

WALLACE TURNBULL – A PURPOSEFUL LIFE

Wallace Turnbull, the visionary founder of the Baptist Haiti Mission and a stalwart in ministry for 78 years, passed away on Monday, May 20, at his home in Fermathe, Haiti, succumbing to complications from pneumonia. At the age of 98, Wallace concluded a life marked by unwavering service to others.

Wallace came from a long line of spiritually motivated families. His ancestors in Scotland's Borders were among those known as "Non-conformists" who practiced their faith as prescribed by the Bible rather than the Church of Scotland or of England. Wallace's great-great-grandfather immigrated to Upper Canada (now Ontario), where he helped establish the first church in Monaghan. His grandfather helped found the first church in Peterborough and also the Christian and Missionary Alliance. Wallace's father served as a missionary in India, Lebanon, and the Holy Land (now Jordan and Israel).

During his nearly eight decades in Haiti, Wallace oversaw a ministry that changed generations of lives across the nation. To those acquainted with him, Wallace was more than a pastor, director, or educator; he was a source of hope and inspiration. Beyond his professional roles,



Wallace Turnbull

Wallace found joy in his roles as a husband, father, grandfather, and great-grandfather. Yet, above all titles, he found profound fulfillment in the role of a builder of hundreds of churches and schools in isolated communities throughout the island nation.

As much as he delighted in the acts of building, Wallace was a builder in another sense, too. He was a builder of God's kingdom, which was the sole purpose of his life. The rural *Hopital de Fermathe*; the thousands of benches for churches and schools; the trusses to hold up the roofs; the warehouses stocked with supplies to distribute—all of it served a single function: to build up the Kingdom of God by sharing the love of Christ in tangible ways that met human needs both great and small.

Born in Hollywood, California, on July 10, 1925, Wallace's childhood was marked by instability, hardship, and heartache. But from the time he first arrived on the island in 1946, Haiti would be Wallace's home. The nation's mountains provided fertile soil for him to grow roots and for his ministry to flourish. The Haitian people became his kin, sharing a common language of suffering and the redemptive powers of God's grace.

In 2014, Wallace's hard-earned love of countless individuals reached the national stage when he was awarded by the President Michel Martelly the National Order of Honor and Merit, the highest honor the President of Haiti can bestow. He also received two honorary doctorates throughout his life, one in 2004 from the Université Jean-Price Mars as a Doctor of Theology and the other was in 2017 from Liberty University.

Yet, perhaps the most poignant tribute to Wallace's legacy came from the Protestant Federation of Haiti, which bestowed "honor and merit to the indefatigable Pastor Wallace Turnbull for his dedication, his sense of philanthropy, and his ministry in Haiti."

Wallace was preceded in death by his son, David, and his wife and lifelong ministry partner, Eleanor. He is survived by his sons Wally and Walter, his daughters-in-law Betty and Mary, seven grandchildren, eleven great-grandchildren, and a nation of people he loved as his own.

Betty & Wally Turnbull



Wallace Turnbull at a Sunday Service, Fermathe 1947



Wallace Turnbull with his wife Eleanor and extended family

Authors Corner

Mary Turnbull

Embark on a culinary adventure spanning continents and generations with Mary Turnbull's cherished cookbook, Lovin' Spoonfuls from Mom.

With a lifetime of experience cooking for family and gatherings of all sizes, Mary's recipes blend the rich traditions of Germany, Norway, Congo, Haiti, Scotland, and the United States into a tapestry of flavours that warm the soul and delight the senses.

Within the pages of this cookbook, you'll discover more than just recipes; you'll find a reflection of Mary's passion for food and life itself. Encouraged by those who have savored her dishes over the years, Mary has lovingly compiled her culinary legacy into a collection that celebrates the joy of cooking and the bonds forged around the dinner table.

Each recipe in **Lovin' Spoonfuls from Mom** carries with it a story—a memory of shared meals, laughter, and love. Many of these recipes have been passed down through generations, cherished family heirlooms now shared with you to create new memories of your own.

But this cookbook is more than just a guide to delicious meals; it's a companion on life's journey. Interspersed among the recipes, you'll find Mary's words of wisdom and advice for living a fulfilling and meaningful life. Whether it's tips for making the perfect pie crust or reflections on the importance of community and gratitude, Mary's insights add depth and warmth to every page.

