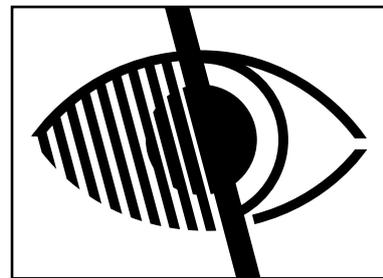


# OCULUS



**SPRING/SUMMER 2014**

OCULUS *n.* latin for eye. *pl.* oculi.

## Technology old and new!



**Synaptic mobile phone review**



**A history of CCTV readers**



**NEWS • ADVICE • PRODUCTS**

**THE MAGAZINE OF THE PARTIALLY SIGHTED SOCIETY**

**[www.partsight.org.uk](http://www.partsight.org.uk)**



0845 576 0 576 [www.synapptic.com](http://www.synapptic.com) [sales@synapptic.com](mailto:sales@synapptic.com)

Set yourself free, with our stylish, light and portable **Smartphones & Tablet Computers!**

- ✓ Easy-to-use
- ✓ Quick-to-learn
- ✓ Affordable

Screen sizes from  
3 to 10 inches!  
Starting at just £199

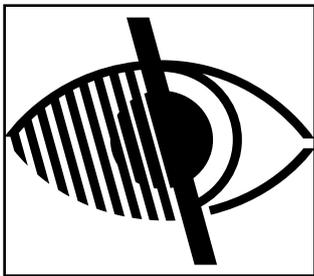


An all-in-one product including:

Calls, Emails, Text Messages, Video Calls, Calendar, Address Book, Video Magnifier, Scan and Read, Web, Voice Control, YouTube, BBC iPlayer, Music Player, Internet Radio, Camera, GPS, Note Pad, Adjustable Colours, Speech & Magnification and lots lots more!

**Available from The Partially Sighted Society**

# OCULUS



## CONTENTS

*Spring/Summer 2014*

<b>Editorial.....</b>	<b>2</b>
<b>News • Products.....</b>	<b>3</b>
<b>Tech Review • Synaptic software.....</b>	<b>4</b>
<b>History of CCTV readers.....</b>	<b>9</b>
<b>For your information.....</b>	<b>14</b>
<b>What's happening in Havering.....</b>	<b>16</b>
<b>From the kitchen table .....</b>	<b>18</b>
<b>Crossword.....</b>	<b>20</b>

**Editorial Address: PSS (Oculus), 1 Bennetthorpe, Doncaster, DN2 6AA**  
**e-mail: [anita.plant@partsight.org.uk](mailto:anita.plant@partsight.org.uk)**  
**website: [www.partsight.org.uk](http://www.partsight.org.uk)**

**OCULUS is the large print magazine published, printed, and distributed by The Partially Sighted Society on a non-profit making basis as a service to its Supporters and to other subscribing individuals and organisations.**

**The Symbol of Visual Disability is a copyright design of The Partially Sighted Society and may only be used in circumstances approved by the Society.**

**© The Partially Sighted Society 2014. All rights reserved.**  
**No part of this publication may be reproduced without the prior permission of the publisher.**  
**Printed and published by The Partially Sighted Society, 1 Bennetthorpe, Doncaster, DN2 6AA**

# Editorial

Welcome to the Spring edition of Oculus. When we moved into our new premises 2 years ago we had good intentions of having a sort out of all the miscellaneous boxes and equipment that had been moved from premises to premises over the 40 years that PSS has been in operation. As is so often the case, the boxes remained unopened and were stored in the loft along with our good intentions. Some weeks ago we finally got around to opening the boxes and found a treasure trove of low vision equipment. Some dating back many years. I thought I would share some of our discoveries with you and take a look at the history of CCTV and readers for the visually impaired. Read about our discoveries on page 9.

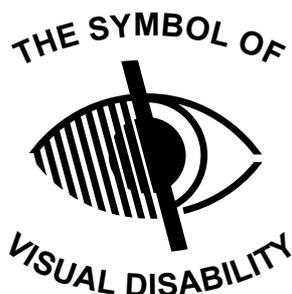
In this issue we also have a user review of the Synapptic software for Samsung phones and tablets. If you would like to contribute an independent review of a product or service you have found helpful I'm sure our readers would find it interesting. I know I would!

Anita  
Editor

email: [anita.plant@part sight.org.uk](mailto:anita.plant@part sight.org.uk) or give me a call on 0844 477 4966



**The Partially Sighted Society**  
[www.partsight.org.uk](http://www.partsight.org.uk)





## Thumbs up to First Bus, South Yorkshire

The Partially Sighted Society and First Bus are working together to make travelling by bus in South Yorkshire a positive experience for people with a visual impairment.

