

# ANNUAL REVIEW 1999



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# DEMAND

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Design & Manufacture for Disability



# DEMAND

Design and Manufacture for Disability

Registered Charity No. 1008128

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The Earl of Snowdon GCVO RDI

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## The Earl of Snowdon GCVO RDI Principal Patron of DEMAND

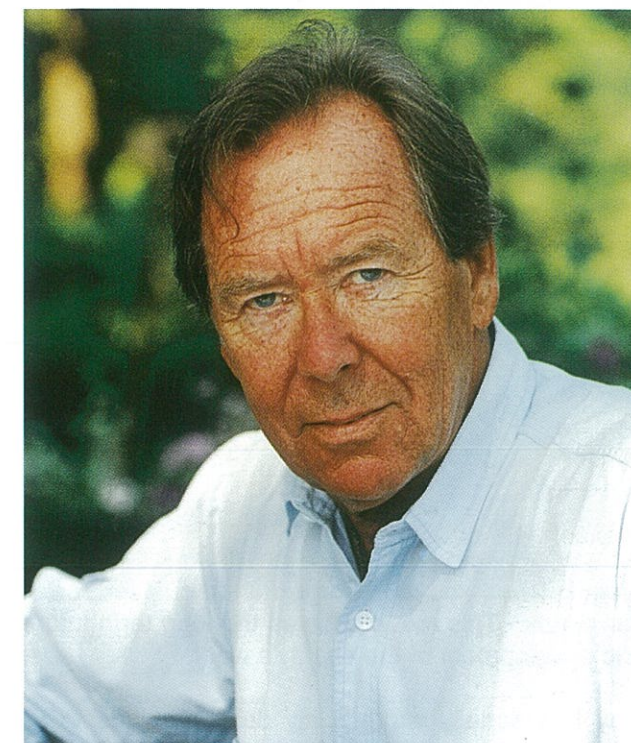
From its beginning in 1980 the charity DEMAND has sought to improve the quality of life for children and adults with severe disabilities. This is achieved through the design and manufacture of unique items of furniture and equipment to meet their special needs, usually when no other solution exists.

The work of DEMAND is wide ranging. The gift of a unique power chair, for example, may enable a disabled person to continue to live independently at home, to work, or return to work, sometimes after a serious accident. As well as making equipment for individual disabled people DEMAND also produces general solutions which have benefited thousands of adults and children since their introduction.

As a Patron of DEMAND since its inception I am pleased to commend to you this Annual Review. I have visited DEMAND's headquarters and well equipped workshops and I am most impressed by the skill and dedication of their designers and craftsmen.

I whole-heartily commend their marvellous work to you for your support.

*Snowdon*





## Chairman's Foreword

This Annual Review highlights some of the work undertaken by DEMAND during 1999. I am pleased to report that through the skill and dedication of our designers and craftsmen we were again able to meet the ever increasing need for our services.

DEMAND: Design and Manufacture for Disability, is a practical charity which creates unique items of furniture and equipment for adults and children with severe disabilities. We make equipment for anyone who has need, regardless of their ability to pay. We try to help all who come to us, however serious their problems. The gift of a special item of furniture or equipment may enable a child to attend school; an adult to have employment; or someone to live independently.

1999 saw the completion of our move to The Old Chapel, Abbots Langley. These larger freehold premises have been converted and equipped for all our needs. This move ensures the long term future and development of the charity's work.

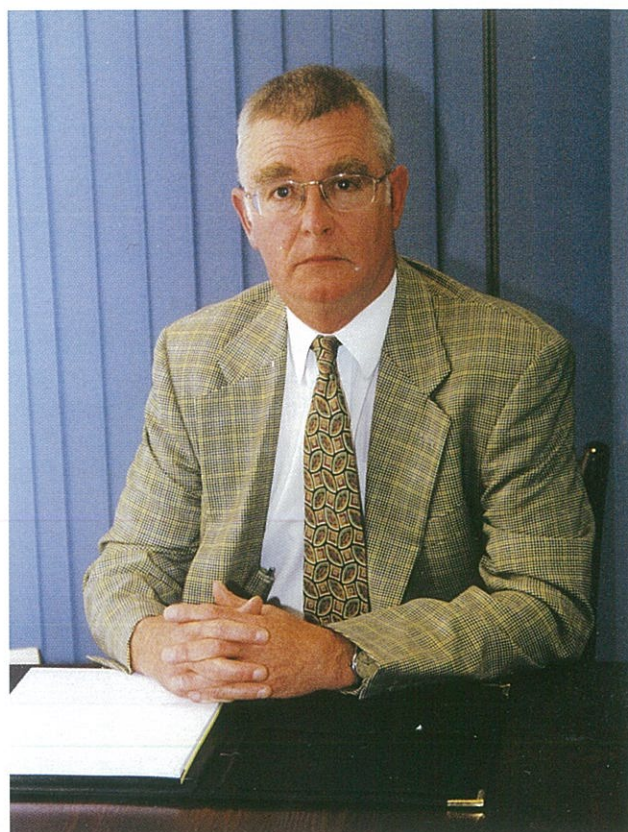
May I personally express my deep gratitude to all those who have given their support in 1999 and in previous years. Our work is now recognised nationally and we receive more requests for our specialist help than ever before.

By the nature of our work, our most significant expenditure every year is the employment of our designers and craftsmen. Our hope for the future is to be able to employ more craftsmen to meet the growing need for DEMAND's services.

As always we extend a warm welcome to you to visit DEMAND to see for yourselves the quality work we undertake on behalf of children and adults with severe disabilities. Please lend your support in whatever way you can.