With **Lovin' Spoonfuls from Mom**, Mary Turnbull invites you to join her at the kitchen table, where the aromas of home-cooked meals mingle with laughter and conversation.

Whether you're a seasoned chef or a novice in the kitchen, this cookbook promises to inspire and delight, offering not just recipes, but a taste of tradition, a dash of wisdom, and a pinch of joy.

[Purchase here on amazon.com](https://www.amazon.com/dp/1537600000)



IN RECOGNITION OF A LEADER



Colorado Freedom Memorial

The youngest of three children, Turner Turnbull was born in Durant, Bryan County, Oklahoma, USA, as half Native American of the Choctaw Tribe. His great grandparents had walked the infamous Choctaw Trail of Tears. Turner entered the service from Boulder county, Colorado. He was a member of one of the proudest of Choctaw families; his great grandparents. In 1914, young Turner's father, Walter J. Turnbull, Sr., at age 28, was the youngest Choctaw Chief ever elected by popular vote, but was not allowed to serve.

First Lt. Turnbull was a paratrooper in the famous elite all-volunteer 82nd Airborne Division and served in the African, Sicilian, and Italian campaigns.

On D-Day behind enemy lines, he was trusted to take his platoon of about 35 to set up a perimeter about 2 miles from the drop the main road to Utah Beach. At some point, he with ten of his men were crawling along a hedgerow, with Turnbull in the lead. They heard one of the many artillery shells coming, but in their exposed position, there was no place to go but "flatten out." In a thunderous explosion First Lt. Turnbull was killed by the deadly shrapnel.





Help Us GROW!

While membership dues are voluntary, we do need money to function and to fund activities that promote our clan heritage and family unity. These activities include the website, newsletter, our genealogical records, tent hosting at Scottish events, clan arms and heritage projects. We need your support to help fund the programs of Turnbull Clan Association.

Please consider making a donation.

WWW.TURNBULLCLAN.COM

BULLSEYE

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

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Turnbull Clan Association Worldwide - www.turnbullclan.com

Officers: President - Walter Turnbull • Vice-Presidents - Jeff Trimble, Betty Turnbull, Katherine Turnbull, Kenneth Turnbull • Treasurer - Sandy Turnbull • Secretary - Brittany Turnbull •

Webmaster & Genealogy - Andy Turnbull

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



We congratulate the winner who found the 'Little Bull'. Bragging rights go to Bernardo Turnbull from Mexico City, Mexico.

• Can you find the other hidden 'Bullseye Bull' in this issue?



FROM THE EDITOR'S DESK . . .



Become an Executive member for TCA 2025 - Nominations are now open . . .

Any TCA member in good standing is eligible. If choosing to nominate, you will need to be either a current contributing member or a lifetime member. Applicants will need to submit a brief of at least 60 words including your location (*country of residence*) and a bust photo of yourself.

If you would like to nominate, but have not paid your dues, please visit www.turnbullclan.com. Login and upgrade your membership to become a TCA Contributing member.

All executive positions are open for nominations. These positions include President, Vice President, Treasurer, Secretary, Communications, Events, and International News Editor.

***The Secretary position is currently vacant.
This is your chance to become a more involved member.***

Send your application online to;
communications@turnbullclan.com
by Monday 31st July, 2024

Ed

**11-14
JULY
2024**

Join us!

for the
68th Grandfather Mountain
Highland Games
and the
Turnbull Clan Association
2024 Annual Gathering and Meeting
Linville, North Carolina

VISIT WWW.GMHG.ORG
FOR TICKET INFORMATION

www.turnbullclan.com

Turnbull Clan Association to Host 2024 AGM at the Grandfather Mountain Highland Games in Linville, North Carolina

Located 90 minutes east of Asheville and 2 hours north of Charlotte, the small town of Linville, North Carolina lies nestled in the storied Blue Ridge mountains of Appalachia, and it is here each July where thousands of people from around the world ascend the scenic, winding roads to MacRae Meadows for the Grandfather Mountain Highland Games.

The majestic setting is reminiscent of the Scottish highlands, and it's no wonder that Scottish immigrants settled the area in droves in the years after the battle at Culloden. Fans of the *Outlander* books will recognize the inspiration for Fraser's Ridge, and the games even made an appearance in season four of the television adaptation.

Last year saw a record 103 clans and societies represented at Grandfather Mountain for the 4-day festival, and 2024 will be no exception for the much anticipated 68th edition as the event has continued to grow with each renewal.