Neil Bailey, Staff Manager at First Bus, Doncaster has listened to the complaints put forward by members of our support group and is taking them seriously. On Monday 9th June the Partially Sighted Society are providing an awareness training day for First Bus drivers.

Wearing simulator glasses of the different types of visual impairment, the drivers will experience first-hand what it is like to be a partially-sighted passenger. Members of the partially sighted community will be on hand to share their experiences, good and bad, with the drivers.

Watch this space!

## Portable LED Z-light



This innovative bright LED light with two settings is lightweight and portable due to its unique 'Z' fold design.

**Code : LLEDZ01     £36.00**

.....

## Alto 2 talking mobile phone



The Alto 2 talking mobile phone is easy to use and is also available in bright orange for visibility.

**£130.00**

**Code : A177     excl. VAT**

# Tech Review

## Samsung Galaxy Note 6 with Synapptic software

by Tony Corbett



The phone in this review is the the Samsung Galaxy Note II and the 6 denotes the largest model with a 6 inch screen. Synapptic have overlain the device's Android operating system with their own Assistive software to create a phone that is intended for the basic needs of people with a visual impairment.

In so doing it should be noted that, although the Android system can still be accessed the phone cannot be operated in the Synapptic and Android modes at the same time. This means that there are features of either mode that are unavailable in the alternate mode. So, for example, the apps that are available in

Android are not available in the Synapptic mode. With regard to the Samsung device I have found it to be very satisfactory in operation, of pleasing appearance and with a good battery life. It should be noted that the screen is very sensitive and inadvertent operation is easily incurred in the single tap mode. It is true that other options are available but I still prefer the single tap. The avoidance of inadvertent operation comes with practise and this is helped by the use of a suitable case for the phone (not supplied). In this review I shall confine my comments to operations in the Synapptic mode.

## **1. The Screen and Navigation**

Each screen displays a number of operations, the precise number depends both on the context and the zoom level selected so that, for example, at zoom level 7 a maximum of 4 operations is displayed.

Each operation being signified by an icon typified by a single capital letter together with a description in script.

The colour and contrast of these icons is configurable with the default option being black on yellow – this being the one that suits me best.

With my present level of disability I am easily able to operate the phone visually but for people with greater impairment there are two other excellent features that make the phone still easy to operate.

The first of these is the audio feature whereby whenever a screen item is touched the voice identifies it. The volume of this sound is easily adjustable to suit various circumstances and also can be used in conjunction with an earpiece.

The second feature lies in the fact that if a screen item is touched and the finger is kept in contact with the screen the voice will say what the item is but no action follows unless the finger is taken from the screen.

Let's assume that the screen cannot be seen at all and that the user wishes to send an e-mail.

To do this, the third item on page one of the Main Menu will need to be located. To find the correct page simply put a finger on the top edge of the screen to hear what page is displayed. If you are not on the right page, keep the finger in contact with the screen and move the finger to the top left corner of the screen whereupon a high pitch beep will be heard together with the announcement 'cancel and go back'. On hearing this remove the finger and the previous page will automatically be selected. Repeat this until you hear 'main menu page one'. Then proceed as follows:

Place the finger at the top as before and then start to slide the finger down the screen and the following will be heard:

- Make a call, then
- Text messages, followed by
- Emails

At this point remove the finger and the e-mail menu opens with an appropriate announcement.

This procedure applies in principle to navigate to any required operation and is very easily learned.

Exactly the same procedures apply to the use of the key pads needed for typing and dialling.

## 2. Making a Call

In this menu there are two available options. The first is to dial the required number; the second is to use the Address Book to directly dial a contact. Both of these methods work with one very important exception.

Once the number starts to ring the keypad is not displayed and if the caller hears 'ring 1 for this or ring 2 for that' then the selection cannot be made and the call cannot be completed. This situation is now very common so this problem is significant. To overcome the difficulty whilst using this same phone the caller will have to go into the Android mode which at best is irritating and at worst may not be possible for someone with great impairment. To my mind this is unfortunate as otherwise the phone can be operated literally with eyes closed; therefore I would urge Synapptic to resolve this as a matter of urgency. If this proves to be difficult as a short term measure they should look to see how best the switch over from Synapptic to Android can be speeded up. At the moment the procedure is unnecessarily lengthened by protracted warnings.