*Michael Willis*

Michael Willis



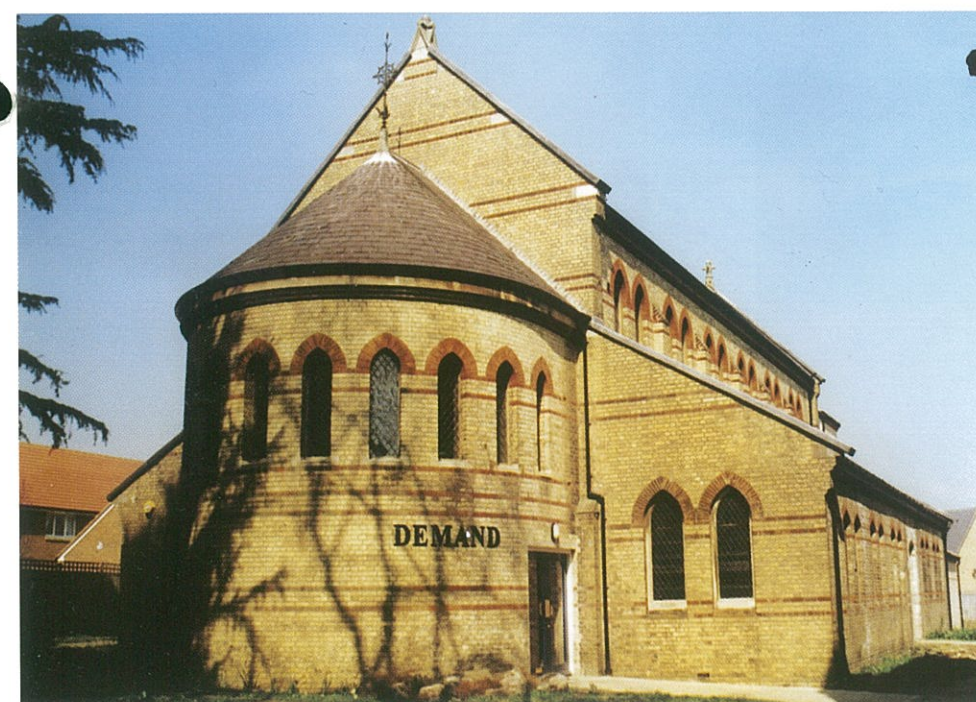
## The Official Opening of DEMAND's new home

The Old Chapel, Abbots Langley was officially opened on Monday 25 October 1999 by Esther Rantzen OBE.

Esther, a Patron of DEMAND since its inception in 1980, was greeted on her arrival by Lord Renton, Patron, and Brian Greathead, Chief Executive, who conducted her on a tour of the workshops where some of DEMAND's projects were on display.



Over 130 friends and supporters of DEMAND, together with doctors, physiotherapists, occupational therapists, social workers and nurses attended this very enjoyable occasion. The day provided guests with the opportunity to see at first hand the work undertaken on behalf of children and adults with disabilities.



The Chapel has been refurbished and converted to workshop use whilst sympathetically preserving its historical reference. A first floor and an extension to the rear have been added. The larger workspace the Chapel provides fully meet DEMAND's current needs and allows for future expansion.

The Chapel is ideally located, being within 2 miles of both the M1 and M25. It is easily accessible for people with disabilities and there is ample parking space.



## Exercise Scooter for Naomi

Naomi is 8. She lives at home in Ruislip, Middlesex. She has cerebral palsy. She cannot walk or stand and can only sit if supported. Lack of exercise was causing her leg muscles, joints and tendons to tighten and stiffen. Her physiotherapist was concerned that Naomi was unable to exercise correctly and asked DEMAND to help.

Our designers visited Naomi and assessed her needs. DEMAND designed and made her an exercise scooter. The frame is made from welded steel tube for strength. It has a broad saddle, with a pommel to ensure good leg abduction. A back rest, fitted with two straps, supports her in an upright posture. The saddle, backrest and handlebars have been padded to ensure Naomi's comfort.

Naomi, her parents and physiotherapist are delighted. Not only does she receive the therapy she needs but she enjoys using the scooter.



## Exercise Scooter for Veronica

Veronica is 10. She has cerebral palsy. She lives at home in Harrow, Middlesex. She cannot stand or walk and needs support when sitting. In 1997 her physiotherapist became concerned that lack of regular exercise would lead to the muscle joints and tendons tightening and stiffening and eventually becoming fixed. She came to DEMAND for help.

DEMAND designed and made Veronica a four wheel exercise scooter. In the two years that she has used the scooter it has greatly helped with her therapy. Veronica has now outgrown the scooter and DEMAND were again asked by her physiotherapist for help.

Our designers visited Veronica to reassess her needs. DEMAND designed and built her a new scooter. It incorporates all of the features of Naomi's scooter and is also adjustable to allow for her growth.

Veronica is delighted with her new scooter as is her mother and physiotherapist.

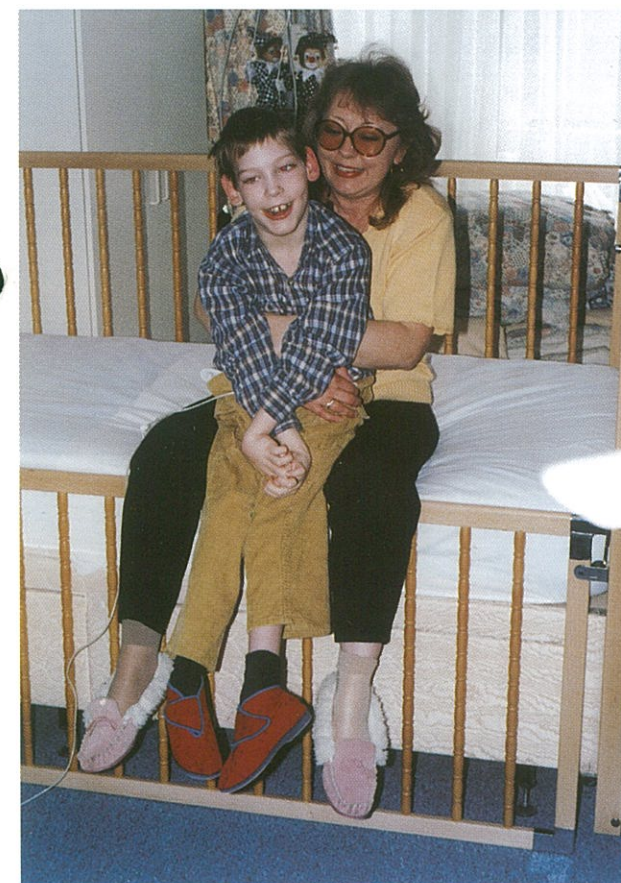
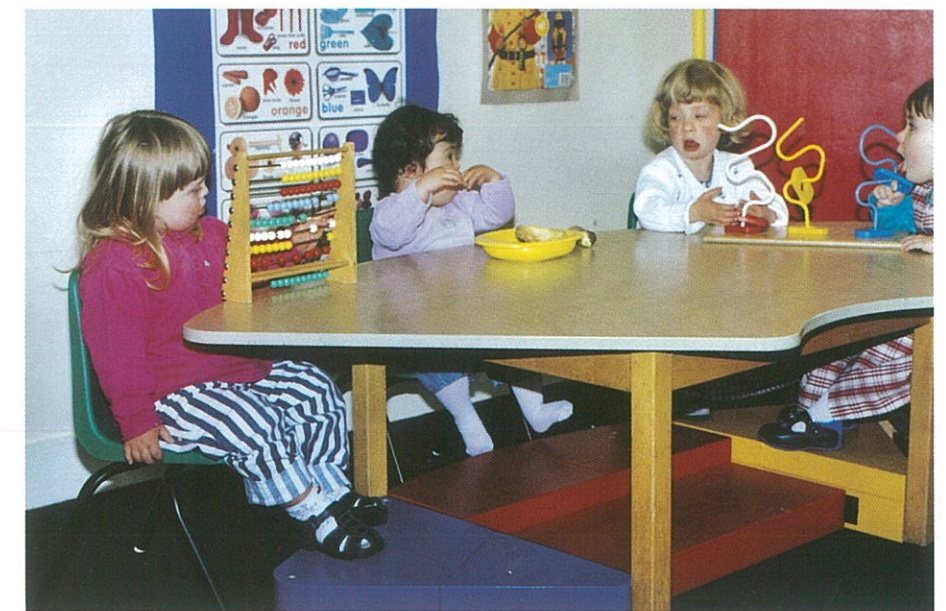