Starting with Thursday evening's raising of the clans and torch-light ceremony, the festival continues through the weekend with celtic rock concerts, tartan parades, whiskey tastings, professional highland games competitions, sheep herding demonstrations, highland dancing, bagpipes and drums, Scottish vendors and food - there is something for everyone and the energy and excitement will keep you coming back for years to come.

Turnbull Clan Association Vice President of Events, Katherine Turnbull, will return to the meadow for a fourth year in a row to host the Turnbull clan tent and welcome visitors to learn about the Turnbells, their history, genealogy, and share her wide knowledge of all things travel-related in Scotland and the United Kingdom.

After hosting the 2023 annual gathering and meeting in the Scottish Borders to conclude a wonderfully successful Turnbull Heritage Tour, Katherine will host this year's gathering at Grandfather Mountain. President, Walter Turnbull, and Vice President, Jeff Trimble, are expected to be in attendance, as well as other board members, and already this is shaping up to be quite a Turnbull Clan reunion!

The AGM and banquet dinner will take place on Saturday, July 13 at 6:30 pm at Valle Crucis Conference Center, Johnson Hall 146 Skiles Way, Banner Elk, NC 28604. The cost of the dinner is \$25.00 per person. Reservations required and can be made at <https://www.turnbullclan.com/index.php/happenings/2024-agm-dinner>. Entrance tickets for the games can be purchased at the gate or online at gmhg.org.

*If you need more information or know of any other upcoming Highland Games where TCA can tent host, please contact Katherine Turnbull at the following:
kattturnbull01@gmail.com - TCA VP for Events.*





Introducing Big Y-700



The only test that traces your entire paternal line's genetic past.

We hope you have enjoyed your recent journey into your paternal line's heritage with your new Family Finder Y-DNA haplogroup and reports.

With your intermediate Y-DNA haplogroup, you're one step closer to unlocking the mysteries of your paternal line's heritage!

BUT...what if we told you there's an even more profound and enlightening step you can take?

Introducing the Big Y-700 DNA test—the key to unveiling the deepest layers of your paternal line's genetic past and connecting you to your most recent Y-DNA relatives.

**Upgrade from: Y12 - \$359, Y25 - \$359, Y37 - \$319
Y67 - \$ 259, Y111 - \$ 229, Y500 - \$189**

TURNBULL CLAN ASSOCIATION IS LOOKING FOR NEW TENT HOSTS!

One of the most common questions asked of us is "Why isn't there a Turnbull Clan tent at an event near me?" Well, the answer is simply that we do not have a member who has volunteered to host in your area or at a particular event.

All clan tent hosts are members who have volunteered their time, funds, and love of history and Scottish traditions to represent Turnbull Clan Association at various events - mostly in the United States, though there are hundreds of Scottish festivals and highland games around the world each year, and we would love grow our presence and see more of our members actively participating!

Tents are often a reflection of their host and vary in their displays - each one exhibiting a variety of Turnbull-related items: books, photographs, banners, tartan, and other memorabilia that has been collected by the host. Many events even have awards for best clan tent which usually reflects upon both the displays and hospitality of the hosts.

If you are interested in learning more about how you can become involved with TCA at an event near you, please send us a private message or email our Vice President of Events, Katherine, at kattturnbull01@gmail.com



A-MUIGH IS A-MACH (OUT AND ABOUT)



TCA at Chicago Scot Games, USA... with Tent Host Jeff Trimble

Turnbull Clan Association to be represented in USA at the following Scottish Festivals & Games

- 11th-14th July - Grandfather Mountain Highland Games, Linville, North Carolina *TCA AGM* **Don't miss it!**
- 31st August-1st Sept - Virginia Scottish Games, The Plains, Virginia
- 31st August-1st Sept - Caledonia Club of San Francisco's Scottish Highland Games, Pleasanton, California
- 6th-8th Sept. - Long's Peak Scottish-Irish Highland Festival, Estes Park, Colorado
- 18th-20th Oct. - Stone Mountain Highland Games, Stone Mountain, Georgia

*If you need more information or know of any other upcoming Highland Games where TCA can tent host, please contact Katherine Turnbull at the following:
kattturnbull01@gmail.com - TCA VP for Events.*



A SALUTE TO BRAVERY

Turnbull Clan Association would like to recognise our military members, both past and present, from around the world.

