

2018 AGM HELD AT NEW SMYRNA BEACH

This year's 2018 Annual General Meeting was held in New Smyrna Beach, Florida, in coordination with the city's celebration of its founding 250 years ago by Dr. Andrew Turnbull.

The overall city event was a great success with an estimated 3000 people in attendance. Greg Holbrook, Director of the New Smyrna Museum, opened the event. It included representatives from Minorca, Spain, where many of the first settlers were from, acknowledgement of direct descendants of Andrew Turnbull that included our own TCA members Miguel Rosado, Mexico, and Carol Walsh, USA. Chris Dymond, an honorary Turnbull and member of the NSB Fire Department Honor Guard, concluded the opening by playing Amazing Grace on the bagpipes.



Turnbull Tent - Bob Turnbull, Wally Turnbull, Sue, Jeff and Bill Trimble

Turnbull representation at the day's event included a double tent, hosted by Bill and Claudia Trimble, VPs for Events, along with Bob Turnbull, Central Florida Tent Host. (Many thanks!). The tent was at the main entrance to the games, so many passersby stopped to check it out and ask questions. Bill Trimble actually met two cousins he didn't know he had!

The evening AGM was well attended with over 30 present. It was a fun evening of getting to know each other and sharing stories. Bill and Claudia provided an update on tent host packages and that two new tent hosts have been added over the past two years. Betty Turnbull provided a brief Treasurer's report (see page 2).

President Wally Turnbull talked about future plans for TCA. These included the AGM for 2019 to be held in Scotland

to celebrate the 10th anniversary of the *Turning of the Bull* monument unveiling. It is hoped that we will have a plaque installed and perhaps some picturesque background panels behind to cover the more utilitarian back drop.

Wally also talked about this being an election year and as per the TCA bylaws, he has served two consecutive terms and cannot run again. Other offices may also be open. He encouraged each of us to think about serving TCA in one of the officer capacities. (More about the AGM next issue.)

One of the highlights of the AGM is to present the Clan Member of the Year. It was Wally's honor to present this year's award to Clan Members of the Year, Bill and Claudia Trimble. In addition to their tent hosting, Bill and Claudia have worked hard at increasing tent representation the past two years. They were also instrumental in organizing this year's AGM. CONGRATULATIONS Bill and Claudia. Well deserved.

For the first time, the AGM meeting was live on Facebook, where it can still be viewed - <https://www.facebook.com/TurnbullClan/videos/2094218197272712/>.



*2018 TCA Tent hosts and Clan members of the year
Bill & Claudia Trimble*

Scottish wedding in the Highlands

The son of a former Turnbull celebrated their Marriage in fine style at the magnificent Ardtornish Estate on the west coast. His mother, Lynn Cody a TCA member, tells the full memorable story.

Read the full story on Pages 3 and 5.



Author's Corner

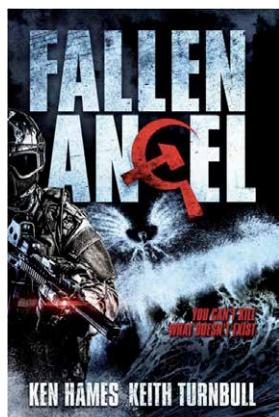
Keith Turnbull



Graduating from Glasgow University with a Master's degree in Politics, Keith has enjoyed a diverse career to date. He first went into the world of finance. From there he moved into defence sales, rising to senior managerial and director positions. He speedily learned about the secretive side of commercial defence related products and services and next moved into working as a security cleared contractor for the Ministry of Defence in Whitehall.

From the MoD he moved to a classified position (Top Secret) within the British Foreign and Commonwealth Office in London. This secretive role brought him in touch with a huge array of other law enforcement and security intelligence service personnel. Today he continues to work periodically in this environment.

FALLEN ANGEL is authored and shared by both MAJOR KEN HAMES MBE and KEITH TURNBULL



Fallen Angel is full of action, high-stakes races against time, and large, silver-screen style set-pieces.