## Special Footrests and Tables

The St. Albans Opportunity Class, for young children with special needs, enjoy group therapy and general education. Activities are carried out around semi-circular tables using standard school chairs. The children, of different ages and sizes, were unable to sit correctly and in comfort. The teachers asked DEMAND to help.

Our designers carried out an assessment at the school. DEMAND designed and made a number of, arc shaped, interchangeable, variable height foot supports. They are constructed of wood and brightly decorated. When fitted together they form a continuous semi-circle of attractive, bright colours under the table. Also the tables were found to be in a poor state of repair and so DEMAND completely overhauled and strengthened them.

The teachers are delighted with the result as the children are now able to concentrate while at the same time sitting comfortably and safe.



## Bed Rails for Peter

Peter is 12 years old. He lives at home in Palmers Green, North London. He has cerebral palsy. He cannot walk. He cannot stand or sit without support. He has uncontrolled movements and spasms and is very restless, especially at night. Peter has outgrown his cot and must now sleep in a bed. His parents and occupational therapist were concerned that if he fell out of bed he would injure himself. They came to DEMAND for help.

Our designers visited Peter at home and carried out an assessment of his needs. DEMAND designed, made and fitted a set of rails which completely surround the bed. The rails are made of beech with turned bars to match the ones he had on his cot. Metal fittings have been used at the joints for strength and one side can be dropped down for access.

The picture shows a happy Peter and his mother with the transformed bed. She is delighted that he will continue to be safe and secure at night.

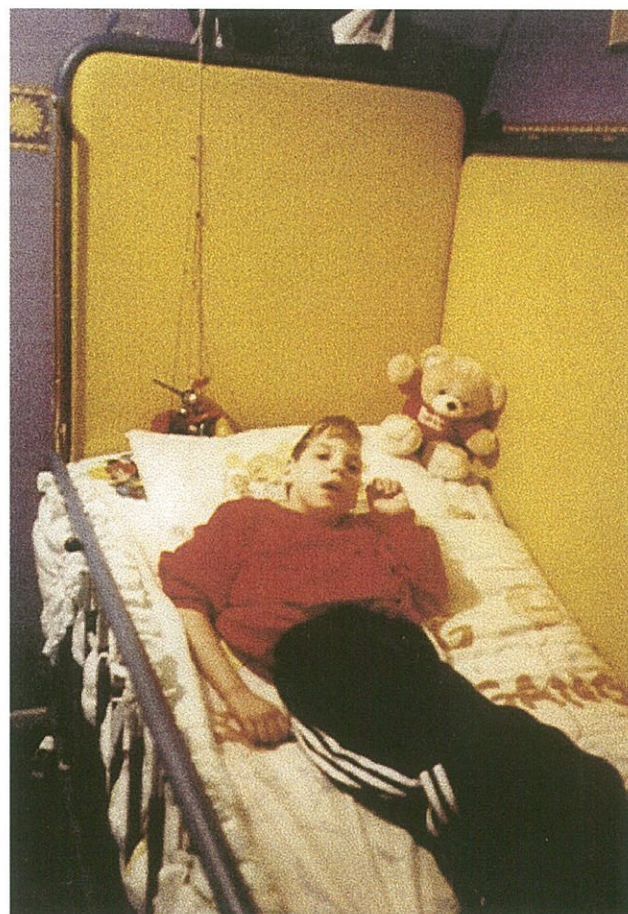


## Bed Safety Rails for Kerry and Sarah

Kerry is 11 and her sister Sarah is 9. They live at home in Welwyn Garden City, Herts. They have cerebral palsy. They are physically disabled and have extreme learning difficulties. Their beds, which were fitted with metal side frames, were inadequate and unsafe as the girls were continually hurting themselves and getting trapped between the rails. Their occupational therapist asked DEMAND to help.

Our designers visited Kerry and Sarah to assess their needs. DEMAND designed, made and fitted two sets of brightly coloured plastic panels. The panels have been moulded to fit over the metal frames and to fill the gaps between the rails.

Their parents and occupational therapist are delighted that both Kerry and Sarah can now sleep safe and secure in bed.



## Special Bed for John

John is 8. He lives at home in Wakefield, Yorkshire. He has cerebral palsy, hydrocephalus, epilepsy and is registered blind. He is fed through a tube in his stomach. When lying down his lungs fill with fluid and he requires regular massage to relieve the congestion. His occupational therapist searched for an adjustable bed which would allow John to be positioned to avoid the congestion. Unfortunately, no such bed existed. Following an appeal on Yorkshire Television DEMAND offered to help.

Our designers visited John to assess his needs. DEMAND recommended the purchase of an electrically operated hospital bed, which we redesigned and rebuilt. The height of the head and foot of the bed can be independently adjusted, using a simple hand held control. This helps to prevent the build up of fluid on John's lungs. To keep him secure high padded sides and ends are fitted. One side is made of telescopic tubular sections which allow it to be lowered and slid under the bed. The whole bed can be raised or lowered, giving John's mother easier access to get him in and out.

John's mother is delighted. She is now enjoying unbroken sleep for the first time in eight years.

## Mono Cycle for Henry

Henry is 7. He lives at home in Tring, Hertfordshire. He has cerebral palsy. He is physically and mentally disabled. Henry's family pursue an active outdoor life and particularly enjoy cycling. When Henry was smaller he was towed in a trailer attached to his mother's bicycle. Henry has now outgrown the trailer. His parents purchased a mono cycle which attaches to the rear frame of an adult bicycle. Unfortunately this was unstable. It gave him no support and he could not reach the handlebars. Henry's mother and occupational therapist came to DEMAND for help.