There is a third item in this menu; namely Recently Called. This is useful as it shows calls

both made and received and can be used to quickly make a call to someone that you have spoken to recently. It would be even more useful if a new number in this log could be automatically transferred to the Address Book if required thus saving the laborious task of doing this manually.

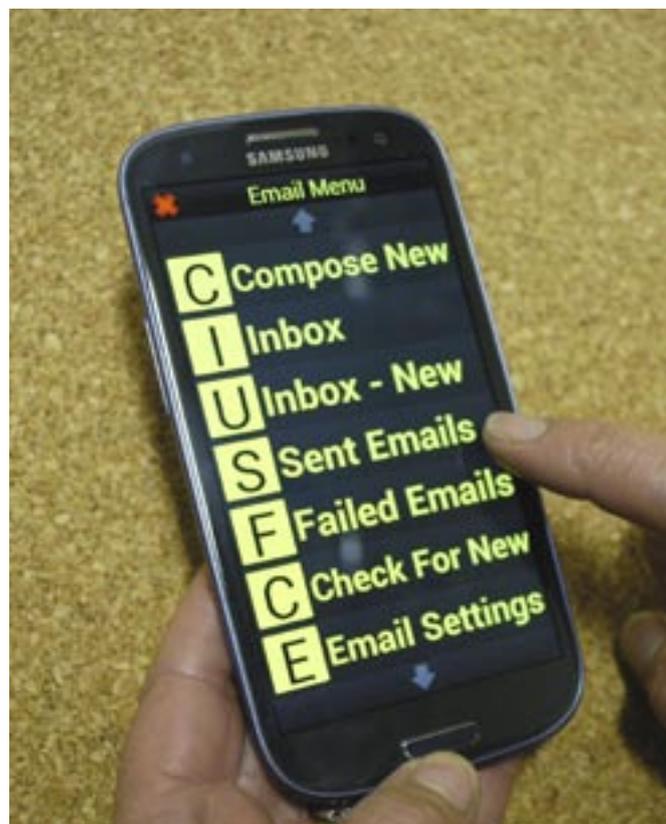
## 3. Sending a Text Message

This works so well that even I can send a text!

## 4. E-mails

The software allows the phone to be set up for e-mailing by simply entering a full name; e-mail address and password.

From this info the required settings are configured automatically. Unfortunately



this only applies to some service providers, which does not include mine. In this case the settings have to be entered manually. So far I have not been able to make this work! So I cannot comment upon this operation but I do have reason to believe that it will work perfectly ok. If you were to consider buying the phone make sure that you check before purchase.

## **5. Skype**

I have had no opportunity to try skypeing so I have no comment.

## **6. Address Book, Voice Memos, Notes, Camera and Web Browser**

These all work well and are easy to use; although not all pages in the browser are magnifiable, but neither are they in Android mode.

## **7. Voice Control**

Again, this is ok.

## **8. Toolbox**

This contains seven items of which the Magnifier, Where Am I?, Torch, Compass and Spirit Level are all ok. The Scan and Read function is a disappointment. The intention is that it photographs a page of typescript and then reads it aloud, and so this would be a very valuable asset.

So far I have been rarely able to get this to work.

But this may be because I am not doing it right!

The Colour Identifier again seems only to be intermittently effective.

## **9. Phone Info.**

I have found no problems with any of the items in this menu.

## **10. Entertainment and Social media**

Apart from listening to the radio a couple of times, which was ok, I seem unable to get tv reception, This may be due to my internet connection rather than the phone. I have not tried Youtube or Facebook.

## **11. Suggestions for layout**

If one looks at the Missed Calls item, which is in Phone Info, even before it is opened there is an indication of the number of missed calls. This is useful info that would be better placed as a separate item on Main Menu, page 1. Likewise it would be very helpful if there were to be entries for New Text Messages and New E-Mails. If this was the case this info would then be all in one place and immediately apparent. If Make a Call and Voice Control were added the phone could be operated essentially from this one page.