Fallen Angel is fresh and exciting, original theme without struggling to be unusual. There's a lot of technical and military expertise brought in to the table with real operational matters have been adapted to fit. One can feel that at the core of the work, it combines a tight

plot and great characters to provide something unique and highly readable in the book version and captivating viewing in the film.

The story line and research has taken over two years to formulate and write in a manner that hides the truth but allows the reader to believe in what is on the page. Together, Keith and Ken have hinted at real life career experiences without giving away any operational specifics.

BULLSEYE

The Bullseye, a Turnbull Clan Association Worldwide (TCA) newsletter is published six times a year at: 5216 Tahoe Dr. Durham, NC 27713 U.S.A.

Editor: Kenneth Turnbull, Contributing Editor: Betty Turnbull, Children's Editor: Sarah Turnbull - contact: editor@turnbullclan.com

Turnbull Clan Association Worldwide - www.turnbullclan.com

Officers: Wally Turnbull - President • Bill Trimble, Claudia Trimble Mark Turnbull, Kenneth Turnbull, Betty Turnbull - Vice-Presidents • Scott Turnbull, Treasurer • Christine Nelson, Secretary • Webmaster Brian Turnbull

Founders: John F. Turnbull, Scotland • Dorothy Berk, USA

2017 TREASURER'S REPORT

The following is a report of TCA income and expense for the fiscal year 2017. Note that donations received in 2016 for the Tent Host Campaign are not included, but expenses for the Tent Host Campaign which took place during 2017 are included.

CASH ACCOUNTS

Wells Fargo Checking	
Beginning Balance	\$2,992.79
Ending Balance)	\$1,408.00
Difference	\$-1,584.79

PayPal

Beginning Balance	\$545.76
Ending Balance	\$1,387.67
Difference	\$841.91

Gain/Loss	\$-742.88
------------------	------------------

Total Assets	\$2,795.67
--------------	------------

INCOME

Dues	\$516.00
Donations	\$390.00
Total Income	\$906.00

EXPENSES

Membership Dues	\$50.00
Bullseye Printing	\$205.34
Tent Hosts Packages	\$1,309.54
Bank Fees	\$84.00
Total Expense	\$1,648.88

Income over Expense	\$-742.88
---------------------	------------------

DID YOU IDENTIFY THIS SITE?



In our last edition we asked if you knew where this mound was and whether you knew of its past history. It was said to be of the 12th century and in the nearby lands of Bedrule Castle.

For those who are still guessing, here is the answer;

Prior to the building of the stone built Bedrule Castle in the 1200s, another castle had stood on a mound some 350 yards to the west in a bend in the Rule River. That man-made mound and its first fort are thought to have been built during the Iron Age and expanded, possibly with a moat, during the Middle Ages. Built of wood, it was more like a fortress, and at that time it was known as 'Fast Castle.'



The 'Fast Castle' mound located around 350 yards (320 metres) west of the Bedrule Kirk and Bedrule Castle area.

COULD THIS BE THE SCOTTISH WEDDING OF THE YEAR?



Jarred & Stacey Cody, Ardtornish Estate, Scotland
Photo: GardnerHamilton

TCA member Lynn Cody (formerly Turnbull) sent this truly Scottish experience along to share her son's wedding in Scotland with the readers. Her family history goes back to the first fleet heading for the great southern lands. Lynn's great³ grandfather was John Turnbull 1748 – 1834, from the fledgling Ebenezer settlement in New South Wales, Australia.

Jarrad met his beautiful Stacey Emma Lambert on Hamilton Island in Queensland, Australia. They moved to the UK some six years ago, living in Bristol for a short while before moving to Dunfermline in Scotland and have been there now for about six years. Jarrad and Stacey while preparing to be married on the 5th May 2018, had been planning every detail for 2 years prior to the wedding.