DEMAND's designers visited Henry at home and assessed his needs. The mono cycle was dismantled. The saddle was replaced with a broader, more supportive seat which incorporates a pommel. A moulded wrap-around body support was made and mounted on a rigid metal frame attached to the cycle. The body support is padded for comfort and covered in washable vinyl. New adjustable padded handlebars were made and fitted. A security strap and special feet restraints were also fitted.

Henry and his family are delighted that they can again enjoy cycling trips together.



## Shower Chair for Sandra

Sandra is 13. She lives at home in Edgware, London. She has cerebral palsy. She cannot walk or stand. She cannot sit without support. She suffers severe spasms and uncontrolled movements. She has swept hips which make her rotate to her right side. She uses a special chair for toileting and showering but as she got bigger and stronger it proved unsatisfactory and unsafe because of her shape, posture and uncontrolled spasms. DEMAND were asked to help by her occupational therapist.

Our designers visited Sandra at home and carried out an assessment of her needs. DEMAND made a number of changes to her existing chair. A special shaped plastic insert was fitted inside the backrest. An adjustable shoulder support was made and fitted. These changes give Sandra a good supportive posture and reduce the effect of her spasms and prevent her rotating. The existing frame and seat edges were padded in a number of areas to prevent her hurting herself.

Sandra's parents are delighted with the chair as they are again able to toilet and bathe her relatively easily and safely.

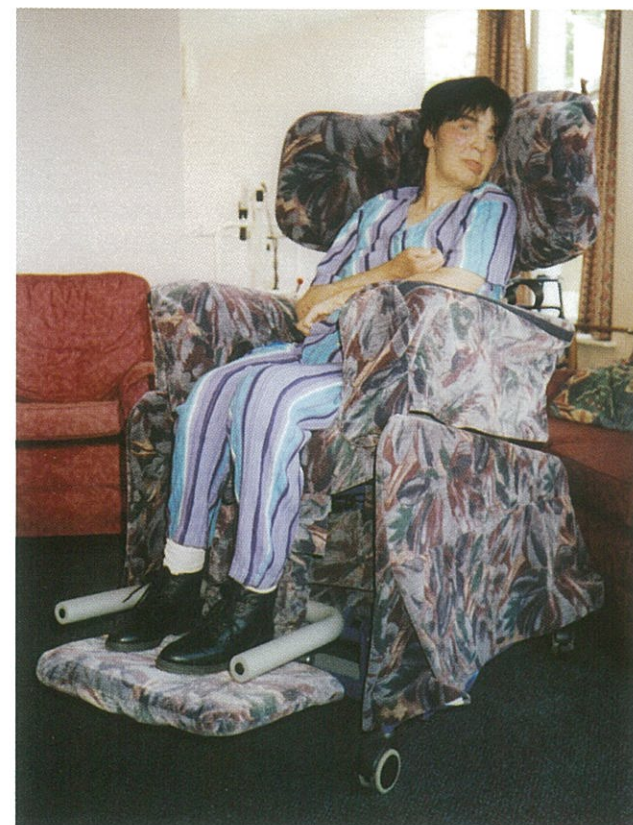


## Special Chair for Margaret

Margaret is 45. She lives in Tottenham, North London. She has severe multiple sclerosis. She cannot stand or walk and has very limited use of her hands, arms and upper body. She has a full time carer. Margaret was unable to sit comfortably in any of the chairs available to her and so was spending up to 20 hours a day in bed. Her occupational therapist and doctor were extremely concerned that her condition would get worse unless suitable seating was found. DEMAND were asked to help.

Our designers visited Margaret at home and carried out an assessment of her seating requirements. DEMAND designed and made a special chair. It is fully adjustable with a reclining back and tilting seat. It has a full length leg support with a footrest. It has adjustable shoulder supports and armrests which drop away for transfer. The chair is upholstered in a washable vinyl. Lockable castors are fitted at the front and large braked wheels at the rear, which allow her carer to move Margaret about the house.

Margaret and her carer are delighted with the chair.



## Special Footrest for Julia

Julia is 65. She lives in sheltered accommodation in St. Albans, Hertfordshire. She is both physically and mentally disabled. Julia uses a special armchair with an attached footrest. Unfortunately, the footrest is inadequate as she is unable to control her legs and they slip off or her feet get trapped between the chair and footrest. Her carers were worried that she could seriously hurt herself. DEMAND were asked to help.

Our designers visited Julia and assessed her needs. DEMAND removed and modified the footrest. A tubular metal foot guard was made and fitted to prevent her feet slipping off or getting trapped. The foot guard is thickly padded to protect her ankles.

Julia's carers are extremely pleased with the modified footrest as there is no longer a fear of her hurting herself.

## Therapy Chair for Vicky

Vicky is 13. She lives at home in Sidcup, Kent. She has an undiagnosed genetic condition and is severely mentally and physically disabled. She has very limited walking ability. Her tendons are contracting and her limb movements are becoming restricted. Her physiotherapist was concerned that her legs would become fixed and she would be unable to walk. DEMAND were asked to help.

Our designers visited Vicky and assessed her needs. DEMAND designed and made a therapy armchair. The armchair is fully adjustable. The back, seat, leg rests and arms are infinitely adjustable to enable small progressive movements of her legs to help prevent the tightening of the muscles and tendons.

The chair frame is made of wood fixed to a rigid steel base. The seat and back cushions are made from variable density foam and upholstered in durable, washable vinyl. The arms can be dropped down to help Vicky to transfer into and out of the chair. Four lockable castors are fitted.

Vicky's physiotherapist is delighted that she is now getting the sustained therapy she needs.



## Therapy Chair for Yusef

Yusef is 14. He lives with his family in Watford. He and his three sisters have a genetic degenerative condition. He cannot walk, stand or even sit without support. In 1995 his tendons started contracting and his limb movements were becoming severely restricted. DEMAND were asked to help by his physiotherapist.

DEMAND made him a special therapy chair. The chair has full incremental adjustment for the back, seat and leg supports and each part can be adjusted independently. By making use of all the adjustments small progressive movements of his limbs can be made, helping to prevent his posture becoming fixed. In 1999 DEMAND were again asked for help as Yusef was now too big for the chair.

DEMAND completely rebuilt the chair. The frame was strengthened and enlarged. The contoured cushions were replaced and the chair reupholstered.

Yusef, his physiotherapist and family are delighted with the chair. Since having it enlarged, his elder sister is also able to use it and benefit from its unique design.