## **12. Conclusion**

**I see this combination of Synapptic software and the Samsung Note as close to being an excellent tool for helping visually impaired persons to keep in touch with today's world. If the changes that I advocate could be made I would consider that it would be hard to beat. Indeed, I suspect that the market for this device might not be confined to VIP's as already several unimpaired people have said to me that they wished that they had one!**



### **Response from Adrian Sach at Synapptic**

- 1. This review is for the largest 6 inch phone.**
- 2. We have recently enhanced Synapptic to allow a number pad screen to show for partially sighted users. The complications with this have been caused by an Android security policy, that affects all software running on Android. We are currently in conversation with Google about this.**
- 3. Automatically add new numbers: Synapptic has recently been enhanced - numbers in the recently called list can now be automatically added to the address book.**

**4. Emails. Synapptic is compatible with just about every email provider. For more unusual email addresses, our technical support team can help with finding the correct settings, when our automatic system does not recognise the email address.**

**8. Toolbox. Scan and Read requires an Internet connection in order to work. This is an amazing, quick and very accurate feature. I believe the reviewer did not have their phone connected to a reliable Internet connection, which caused it to not work.**

**10. Entertainment. As with Scan and Read, a reliable Internet connection is required to watch TV, BBC iPlayer or YouTube on the phone.**

**11. Layout. The latest version of Synapptic includes a new Grid layout option. This places all items from the Main Menu on one screen in a grid, and means any main menu option can be selected with just one touch.**

**12. Conclusion. It should be noted that the phone being reviewed is just one in a range of Synapptic Smartphones (and Tablet computers), starting from just £199. I think the reviewer had not updated the Synapptic software recently, meaning several new and enhanced features were not available.**

# Blast from the past - CCTV

With spring in the air we decided it was time to have a spring clean at PSS which turned into a look back into the past as we unearthed CCTV technology from years gone by. I thought I would share some of our findings with you and some of the history of the CCTV reader.

## History of CCTV

The concept of CCTV was first used in WW2 in Germany for observing the launch of V-2 rockets. However, the pioneer of CCTV technology for use as an aid for partially sighted people was a mathematician and inventor called Samuel Genensky. The mathematician's eyes were burned shortly after birth when a delivery-room nurse accidentally administered the wrong eyedrops to guard against infection. As Genensky grew older he was determined not to be treated as a blind person, even though he met the legal definition. No sight remained in his left eye and he had only 20/1000 vision in his right eye.



His experience of life as a partially sighted person left him dissatisfied with the lack of recognition and services for people who were partially sighted. This led him to develop the closed-circuit television that became the prototype for the video magnifiers sold around the world today. In 1971 his CCTV was publicised as 'Sam Genensky's Marvellous Seeing Machine' in a issue of Reader's Digest. The mathematician was flooded with thousands of requests a week from partially sighted people who wanted to try it. Many of them said the magnifying machine enabled them to read printed matter for the first time.

*Samuel Genensky had a cataract operation which restored partial sight in his right eye. After the operation he was amazed to see his wife had red hair, and was not a brunette as he had thought!*

Source: wikipedia

**Samuel Genensky went onto devote his life to furthering the cause of the visually impaired and founded the Los Angeles centre for the Partially Sighted. Samuel Genensky died on 26th June 2009 aged 81.**

**The idea of using CCTV as a visual aid continued to evolve. In the early seventies four members of the American Stanford University electrical engineering department, led by Professor John Linvill, developed the Optacon which was the first portable electronic print-reading device. Professor Linvill's daughter was visually impaired and the Optacon was produced as a visual aid for her use. The company Telesensory was formed as a result.**

### **Developments of CCTV**

**With over 22 million visually impaired people in the developed world other manufacturers soon became aware of the market potential. The first CCTV machines consisted of a camera on a stand with a special lens which magnified the text onto a television monitor. As the industry developed and other manufacturers came on board the design and function of CCTV readers improved.**

**Further innovations included the development of the 'in-line'**

**machine which incorporated the screen, camera and table in one unit to save space.**

**Line markers were added to help address difficulties with reading along with a moveable X-Y table.**

**Improvements in camera technology meant that digital cameras replaced the vidicon cameras. The next big improvement was the introduction of colour monitors and larger screens. Today flat lightweight screen LCD technology replaces bulky monitors and modern CCTVs interact with computers.**