Friends and family flew across from Australia and around England and Scotland. They booked the magnificent Ardtornish Estate in the Scottish Highlands on the west coast for a whole week. Ardtornish sits on 35,000 acres of beautiful Highland country with lochs, gardens, many rivers and snow-capped mountains. A hikers heaven one could say.

On the Monday morning before the wedding, Jarrad and Stacey had hired a bus to take the wedding party and guests up to the estate; a six hour trip. We stopped along the way for walks and coffee and arrived at Ardtornish Estate in the afternoon.

The guests explored the beautiful manor house where we were all staying. It is made up of many separate apartments with a choice of 2 or 3 bedrooms each. The apartments also offered luxurious bathrooms and beautiful lounge or sitting rooms, with lovely open fires. Each had a fully equipped kitchen. Jarrad and Stacey had supplied every apartment with a week's supply of food of all description, including drinks. Every variety of alcohol was at your beck and call, if you wished to indulge. Many did take this opportunity.

There was so much planned for every day during that week, up to the wedding day. Full time catering had been arranged

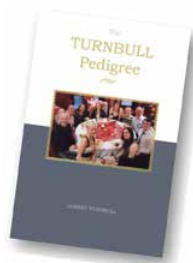
for the entire week and the wedding, including the wedding cake. The first night, Monday we sat down to a luscious dinner and were later treated to a whisky tasting display that went down well.

Tuesday was the Stag party for Jarrad and the plan was that they would all walk for 1½ hours and go fishing. But the weather was very inclement, so the boys decided to just stay at the estate to play billiards and a few drinks. However, the Hens party was completely different. We weren't bothered about the howling wind and pouring rain. We all rugged ourselves up in our warm wet weather gear and headed off to do clay pigeon shooting, axe throwing and finally archery. It was an awesome day and so much fun. We were all a little bit competitive, too.

Wednesday was a big day, where a lot of us took on a 2 hour each way walk, up and down huge hills to see the original Ardtornish Castle that is now in ruins, but spectacular all the same. We sat high on the edge of cliffs looking out over thousands of acres of lochs and valleys and mountains. Needless to say, we were all totally exhausted by the time we returned to the estate. After another scrumptious dinner we all gathered in the huge drawing room to be entertained

Continued on Page 5

Family heritage reference book



For those clan members who are interested in their heritage trail, Albert Turnbull's new book "The Turnbull Pedigree" is now on sale through the Amazon website.

The author's research statistics:

Mathematical experts tell us that a single couple, will produce 160 million descendants over 24 generations. It sounds mind boggling until one sees that each generation multiplies by 4.

The significance of this is: If you can trace your ancestry back to 1600, which is possible for commoners, there were only 2000 Turnbolls in existence and they all descended from the Barons of Minto.

There are clues in the book on how to reach that target.



Ruins of the original Ardtornish Castle, high on the cliff tops

USA - The special team of eight

Early this season, Dave Turnbull realised he had a pretty special group of eight girls on the South-western basketball team. They all wanted to put in the extra time necessary to be successful, so the Trojans head coach worked out an agreement to have the elementary school gym in West Ellicott as his team's very own "practice facility." They could put in as much time as they'd like getting up shots and working on their skills without having to coordinate practice times. "If you had told me that we'd even win 15 games through the course of the year I'd doubt it. But the more I was around these kids, the more I realised how special they were." Turnbull said.