## Computer Keyguard for Susan

Susan is 55. She lives in sheltered accommodation in St. Albans, Hertfordshire. She has multiple sclerosis. Susan enjoys writing letters. She uses a computer as she is no longer able to hold and grip a pen. Unfortunately, she has developed uncontrollable trembling in her fingers which prevents her from not only selecting and typing the correct key but also one key at a time. This caused some distress as letter writing is very important to her and is good therapy for her fingers. Her physiotherapist came to DEMAND for help.

Our designers visited Susan to assess her needs. DEMAND designed and made a special raised cover to fit over the keyboard of her computer. The cover has a finger hole over each individual key which acts as a guide, while at the same time, preventing her from tapping more than one key at a time.

Susan is delighted with her keyboard aid as it allows her to continue with her letter writing while at the same time carrying on with therapy to her fingers.



## Chair Modifications for Gordon

Gordon is 26. He has extreme learning difficulties. He lives in sheltered accommodation in St. Albans, Hertfordshire. Gordon is unable to co-operate in getting into a chair and his carers found great difficulty in seating him at the table for meal times and other activities. They would seat him in a chair, away from the table, and then manhandle the chair to the table. This procedure was unsatisfactory and hazardous for both Gordon and his carers. His occupational therapist asked DEMAND for help.

Our designers visited Gordon and assessed his needs. DEMAND designed, made and fitted a special steel frame to his chair to make it as rigid and safe as possible when being moved. The frame has steel cups which fit onto the foot of each leg. The cups are linked together with steel rods to a central anchor. Lockable castors are fitted to allow the chair to be easily moved.

Gordon's carers are delighted with the frame. Once he is seated in the chair they can move him up to and away from the table with virtually no effort and in complete safety.

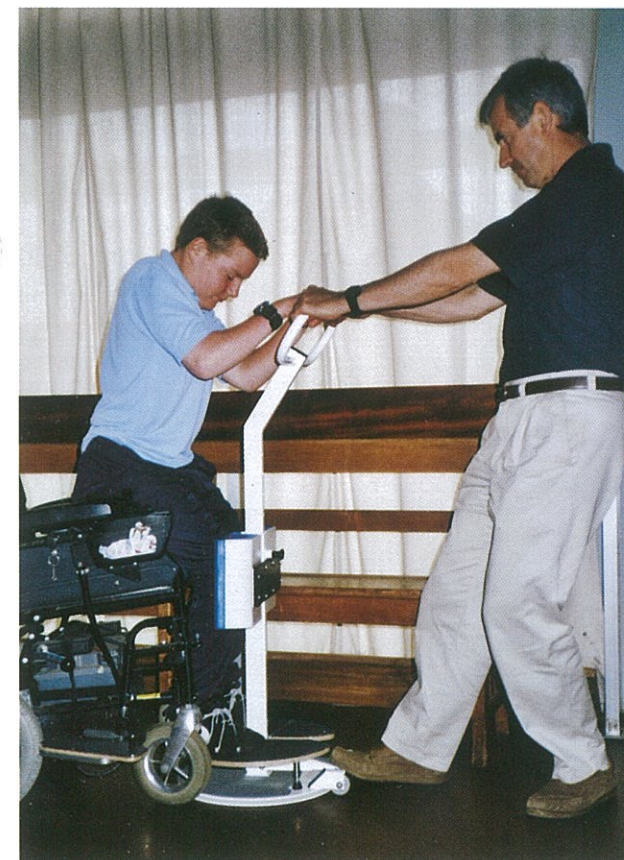


## Walking Frame for Heather

Heather is 16. She lives at home in Kent. She has cerebral palsy. She has some walking ability but must use a walking frame. Unfortunately, her existing walking frame was too small for her to use and although she tried other walking frames this is the only one she is able to manage. To enable Heather to carry on using the frame her occupational therapist asked DEMAND to help.

Our designers visited Heather and made an assessment of her needs. DEMAND were able to adapt her existing walking frame. We were able to increase the height of the frame by fitting an extended set of handles together with a new set of hand grips.

Heather and her mother are absolutely delighted. As her mother says "we have waited two years for a new rollator and you walked in and hey presto! the problem was solved"



## Standing Turntable for Tony

Tony is 13. He attends The Lord Mayor Treloar School in Alton, Hampshire. He has cerebral palsy. He is physically disabled. Tony requires assistance when transferring from his wheelchair. His carers use a standing turntable. Unfortunately his existing turntable was unsuitable and unsafe. DEMAND were approached by his occupational therapist and asked to help.

Our designers visited Tony at the school and assessed his needs. DEMAND adapted his existing standing turntable. A new height adjustable platform was made and positioned above the existing platform to give extra support and stability. A height adjustable moulded plastic knee support was made and fitted. The platform has a fixed non-slip rubber mat for safety and the knee support has been padded for comfort.

The photograph shows Tony successfully using the frame for the first time.

Tony and his carers are delighted as he now feels safe and secure when being transferred.



## Stairguard for Mary

Mary is 3. She lives at home in Welwyn Garden City, Herts. She is autistic and is very active with no concept of physical danger. She is constantly trying to play on the stairs and there is a fear of her falling and injuring herself. Her parents fitted a guard at the top of the stairs but because of the relative position of the walls to the stairs, could not fit one at the bottom. Mary's occupational therapist asked DEMAND for help.

DEMAND designers visited Mary's home and assessed her needs. A special stair guard was designed and installed at the bottom of the stairs. We made a large, metal, hinged gate, fitted with a child proof lock, which we securely fixed in position. The fitting of the existing guard at the top of the stairs was inadequate as the plasterboard walls could not take the stress of the gate being constantly opened and closed. DEMAND overcame this problem by fixing the existing guard to wooden battens which were screwed securely to the walls.

Mary's parents are delighted that she now has the freedom to play without the fear of having an accident on the stairs.