**(Continued on page 13.)**



**The Visualtek Voyager. This is one of the first in-line reading devices.**



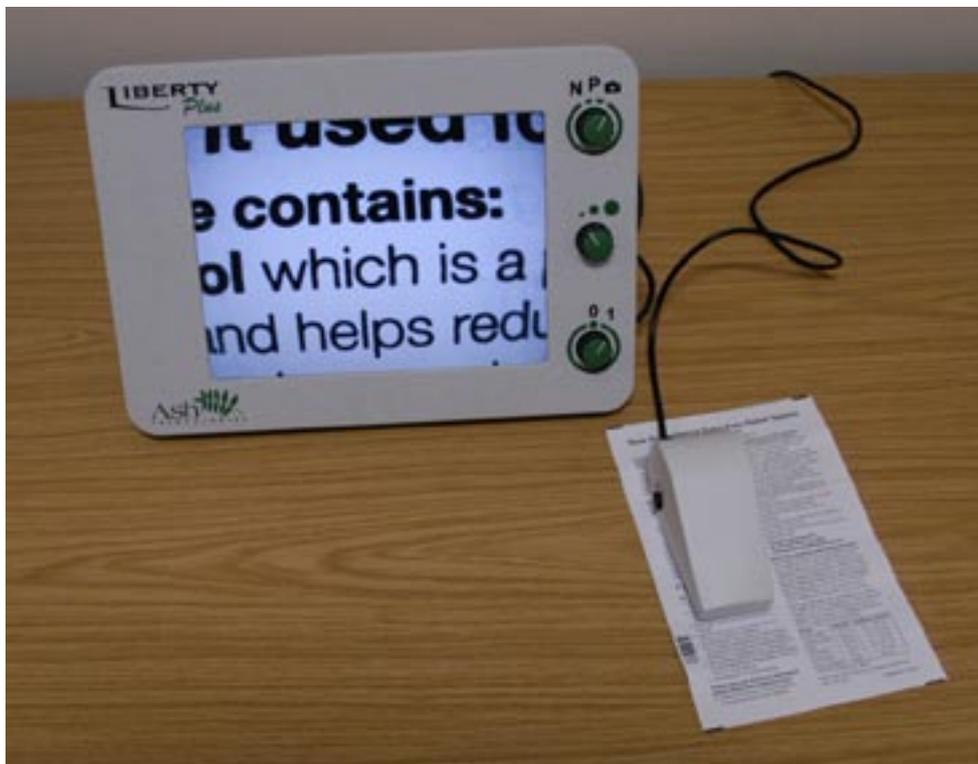
**A early model Telesensory Vantage CCD with X-Y table and line-markers**



**A Telesensory Aladdin Classic, a very popular reader in the early nineties.**



**Optelec Tieman Clearview Bright reading device that can be attached to a computer monitor**



**An early design portable desk-top reading device with its own screen and mouse. This was the forerunner to the popular mouse readers that plug into a television set.**



**The Merlin Enhanced Vision optical reader with x-y table, large full colour LCD screen and a range of colour and magnification options.**

Latest innovations in video magnifier and battery re-charging technology has given rise to the development of the hand-held portable electronic magnifier.

These devices are available with high definition colour LCD screens and a choice of colour contrast and magnification options.

Some models can be plugged into a television or computer monitor which increases their versatility.

As mobile phones and applications available for mobile phones continue to develop, manufacturers are increasingly aware of the need to include accessibility functions that assist the visually impaired.

Current smartphones, ipads, and E-readers all include technology that is worth exploring if you have a visual impairment.



**The Alto 2 talking mobile phone**

**A portable hand held electronic magnifier**



**The Samsung Synaptic phone as discussed earlier in this magazine**



**The i-pad Air tablet by Apple**

# FOR YOUR INFORMATION

## **Are you visually impaired and pregnant?**

Few mums-to-be would say that pregnancy is easy or stress-free, but for some women, having a baby presents exceptional challenges.

Cineflix Productions have been commissioned to make 6 x 60 minute episodes for Discovery, on the subject of pregnancy. This brand new factual series will take a look at unusual pregnancies around the world- meeting mums-to-be who are juggling the excitement and anxiety that pregnancy is expected to bring, but who might have an extra 'something' to take into account. We're looking for women who are experiencing their pregnancy with a pre-existing condition of their own (such as visual impairment) or have a condition brought on by the pregnancy (like extreme cravings, or severe morning sickness).

Across this observational documentary series, we'll follow these women through their unusual pregnancies, as they and their families prepare for the birth of their baby. From sharing the news with loved ones, to medical appointments and baby showers – right up to the big



day itself. We're hoping to film with the pregnant mums medical practitioners to help the audience understand how the expectant mother's condition affects her experience of pregnancy medically, while the mum-to-be and their loved ones will take us through the day to day realities of their unusual pregnancy. If you think you may have members, or know of families or individuals, who would be interested in the possibility of our helping them share their pregnancy story, please do call or email:

The Pregnancy Project producers  
0203 179 0099

thepregnancyproject@cineflix.com  
– we'd love to hear from you.

*If you have any information that you would like to share on these pages please email the editor:  
[anita.plant@partsight.org.uk](mailto:anita.plant@partsight.org.uk)*

## Blind Person's Tax Allowance

Did you know that registered blind people can claim an extra tax allowance called the Blind Person's Allowance? This can reduce your tax bill by almost £450.00 per year. If your income is too low to pay tax then this allowance can be transferred to your husband or wife.