New Zealand - Building repairs

The DC Turnbull Building on Strathallan Street has been mooted as a possible heritage site, but the director Geoff Banks was not in a position to give a likely price of the upgrade. "Repairing a building is about finding the weakest link and strengthening it." The property investor Shaun Stockman, estimated a building the size of DC Turnbull would cost close to \$4 million to fully restore. Banks admitted the building would pose some unique challenges. "It's actually quite a robust building, which is not surprising given its previous usage," Banks said. Heritage New Zealand says the building is historically significant in "telling the story of the area's prominent role in the grain and wool trade".



by Kenneth Turnbull - International News Editor

Australia – Speaking a foreign language can have pitfalls

The visiting French president, Emmanuel Macron, never ceases to surprise his audience, especially when he speaks in English. While some of his compatriots were shocked that he should address the US Congress in its native tongue, it pleased a large number of French people who appreciated how he engaged directly in version originale. A few days later, however, when President Macron thanked the Australian prime Minister's wife, Lucy Turnbull for being "delicious" – conjuring up images of cannibalism and Hannibal Lecter – some commentators suddenly thought of Macron as creepy. It was hours before somebody thought to tell the Australians that the word "délicieuse" actually means delightful.

Scotland - Plans for more affordable homes in Newtown

Architect Aitken Turnbull has lodged plans with Scottish Borders Council to build more than 60 affordable homes in Newtown. If approved, they would form the second phase of a development at the village's Sergeants Park following the construction of 49 houses and four flats there. A community event was held in Newtown in January, and staff from project architect Aitken Turnbull, of Galashiels, also attended a local community council meeting to present its proposals and a stakeholder meeting with Scottish Borders Council. A spokesperson for Aitken Turnbull said: "Comments from all events have been taken on board and incorporated into the proposals."

**UK - An unbelievable journey with his hometown club**

Phil Turnbull has joined South Shields, his hometown club, which means transferring into the Northern Premier League. This is the division he won with Darlington in 2015-16 in his first season after joining from Gateshead. Hopes will be high at South Shields that they can make it four promotions in a row, though they would do well to match the 104 points. "When you sign for a club you have hopes about how it works out, and it couldn't have gone much better," said the 31-year-old. "I won player of the season and the players' player of the year award as well, which I'd never done elsewhere, so that was a special thing for me."

Ireland - The Great Ireland Run

Business Development Manager, Gareth Turnbull runs The Great Run Company and is the Race Director of the



Great Ireland Run. Gareth has had a distinguished international career including the 1500m, when he represented Ireland at World and European Championship level, winning a bronze medal at the European Cross Country Championships and seven Irish national titles. It is one of Ireland's leading sporting events and part of the world's biggest mass participation running series.

USA - Thanks for great service

Cassidy Turnbull shakes the hand of a veteran and hands out a coin to local veterans who were honored in a recent ceremony in May. The ceremony was held before the Coshocton County track and field meet at River View High School. River View senior Cassidy organized the event as part of her senior project. Each man was announced with their branch and years served. "They served for our country and fought for our freedom, so they deserve to be recognized," Turnbull said.

**Australia - Another five winners**

For the fifth time in her career, The Lagoon's Amanda Turnbull has notched up five winning drives in a meeting when dominating the Parkes Harness Racing Club's night program. She took out the first four races of the meeting, steering members of her own team to victory as well as 'Conviction' who is trained by her father Steve Turnbull. Amanda then made it five wins in a single meeting at Parkes for the third time in her career. "It's a pretty good feeling to do that," she said.

SCOTTISH WEDDING OF THE YEAR ?

Continued from Page 3

by Amanda Edmiston, an amazing storyteller with her mystical tales. I am now convinced that all the old oak trees pull their roots up every night and walk about before returning to their spot before daylight.

Thursday was to become one of the highlights of the week. Once again Jarrad and Stacey had outdone themselves by organising a fun day of Highland Games. We all received points for each event and at the end of the day there was to be an overall winner. But that wasn't the main idea.

FUN was to be had, no matter what! It was a freezing day, but that didn't dampen our spirits. We had Jousting with plastic swords. Each competitor rode a toy hobby horse and wore a metal helmet with a fluffy toy stuck to the top. The first to knock off the other person's fluffy toy was a winner. We have never laughed so much. Then we had rubber boot throwing which was much harder than one would think.