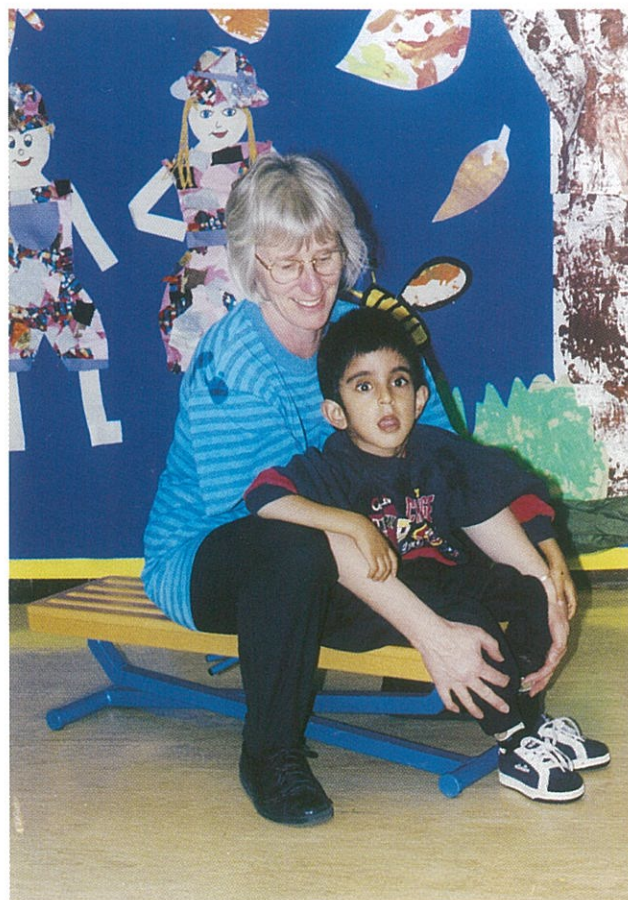


## Therapy Bench for School

Mandeville School is for children with special needs. They use the Bobath Method of therapy for children with cerebral palsy. This includes the child sitting at a specified height to carry out a range of exercises, involving stretching, lying, balancing and bending. Physiotherapists at the school were aware of a therapy bench DEMAND made for the Child Development Centre in St Albans and asked us to help.

DEMAND made them a height adjustable bench to be used as part of their therapy exercises. The bench frame is made from steel tube and is fitted with a slatted wooden top. The height adjustments are made through a hand wheel, positioned under the bench, which can be operated when both the physiotherapist and child are sitting on the bench.

The Therapy Bench is very popular with both the children and their physiotherapists.



## Footguard and Toilet Aid for Bob

Bob is 33. He lives in sheltered accommodation in Rickmansworth, Hertfordshire. He is physically and mentally disabled. His carers use a portable hoist to transfer him. He has uncontrolled spasms and was constantly trapping his feet between the frame and the wheels. His carers were worried that he would eventually hurt himself.

Also, Bob could not use the toilet correctly or safely and required carers to be with him to support him during his toileting. They asked DEMAND for help.

Our designers visited Bob and assessed his needs. DEMAND made a set of moulded inserts for the transfer hoist. They were fitted between the frame and footrest making it impossible for him to trap his feet. DEMAND also made a special seat to allow him to use the toilet correctly and safely. It is moulded from a strong, lightweight plastic. It incorporates a pommel, which keeps the legs apart, and also functions as a splash guard. The seat can be fitted over any standard toilet and clipped in position. After use it can be unclipped and removed.

Bob's carers are delighted with both the transfer aid and the toilet seat as they can now be used with safety.



## Special Chair for Eva

Eva is 23. She has Rett's Syndrome, a degenerative condition which almost exclusively affects girls. She has extreme learning difficulties. She cannot walk or stand and needs support when sitting. Eva lives in sheltered accommodation during the week and spends weekends and holidays at home. Her special seating in the sheltered accommodation is unsuitable for use at home. Her occupational therapist could not find a suitable chair and came to DEMAND for help.

Our designers visited Eva at home and assessed her individual needs. A standard chair was purchased which DEMAND modified. The chair frame was reduced in width and the back frame lengthened. Struts were added to the legs for increased stability and strength. A hinge and locking mechanism were fitted to one arm to allow it to be lowered for transferring. Wheels were fitted to the front legs to allow it to be pushed up to the dining table, whilst Eva is seated. The seat and back cushions are upholstered in a washable vinyl.

Her mother is extremely pleased with the chair as it gives Eva alternative comfortable seating to her wheelchair when she is at home.



## Other Projects

### Bidet Remote Control for Samantha

Samantha is 16. She lives at home in Wheathamstead, Hertfordshire. She has cerebral palsy. DEMAND designed, made and fitted a remote control on her existing toilet frame that allows her to operate the bidet functions.

### Play Area Modifications for Vito

In 1997 DEMAND designed, made and fitted a safe play area for Vito who is 6 and lives in St. Albans. Vito has the habit of kicking at the polycarbonate panels which resulted in them becoming loose. DEMAND remade the frames and strengthened them.

### Toilet Frame for Edward

Edward is 7. He lives at home in Walton on Thames, Surrey. He has cerebral palsy. He cannot stand, walk or sit unsupported. DEMAND designed and made him a toilet frame. It has a moulded seat, a pommel, chest support and velcro straps for his security.

### Children's Pen Holders

Many children with cerebral palsy and other disabilities are unable to hold small items such as pens. Individual large moulded handles with metal grips to hold standard pens, pencils or brushes, were designed and made for each child.

### Shower Rail for Muriel

Muriel is an elderly resident in sheltered accommodation in St. Albans, Herts. She has limited ability and movement and needs constant care. She requires assistance when showering. DEMAND made and fitted a framework to her shower to allow her carers to reach into the shower to assist Muriel without getting wet themselves.

### Footrest for June

June is 24. Following a motor cycle accident one of her legs is shorter than the other. This makes sitting very uncomfortable for her. DEMAND made her a special footrest.

### Bed Rails for Peter

Peter is 42. He has spina bifida and is severely physically and mentally disabled. He lives in sheltered accommodation in Hemel Hempstead, Herts. He slept in a hospital bed with inadequate safety rails which did not prevent him from falling out. DEMAND made and fitted more adequate rails.

### Cooker Guards for Arthur

Arthur is 45. He lives in sheltered accommodation in Hemel Hempstead. He has poor balance and is constantly seeking support with his hands. DEMAND made him a cooker coverguard to prevent him burning himself, when he uses the cooker for support.



### Ramps for Vito

Vito is 6. He has cerebral palsy. He has a special wheeled chair which his mother uses to take him about the house. Unfortunately the rooms are on different levels. DEMAND made and fitted special ramps to overcome the problem.

### Special Bath Seat for Mrs. Flanagan

Mrs. Flanagan is in her early seventies. She lives with her family in London Colney, Herts. She has emphysema. She has extreme difficulty getting in and out of the bath. DEMAND designed and made her a special bath seat to fit her corner bath.

### Bed Adjustments for Donna

Donna is an elderly resident living in sheltered accommodation in Watford, Herts. She is severely mentally and physically handicapped. She would crawl under her special bed and interfere with the mechanism. DEMAND lowered the bed so that she can no longer interfere with the mechanism.

