#### **Armrests**

add on armrest  
arm trough  
armrest wrist cuff  
elevating armrest  
pivoting armrest  
reclining armrest  
wheelchair armrest pad  
wheelchair armrest  
widening device

#### **Batteries**

battery  
battery accessory  
battery charger  
battery meter  
battery tray  
thermo oil battery

#### **Carrying Accessories**

caddy for wheelchair  
cylinder cart for wheelchair  
luggage rack  
respirator carrier  
under seat pocket  
wheelchair cart  
wheelchair legrest pouch  
wheelchair side pouch

wheelchair thermos with  
long straw  
wire basket for wheelchair

### **Casters**

caster lock  
caster wheel  
suspension caster fork

### **Exercise and Sports**

performance monitor  
snow runners  
speedometer  
steering levers  
wheelchair exercise roller  
wheelchair exercise routine  
wheelchair mobility training  
track

### **Footrests**

adjustable angle footplate  
ankle guard for caster  
ankle strap  
foot protector  
foot support  
footplate  
footplate pad  
footplate rollers  
footrest  
footrest extender  
heel loop  
heel rest  
one piece footboard  
toe strap  
wheelchair bumper

### **Hand Rims**

handrim  
handrim cover  
handrim projection knobs  
handrim spider  
horizontal handrim  
projections  
oblique handrim projections  
plastic coated handrim  
vertical handrim projections

### **Head Supports**

headrest accessory  
hook on headrest

### **Lapboards**

bookholder with lapboard  
lapboard  
lapboard edge  
lapboard elbow rest  
lapboard mounting  
hardware  
lapboard overlay  
swing away lapboard

## Legrests

- amputee leg support
- calf trough
- legrest
- legrest pad
- legrest panel
- legrest strap
- one piece legrest
- powered elevating legrest
- release mechanism for legrest assembly
- swinging detachable elevating footrest

## Powered Wheelchair Accessories

- acceleration and speed limiter
- attendant controller
- battery tray
- joystick holder
- power assist for wheelchair
- powered reclining system
- powered reclining system controller
- powered tilt in space system
- powered wheelchair controller
- replacement power drive
- wheelchair control switch
- assessment system
- wheelchair motor

## Seats and Backs

- commode seat attachment
- elevating seat attachment
- manual reclining system
- reclining wheelchair conversion
- solid back insert
- solid folding seat
- solid seat insert
- tilt in space conversion

## Tires

- flat tire sealant
- flatproof tire insert
- foam core tire
- pneumatic caster tire
- pneumatic tire
- pneumatic tire and wheel
- polyurethane tire
- rubber tire
- semipneumatic caster tire and wheel
- tire cleaner
- tire pump
- wire tied tire

## Upholstery

- cushion retainer
- detachable back upholstery
- heavy duty back upholstery
- heavy duty seat upholstery
- replacement seat straps
- replacement upholstery
- side panel
- slack back upholstery
- zipper back upholstery

## Wheel Locks

- attendant operated wheelchair brake
- incline holders
- wheel lock
- wheel lock extension lever

## Wheelchair Accessories General

- anti folding attachment
- anti tipping lever
- cycle attachment for wheelchair
- extension arm for accessories
- IV rod
- mounting clamp for accessories
- push cuffs
- push gloves
- rocking attachment for wheelchair
- safety flag
- umbrella for wheelchair
- wall protective package
- wheelchair cleaning system
- wheelchair cover
- wheelchair lifter
- wheelchair light
- wheelchair maintenance manual
- wheelchair mobilizer
- wheelchair mounting kit for communicators
- wheelchair narrowing device
- wheelchair repair stand
- wheelchair seatbelt accessory

## Wheels

- amputee conversion kit
- camber plate
- heavy duty spokes
- quick release wheel axle
- rear wheel position adapter
- rear wheelchair wheels
- spoke protector
- tire chains
- wheel bearing adapter kit

wheelchair hub

## WHEELCHAIR ALTERNATIVES

- adult stroller
- caster chair
- powered wheelchair alternative
- powered wheelchair alternative accessory
- scooter
- stroller
- travel chair

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