Next, we had a go at Shotput with a big heavy medicine ball. That was a blast. Then came the Tug of War heats, where the weak were to be crumbled into the ground. With the final round, one team dominated by pulling the other team over. Finally we had the Pole Hoisting. But of course a pole is very heavy, so we opted for the good old kitchen broom. So much fun was had by all. We had dinner then chatted in the drawing room while being entertained by a Fiddler and Harpist. We all had a relaxing day on Friday.

Saturday arrived and the whole Estate was a buzz of activity. Everyone began organising for the big event. Finally at 1.30, we all wandered out into the beautiful garden where everything was set up beautifully for the perfect wedding. Jarrad was standing there with his Best Men. They were all dressed up in kilts and full Scottish attire and looked amazing. It seemed ages while we waited for his bride to appear. Like a fairy tale, the bride appeared in the most beautiful wedding dress as she slowly swept her way down the aisle until she reached the very happy love of her life.



Wedding ceremony with the Ardtornish Estate in the background

Reverend Donald McCorkindale performed Jarrad and Stacey's wedding. A real Scot he was. Stacey's dad gave her hand to Jarrad and from there it was all said and done just by the love for each other. What a wonderful moment when they were pronounced husband and wife. Such an emotional moment for us all.

This was followed by a couple of hours of photos. Then it was Reception time, where bagpipes were played and a wonderful dinner was had. Some heartwarming speeches were made before the music and dancing began. A wonderful band played all traditional Scottish dancing music, where we all ran around the dance floor to the music.

After the wedding dinner and speeches, the guests were all asked to come outside onto the lawns, as Jarrad had organized something special for his beautiful bride and all the wedding guests. We were all standing out in the cold not knowing what to expect, when suddenly the sky was lit up by a mass of fireworks that seemed to go on forever. Totally spectacular. What a beautiful finale for such a special day. We all retired to bed around 2 am, exhausted, but full of happiness and love.

Sunday morning and the tough brave ones (including myself) walked down to the loch, where on the countdown of 5, we all ran into the freezing loch and had a swim. That sure woke us up! It was warmer out of the water than it was in it bbbrrrrr. We returned to the estate for a full Scottish breakfast, then packed up for our trip back to reality on the bus the next morning. A lovely bus trip back to Dunfermline and some continued on back to Edinburgh. A wedding that will never to be forgotten wedding. Surely it has to easily be Wedding of the Year.

A lot of tears when we all parted ways with people some of us didn't know a week earlier, and had become firm friends by the end of it.. Thank you Jarrad and Stacey for the best weeks of my life and thank you to Ardtornish Estate for the wonderful memories.



A lot of fun was had with the music and Celedith dancing

Stories From the Past... This article first appeared in 1986, Bullseye, volume 7, number 1 - Wymouth, Mass. – by Peter Tonge

TURNBULL GIANT ACTS LIKE AN APPLE, BUT IT'S A TRUE PEAR AT HARVEST

If it hadn't been for Lois Turnbull's concern for her horses, it's quite possible that one of the world's most outstanding new pear varieties wouldn't be available to the public.

The pear – Turnbull Giant, as it is appropriately termed – has it over existing varieties in so many ways that it has been awarded US patent No. 4616. The pear has exceptional vigor, early maturity, disease resistance and 2-in-1 crop.

Midway through the season, pears can be harvested when they are just as sweet, juicy and crisp as any apple; at season's end, they are sweet and soft in the conventional pear manner. In addition, the tree has a unique way of getting around the problem of late-season frosts.

It almost sounds too good to be true, but I am assured it is not. Moreover, I can testify from first-hand experience that the distinct apple and pear stages of the fruit do exist and that the delicious flavor is in no way exaggerated. I enjoyed eating the fruit so much that I plan to grow my own in the future.

A fruit tree with so many advantages over its competition suggests that it is the product of decades of patient research by geneticists. Well, it was nothing of the sort. It was, in fact, a sport thrown up by nature right alongside the paddock where Mrs. Turnbull threw kitchen scraps over the fence as a treat for the family's horses.