### Commode for Eunice

Eunice is 65. She has extreme learning difficulties. She lives in sheltered accommodation in Abbots Langley, Herts. DEMAND made and fitted a new supportive seat for her commode.

### Toilet Frame for Nourim

Nourim is 35. She lives in sheltered accommodation in Hemel Hempstead, Hertfordshire. She has cerebral palsy and extreme learning difficulties. Nourim was unable to use the existing toilet frame. DEMAND adapted her frame so that she could use it.

### Toilet Seat for Yvonne

Yvonne is an elderly lady. She lives in sheltered accommodation in Berkhamstead, Hertfordshire. She cannot walk and uses a wheelchair. The seat was broken on her commode and no replacement seat could be found. DEMAND made and fitted a new seat which is vacuum formed from plastic.

### Commode Changes for Anne

Anne is 70. She lives at home in Rickmansworth, Hertfordshire. She has severe arthritis and cannot walk. She is a very large lady. Her commode seat was too small and had broken. DEMAND made and fitted a larger and stronger seat to her commode.

### Chair Raiser for Mrs. Diffey

Mrs. Diffey is in her mid seventies. She lives in St. Albans. She has severe arthritis. She uses a manual reclining armchair. She now has difficulty getting in and out as it is too low. DEMAND designed, made and fitted a base frame, which raises the chair to a more suitable height.

### Chair modification for Mark

Mark is 35. He lives in sheltered accommodation in Rickmansworth, Hertfordshire. He has severe learning difficulties. Mark requires constant care. DEMAND fitted wheels to his chair to allow the staff to move him about and get him to and from the dining table.

DEMAND also helped many other disabled people to locate the special equipment they needed. Advice was sometimes given in reply to a telephone enquiry but more frequently resulted from our visiting the client at home and assessing their needs. We advised over a hundred clients in this way.

## Staff Associates

Ron Currell, Operations Manager  
Alan Stokes, Finance and Fundraising Manager  
Sandra Farr, Administration  
Brian McGirr, Designer  
Paul Malloy, Designer and Craftsman  
Charles Knee, Craftsman  
Kelvin Scott, Craftsman  
Gordon Tapping, Craftsman  
Anthony Tribe, Craftsman  
Barry Spinks, Craftsman

## Project Committee

Thomas Mercer, Chairman  
Michael Warr, Deputy Chairman  
Ron Currell, Operations Manager  
David Smith, Trustee  
Alan Spindler, London Guildhall University



### Commode Chair Adaptions for Geraldine

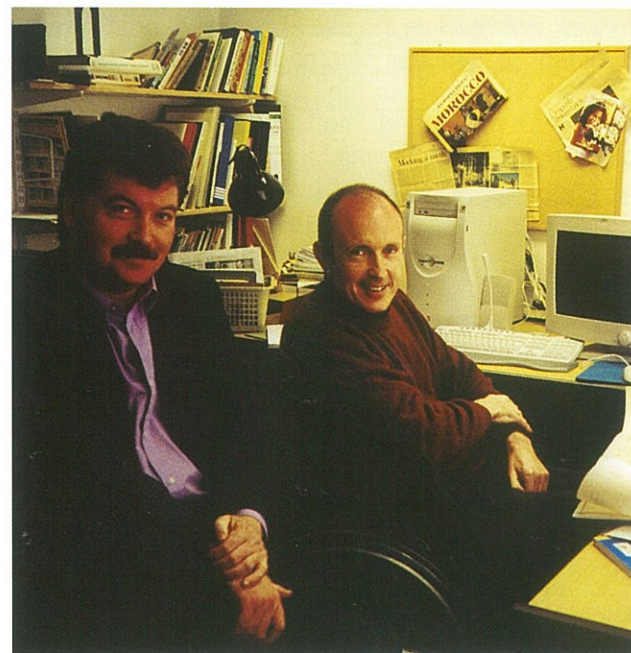
Geraldine is 65. She lives alone in Rickmansworth, Hertfordshire. She had a severe stroke and is unable to walk and has lost the use of her left hand. She was reluctant to use her commode chair, as she once caused the chair to tip over when transferring. DEMAND made and fitted brackets and fixed the chair securely to the wall.



## The London Guildhall University

DEMAND awards prizes to students from the London Guildhall University for outstanding achievement and innovative design whilst working for their MA's on the "Design Research For Disability" course.

First prize in 1999 was awarded to Meike Bechtel for her design for a "Flexible Component Kitchen System". The kitchen was for use in an occupational therapy department. It allows for the arranging of individual units to simulate the patients own kitchen in a hospital environment.

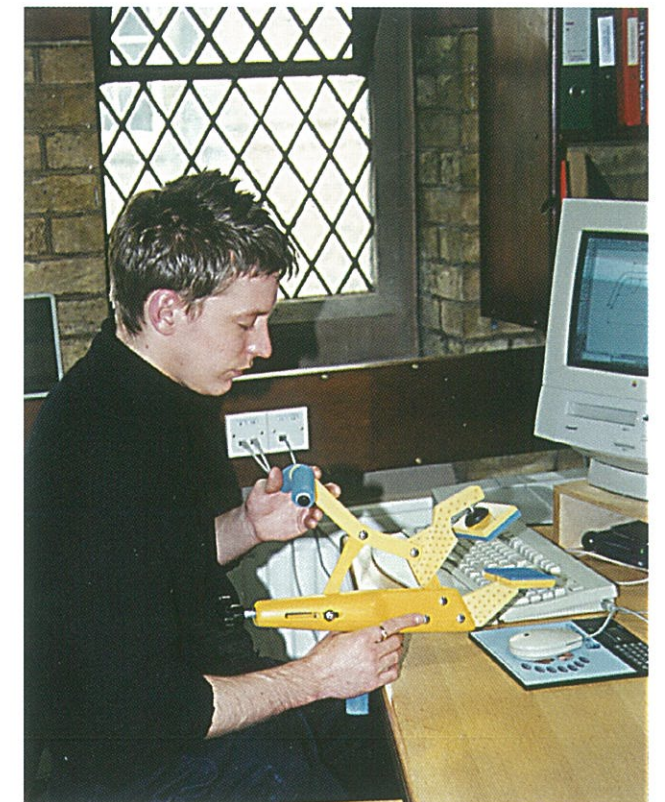


Second prize was awarded to Paraig O'Brien for his dissertation on "Perspectives on whether Housing Design Guidance recognises the needs of disabled people with severe mobility impairments and their carers". His research concentrated on current housing design standards and the promotion of the needs of disabled people and their carers in society.