There is also a tax allowance for married couples if one of you is aged over 79.

And there was some good news in the recent Budget for people with savings. From July, tax-free ISA savings accounts are being simplified and renamed New ISA (NISA), which will allow you to save more money without having to pay tax.

If you would like advice on tax and other welfare benefits the RNIB Tax Advice Service is on hand to offer advice. Call 0845 330 4897 and one of their advisers will call you back, so you won't have to pay for the cost of the call.

## LOW VISION AWARENESS DAY

### THURSDAY 19TH JUNE

**If you will be in Doncaster on that day please call in and see demonstrations of equipment by OPTTELEC who will have a range of handheld video magnifiers.**

**If computers are your thing then DOLPHIN will be demonstrating GUIDE which is a easy to use talking computing programme; and their SuperNova magnification and screen reading software.**

**CALIBRE Audio Library will be offering 6,700 audio books via a subscription free service for children and adults**

**Plus all the services on offer by THE PARTIALLY SIGHTED SOCIETY**

.....

## Solution - Crossword No. 130

**ACROSS:** 1. Strategies; 8. Novella; 9. Album; 10. Harm; 11. Mend; 12. Woe; 14. Allows; 15. Turret; 18. Lap; 20. Noun; 21. Open; 23. Newel; 24. Pig Iron; 25. Crossroads

**DOWN:** 1. Several; 2. Role; 3. Teases; 4. Grandeur; 5. Elbow; 6. Enthralling; 7. Impertinent; 13. Swindles; 16. Reports; 17. Supper; 19. Power; 22. Agra

# What's happening in Havering?

In the beginning there was nothing.... Those words really did sum up the lack of information, support and acknowledgment of visual impairment in the early seventies. Even the RNIB, refused to acknowledge people had partial sight as they only dealt with blindness. There were special schools and some local councils offered limited help to people registered partially sighted. But this was fragmented and not continuous. The Partially Sighted Society (PSS) was created by a few brave men.

From a Havering point of view, our mum had a visit from a lady who said she was setting up a Havering branch of the PSS and would we be interested? Being a mum of four visually impaired children and one with perfect vision, she jumped at the chance. So we made our way to Romford library one Monday evening to see what it was all about. Little did we know what a large part of our lives the PSS would play and how life changing and enhancing it would become.

The branch grew steadily and we had to move venues. The current chairwoman was not coping and stood down. Mum took the Chair, saying she would only do it until they found somebody to

take on the role long term. Mum was Chairman for nearly 20 years until she passed away in 1997. My brother John took on the role of Chair after the loss of Mum, saying he would take on the role until they found somebody else. That was 1997 and John is still Chair today. Over the years our family have had different roles within the Havering Branch. I have been, secretary, transport officer and am currently Vice Chair. Sally, my wife, is in her second stint as treasurer and my brother, Ralph, also had a stint as treasurer. The biggest impact of the Havering Branch is when two members, John and Dawn met at the Monday meeting. They have been together now for over 20 years and still going strong. For many years the national PSS were doing great things, getting visual impairment recognised by doctors, the RNIB, hospitals and society in general. The PSS commissioned a University to draw up a Symbol of Visual Disability as a logo and symbol of partial sight that would be easy for all to understand. The shaded eye symbol that we still use today, came from those heady days. There were huge AGMs held in central London and Birmingham with many

attendees. There were discussion groups and working parties. With the success and acceptance of visual impairment the National PSS became less prominent. During this period we in Havering were looking after the growing branch became concerned about the lack of contact with the National PSS. I decided to remind the National that we did exist and Sally and I travelled to Doncaster early one Saturday morning to attend that year's AGM. We found the National had not faded, it had suffered meltdown. We were shocked to see that it had been reduced to basically a local branch itself but with national interest and a lot of determination to improve. Since then there are far better communications between us and hopefully the other branches. Plus with the new building in Doncaster the National PSS is beginning to look beyond local borders. Sally and I still attend the AGM to put our views forward and speak for our members and our branch.

*Peter Slattery - Vice-Chairman  
- Havering Branch*

### *A response to Peter Slattery*

It was good to read Peter Slattery's reminiscences from the seventies when the Partially Sighted Society (PSS) really began. Many of our readers

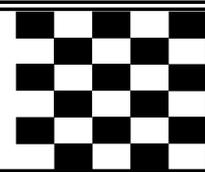
will remember when people with partial sight were the 'in-betweens', neither sighted nor blind. As Peter says, the PSS moved ahead quickly and was involved in a number of important activities.