It is presumed that she had been working with pears on one occa-

sion and that a single seed, with all of the right genetic programming, was trodden into the soil by a hoof.

There is precedent in fruit-growing history for this sort of thing. The Granny Smith apple, the premier apple of Southern Hemisphere countries and now being offered in the United States, as well, originated as a sport growing alongside a compost heap in an Australian backyard many years ago.

Ken and Lois Turnbull farm 160 acres near Depew, Oklahoma and grow all types of fruit and nut trees. They quickly recognized the considerable vigor of the young seedling but were not sure whether it was an apple or a pear.

When it began fruiting, it still fooled them for awhile. The fruit looked more like an apple than a pear, but it tasted all pear once it was fully ripe. They were also impressed by the size of the fruit. Individual specimens would weigh as much as three pounds while one-pounders were common.

Once the fruit began producing, the Turnbull's paid scant attention to their Bartlett pear. They didn't need to.

The fruit of the Turnbull pear looks like an apple but is a true pear.. The seedling, now a large tree, was supplying all their pear needs and more. Friends and neighbors were so impressed with the fruit that eventually the Turnbulls wrote to Dan Hybskman, manager of Henry Field's Nursery, Shenandoah, Iowa.

"We've got a pear like no other here," they said. Hybskman was intrigued and went to look. It was, indeed a pear (leaf and bark specimens told him that), but the fruit was almost as round as an apple, although much larger. The creamy white flesh of the tree was often almost seedless as well, a factor that might account for the fruit size (all of the energy going into the fruit and very little into making seeds).

Cuttings were taken and young trees started in the Henry Field test orchards. Long after the growers at Field's were convinced of the pear's superiority based on size, taste and vigor, a nurseryman cut into a still-green fruit to evaluate the flesh. When he chewed it, he was surprised to find the flesh juicy and with the taste and texture of an apple.

Repeated tests showed that all of the large, but still hard pears tasted just as good. The 2-in-1 characteristics of the pear had been discovered.

The tree also is disease-resistant and tolerant of heat, drought and cold. Test trees have grown well as far north as the middle of Minnesota. There is yet another advantage that Turnbull quickly noticed. When a late frost kills off the first blossoms, "the tree just seems to bloom again until it sets fruit," he says.

Mrs. Turnbull said the ripe pears can be canned, eaten fresh and made in sauces, while the green pears can be used "just like apples" in pies, cobblers, Waldorf salad and other apple recipes.

(Mt. Prospect Herald, November 12, 1981)



Turnbull pear which looks like an apple, but it is a true pear.

FATLIPS CASTLE IN PICTURES FROM OUR READERS . . .



The plaque identifying the Tower

Photo: Lynn Cody

The above wording reads . . .

The original Pele Tower was built by the Turnbolls of Bedrule in the early 16th Century before being effectively destroyed by the Earl of Hertford in 1545. Very little remained.

The castle was re-built in its current format in 1857 by the Elliots of Minto. It was modified to designs by the famous architect, Sir Robert Lorimer, in 1897 for the 4th Earl of Minto and was used as a museum until the late 1960s when it was closed and secured.

The origin of the name is uncertain, but one idea is that it derives from the look of Turnbull of Barnhills. There are other stories including that of a goat on the dunion, which warned of the approaching English, or that gentlemen were traditionally allowed to kiss one of the ladies on entering.

In the 2011 Tweed forum, with funding from historic Scotland, the Elliots of Minto and Scottish Borders, Council commenced consolidation caused by major vandalism. The work was completed in March 2013 to the original Lorimer design.