## Student Support

DEMAND encourages design students to be aware of the needs of disabled people. Students from Brunel, Southbank, Trent and DeMontford Universities have completed work placements at DEMAND as part of their degree course.

Robin Harbin, a third year student at Trent University, Nottingham, reading Product Design, was awarded a placement for the year 1999/2000. During his placement he designed and made an aid for Janet.



Janet is 52. She lives at home in Wheathamstead, Hertfordshire. She is tetraplegic as a result of an accident. She has limited movement in her left arm but very little strength and cannot move her fingers. She was unable to pick up videocassettes and insert or remove them from her recorder. Her occupational therapist came to DEMAND for help.

Robin, accompanied by one of our designers, visited Janet to assess her needs. Robin designed and made her a special aid. Made from lightweight plastic, it lays on top of her left hand and the handle, instead of being gripped, rests between her thumb and fingers. By operating a lever with the wrist of her right hand, a set of padded jaws grip the cassettes gently but firmly allowing Janet to pick them up, insert them into the video recorder then remove them when finished.

Janet is delighted with her aid as she is now able to enjoy her videos without relying on others.

Robin gained a great deal of experience in designing for disability during his placement and satisfaction from completing this worthwhile project.



## DEMAND

Design and Manufacture for Disability

### Income and Expenditure Account for the year ended 31 December 1999

GENERAL FUND	1999 £	1998 £
<b>INCOME</b>		
Donations	205,335	151,860
Untaxed Interest	9,131	23,126
Royalties	1,080	1,085
Income Tax recoverable	5,673	2,091
Sales	28,562	17,703
	<u>249,781</u>	<u>195,865</u>
<b>EXPENDITURE</b>		
Cost of Sales	12,728	4,252
Student support	3,471	2,406
Staff costs	162,383	155,358
Professional fees	2,850	2,700
Workshop and design expenses	33,308	32,117
Administration expenses	14,176	15,682
Depreciation and Amortization	5,821	2,966
	<u>234,737</u>	<u>215,481</u>
<b>SURPLUS (DEFICIT) FOR THE FINANCIAL YEAR</b>	<u>15,044</u>	<u>(19,616)</u>
<b>OTHER FUNDS</b>	<b>1999</b>	<b>1998</b>
<b>Building Fund</b>		
Income	43,975	296,460
Expenses*	—	—
<b>Workshop and design salaries</b>		
Income	20,000	20,000
Expenses*	(20,000)	(20,000)
<b>Paddy Renton Fund</b>		
Income	—	—
Expenses	(92)	(1,374)
<b>SURPLUS (DEFICIT) FOR THE FINANCIAL YEAR</b>	<u>43,883*</u>	<u>295,086*</u>

\* Resources expended for the year do not take into account the capital expenditure on the new premises. This capital expenditure represents a long term resource of the charity with an ongoing value. The total income from the Building Fund has been expended and appears as a fixed asset in the balance sheet.

### Balance Sheet as at 31st December 1999

	1999 £	1998 £
<b>FIXED ASSETS</b>		
Tangible Assets	<u>523,140</u>	<u>483,401</u>
<b>CURRENT ASSETS</b>		
Stock	6,099	4,164
Debtors	13,402	31,005
Cash at bank and in hand	<u>217,060</u>	<u>197,321</u>
	<u>236,561</u>	<u>232,490</u>
<b>CREDITORS</b>	<u>(44,207)</u>	<u>(59,323)</u>
<b>NET CURRENT ASSETS</b>	<u>192,354</u>	<u>173,167</u>
<b>TOTAL ASSETS LESS CURRENT LIABILITIES</b>	<u>715,494</u>	<u>656,568</u>
<b>RESERVES</b>		
Other Funds		
Paddy Renton Fund	9,953	10,045
Building Fund	473,308	429,333
General Fund	<u>232,233</u>	<u>217,190</u>
	<u>715,494</u>	<u>656,568</u>

These financial statements are not the company's statutory accounts, which have been finalised and reported on by the auditors under section 235 Companies Act 1985. The auditors' report contained no qualification. The financial statements contain details of the company's affairs at 31 December 1999 and of the excess of income over expenditure for the year ending on that date presented in the same format as previously used. Statutory accounts for the year ending 31 December 1999 have been delivered to the Registrar of Companies and the Charity Commissioners.

  
Hon Treasurer/Director  
D H R Smith

Full Accounts which have been audited by Herbert Pepper and Rudland are available on request from the Company Secretary.

## WAYS OF HELPING DEMAND

There are many opportunities for giving your support to our work in aid of children and adults with disabilities.

### BY CHEQUE OR CREDIT CARD

Please send your donation, no matter how small, to DEMAND. Please use the reply slip below to make your gift.

### BY GIFT AID - COMPANIES

The company deducts basic rate income tax from the payment and accounts for it to the Inland Revenue. As a registered charity, DEMAND is exempt from income tax and can recover the tax deducted by the donor. The gross amount of the payment is allowed against the company's profits.

### BY GIFT AID - INDIVIDUALS

An individual may also use this scheme for a gift. This gift is made net of basic rate tax and DEMAND claims repayment of the tax from the Inland Revenue. Higher rate taxpayers can claim additional tax relief at 18 per cent via their tax return. A gift of £312 only costs you £240, but DEMAND receives £400 in total.

### BY A DEED OF COVENANT

A promise to pay a specified sum over an agreed period of at least four years. DEMAND can recover tax at the basic rate on your covenant, provided that you are a tax payer. You may wish to make an annual payment, or prefer to spread your contribution on a quarterly or monthly basis.

### BY GIVE AS YOU EARN

If your employer operates a payroll giving scheme, you can arrange with them to deduct a regular gift from your gross pay in favour of DEMAND. This is a tax efficient way of giving. Our registration number is 000000389.

### BY A LEGACY

Leaving a bequest to DEMAND. Why not remember us through your will?

### BY A SPECIAL GIFT

You may wish to give for a specific project. We would be only too pleased to discuss this with you.

to:	DEMAND	Please send a Company Gift Aid form	<input type="checkbox"/>
	Design and Manufacture for Disability		
	FREEPOST SB408	Please send an Individual Gift Aid form	<input type="checkbox"/>
	ABBOTS LANGLEY		
	Herts	Please send a Deed of Covenant	<input type="checkbox"/>
	WD5 0WD		

I wish to donate by credit card/CAF Charity Card. Please debit my Visa/Access/Charity Card for the sum of:-

£ \_\_\_\_\_ ( \_\_\_\_\_ )  
My card No is: \_\_\_\_\_ Expiry date \_\_\_\_\_

Name.....  
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