The major organisations began to recognise that they were missing out on a large group of people if they ignored partial sight and began to take an interest. Thus began the slide for PSS. We simply didn't have the money to keep ourselves proactive in the face of the bank balances of the major organisations. Money was only one reason for our slide, but it was an important one. It was a long and painful climb back to our current position.

Our new headquarters building is designed as an 'accessible building' for anyone wanting to use our services. Our optical clinic has up-to-date testing facilities and our range of equipment is expanding all the time. When we started it was simply a choice between a conventional magnifier and braille! Now there is a growing range of electronic devices, magnifiers and general living aids. We still need to grow further, but we think we have selected the right team to take us into the next forty years!

*Bob Greenhalgh - Chairman PSS*

# From the kitchen table . . .



With summer just around the corner (I am truly optimistic!) my thoughts have turned to healthy and easy to prepare salads. Nothing could be easier (or healthier) than this recipe for tuna bean salad....

## INGREDIENTS

- 2 carrots sliced or bag of ready chopped carrots
- 1 red pepper (chopped into slices or buy ready chopped)
- 1 x small bag sugar snap peas
- 1 410g tin of butter beans or cannelloni beans
- Bag salad leaves

## METHOD

- Combine all the veg. and beans together in a large bowl.
- Gently add the salad leaves and half of the dressing
- Flake the tuna over the leaves
- Drizzle the rest of the salad dressing over the ingredients
- Serve with slices of french bread.
- Eat and enjoy!



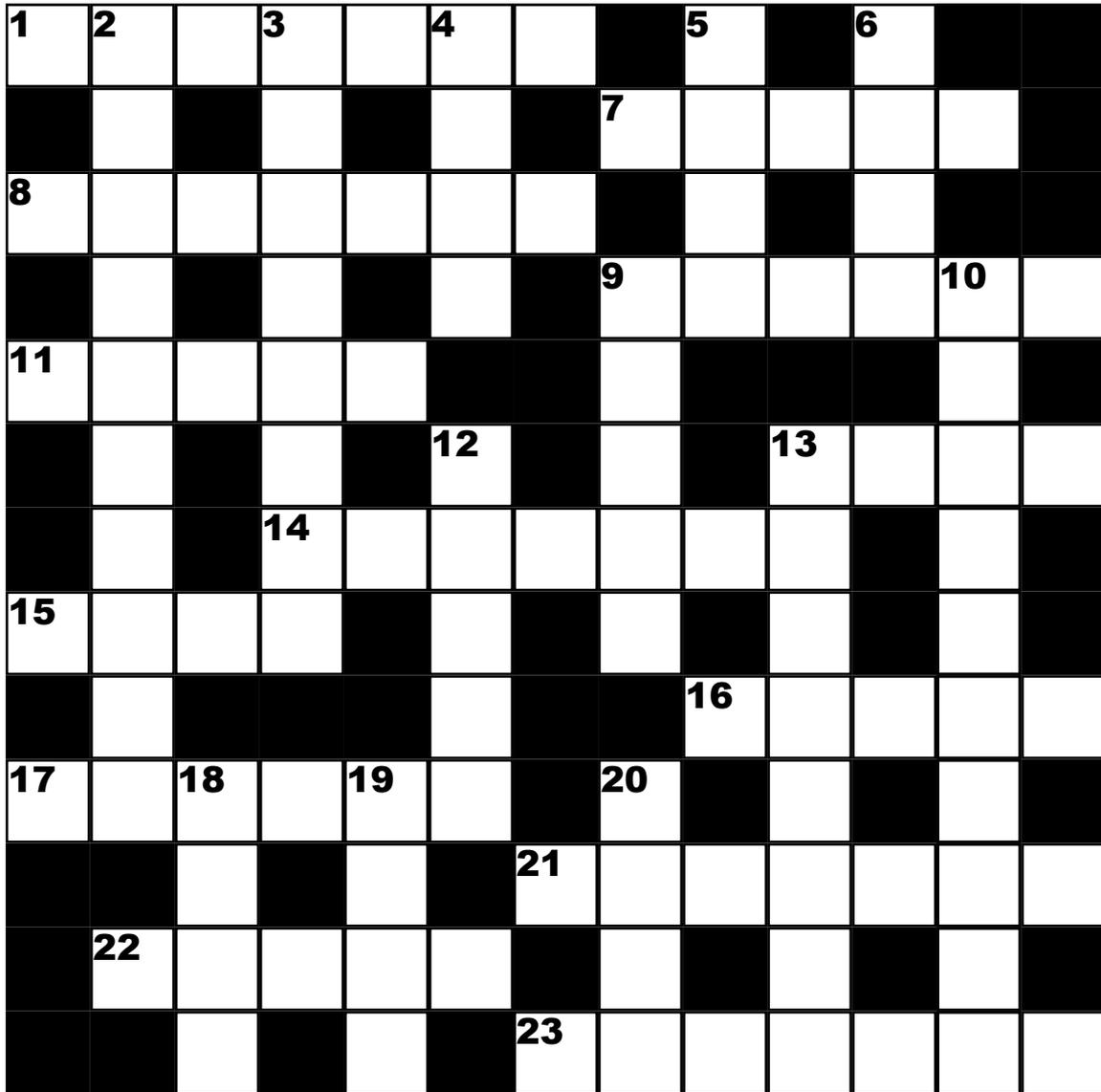
If you would like to contribute a recipe we would like to hear from you.