Views over the valley from Fatlips

Photo: Robert Turnbull

A LOVE STORY ACROSS TWO CULTURES. . .

by Adriana Rosado

The following is summarized and extracted from a handwritten memorandum in a hand-drawn genealogical tree of the Mexican branch of the Turnbull family: "From 1720 to 1920:" Andrew Turnbull, M.D. was founder of the American branch of the family. He studied medicine in Paris where he met the lady who became his wife, a Greek by birth.

She had been educated in Paris and was famous by her great beauty besides being most accomplished and an excellent wife and mother. She was most noticed at court by Queen Charlotte, as she spoke German which few ladies then did...Dr. Turnbull is mentioned by the Abbé Reynal in his "History of the East and West Indies" with encomium as "Le sage Turnbull".

About 1754 he emigrated to America, having received a grant from the British Government entitling him to large tracts in Florida where he lived and where most of his family was born. Of his sons, Elliott Bay came from England to Mexico with a mining company to work mines in the State of Oaxaca and there he met the lady who afterwards became his wife."

My line starts with one of the Turnbolls, who did not go to Oaxaca, but to my home State of Veracruz, where another love story began this way: When my ancestor graduated from the university, his parents wanted to give him a gift. Having studied mining, he asked his parents to send him to Mexico to further his education since there were many silver mines in that country.

He traveled all around and spent the night before he was to sail back to Europe at the port of Veracruz, on the East coast of Mexico. It is a warm and humid climate and in the evening he stepped out onto the balcony of his hotel room to enjoy the cooler air.

Across the street, the windows were also open and illuminated. He couldn't help but notice a beautiful young lady. He was so taken by her that he did not sail the next day but asked to be introduced to her and her family.

That introduction led to a romance and when he did sail back, it was to ask permission to marry. His parents were not happy with the idea but agreed as long as he returned when his first child was born.

This promise was never fulfilled. He remained in Mexico to his death. And that is how my line began. I am the granddaughter of another beautiful lady of Veracruz, Leonor Turnbull Bouchez. If I write out all my names and surnames I am Leonor Adriana Rosado Muñoz Osorio Turnbull.



"A porcelain doll I commissioned. He is supposed to be a little replica of our warriors."

CHANGING THE WORLD – THROUGH SCOTS INVENTIONS

Compiled by Kenneth Turnbull

Scottish entrepreneurs, geniuses and eccentric inventors with their ability to think outside the square, have helped to change our everyday lives throughout the world . . . for the better.

The postage stamp - James Chalmers 1782- 1853

The early times of the nineteenth century challenges of delivering a parcel or note was usually paid for by the recipient.

However, this was fraught with complications of distance tariffs and indeed the complexity of the unreliable delivery system itself. The situation also became messy when many recipients refused to pay the cost of the delivery and ultimately the Post Office lost revenue.



Public Domain

Then a Scottish weaver's son, James Chalmers, a printer and bookshop owner from Arbroath, came up with a new system. He stated that a postage stamp should be introduced and paid for at the senders end. The Post Office would then cross the stamp with a postmark so that it couldn't be used again.

The parliament approved the idea and the 'Penny Black' stamp with new regulations was introduced in 1840. James Chalmers did not profit with his invention, however a plaque was erected on the site of Chalmers's Dundee bookshop.

The hypodermic syringe - Alexander Wood 1817-1884

Around the early part of the 1850's, Alexander Wood an Edinburgh physician, introduced a new method of administering morphine as a pain killer.

He had created an experimental sharpened hollow point needle and pump attached as a syringe.

The idea was intended to pierce the skin and enable substances to be injected safely into a patient's bloodstream. This was in fact, an extension of a medical method that existed around the 9th century in Egypt.



CC BY-SA 3.0

Back then, hollow glass needles were used to suck out cataracts from the patients' eyes.

This new syringe that Alexander had invented became known as a hypodermic needle, as the term hypodermic means 'under the skin'. This new method was soon adopted by others and used for intravenous injections, which is still the fastest of ways to administer substances to the body.

Turnbull Clan Association
5216 Tahoe Dr.
Durham, NC 27713