Send your contributions to:

PSS (Oculus), 1 Bennetthorpe, Doncaster, DN2 6AA

email:[anita.plant@partsight.org.uk](mailto:anita.plant@partsight.org.uk)

# CROSSWORD NO: 131



## ACROSS

1. Accelerate (5,2)
7. Far East Country (5)
8. Conveniently (7)
9. Roar (6)
11. Dull Task (5)
13. Depravity (4)
14. Sea-god (7)
15. Male deer (4)
16. Bird (5)
17. Apprehend (6)
21. Forbearing (7)
22. Punctuation mark (5)
23. Attack (7)

## DOWN

2. Children's missile firer (3-7)
3. Lasting (8)
4. Unattractive (4)
5. Salary (4)
6. Cry of grief (4)
9. Additional payment (5)
10. Sporadic (10)
12. Sudden burst (5)
13. Girl's name (8)
18. Chess Piece (4)
19. Tardy (4)
20. Fish (4)

# Limited stock on these phones!



## Doro 610 clamshell mobile phone

- Easy to read text and display
- Extra loud and clear sound
- Useful In Case of Emergency (ICE) function
- Available in different colours Black and Ruby
- Pay as you go phone

**Code: A176B/R**

**£90.00 excl VAT**

**£108.00 incl VAT**



- Has a highly visible bright visual ringer
- Complimented by the loud ringing signals and receiver volume for those that are also hearing impaired

**Code: A154**

**£39.95 excl VAT**

**£47.94 incl VAT**



## Talking telephone

- This telephone speaks the numbers as you dial.
- Talking 99 number phonebook/flashing visual indicator
- Handsfree speakerphone function
- Can be answered from remote (inc. 2 x alarm pendants)
- Talking caller identity - tells you the identity of the incoming call (or name if it is in your phonebook)
- Using remote can dial and send out a pre-recorded message to a designated number if you are in difficulties



**Code: A159N**

**£95.00 excl VAT**

**£114.00 incl VAT**

---

---

# How to contact us

---

---

The Partially Sighted Society  
1 Bennetthorpe  
DONCASTER  
DN2 6AA

Telephone: 0844 477 4966

Fax: 0844 477 4969

Office Hours: Monday - Friday

9.30 a.m. - 12-30 p.m. 1.30 p.m. - 4.30 p.m.

(An answerphone takes calls at all other times)

e-mail: [info@partsight.org.uk](mailto:info@partsight.org.uk)

website: [www.partsight.org.uk](http://www.partsight.org.uk)

---

---

## OCULUS - Editorial Copy

All copy to: Oculus Editor at the above address  
or e-mail: [anita.plant@partsight.org.uk](mailto:anita.plant@partsight.org.uk)

Published quarterly

Closing date for copy:

2nd week of February, May, August, November

The Editor reserves the right to abridge or otherwise amend submitted copy as space permits and to cancel or refuse material considered unsuitable.

Unless stated, the opinions expressed in this magazine are not necessarily those of the Society or the Editor



## smartlux digital

HIGH QUALITY TECHNOLOGY  
FOR BRILLIANT VISION

- + Extra large field of view due to non-reflective 5" LCD screen
- + Makes reading simple as camera is centrally positioned under the display
- + Extra writing position for writing under the display
- + Easy to use due to large operating buttons



Associated Optical  
[www.associatedoptical.com](http://www.associatedoptical.com)

**Available from the Partially Sighted Society**