If you or a relative have been a member of any military branch, please submit a name, rank, branch, years and country served and a photograph to Turnbull Clan Association's Facebook, Instagram or email at editor@turnbullclan.com

SCOTLAND'S FUTURE IN BILINGUAL LANGUAGE REVIVAL

By Kenneth Turnbull

Both the Scots language (used by Robert Burns) and the Scottish Gaelic (insular Celtic) are now experiencing a new revival. The UNESCO classifies Gaelic as “definitely endangered”.

Although it may not be on a large or systematic scale, more Scots are now showing an interest in these two languages.

Why did the Scots stop speaking the Gaelic language? Well, it was the final loss of the Jacobites in 1746 that was damaging to Gaelic speak, which resulted in the British Government banning everything related to Highland culture.

Dating back to the fifth century, Gaelic is the founding language of Scotland which is thought to have originated from Ireland. It is more than a thousand years older than English. Yet, it has been preserved through literature, arts and folklore from across the ages, despite over 200 years of suppression and condemnation.

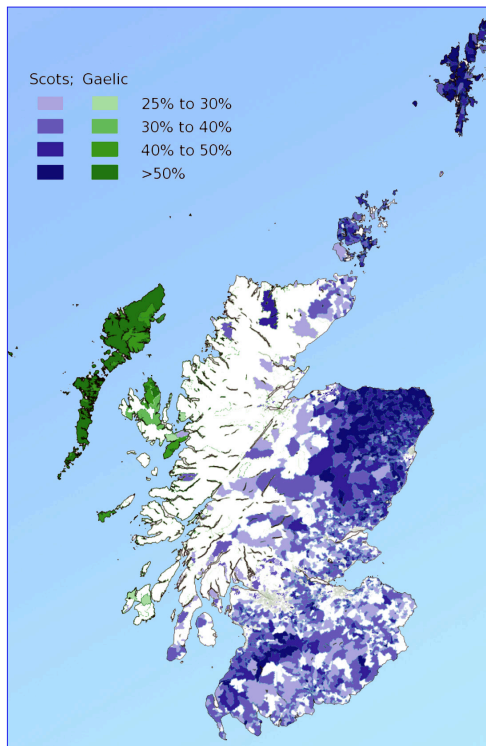
Over time, the Gaelic community has supplied Scotland with many of the country's national icons, including the kilt, tartan, sporran, bagpipes, ceilidhs (*social gatherings*) Highland games and . . . whisky!

Gaelic is still spoken today by around 60,000 Scots, mostly in the Western Highlands with the Outer Hebrides being the heartland. Endowed with a rich heritage of music, folklore and cultural ecology, Gaelic in Scotland is thriving and enjoying a revival!

Proposals to help the Gaelic and Scots languages prosper in the years ahead have been set out in legislation by the Scottish Government.

One of the key proposals in the Scottish Languages Bill is the creation of new Areas of Linguistic Significance, which would give Gaelic communities a greater say in how the language is supported locally.

The Bill also provides greater support for Gaelic medium education



Comparison map of spoken Gaelic & Scots languages throughout Scotland - 2011 Census

and strengthens and adjusts the functions of Bòrd na Gàidhlig to help it continue to contribute to the promotion of Gaelic.

The Bill also provides the first ever legislative protection for the Scots language, strengthening support for it in public and community life. Schools will also be supported to introduce Scots into their curriculum, recognising its place as an invaluable part of Scotland's culture.

The Scottish Government will be required to promote and support Scots language education and to report on progress. Cabinet Secretary for Education & Skills, Jenny Gilruth said: “Gaelic and Scots are fundamental parts of Scotland's heritage – but the Scottish Government is determined that the languages will be supported to ensure they are also integral to our future.

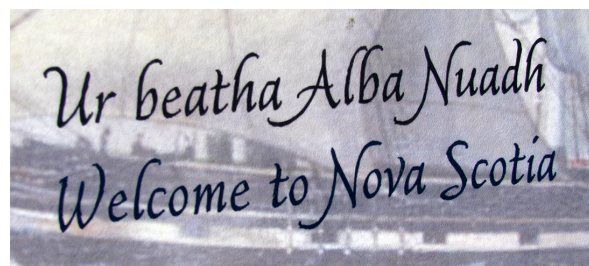
Learning is at the heart of our plans: by encouraging and supporting learners, we can help more people to engage with the rich history of our languages through song, poetry and literature, recognising the richness and diversity of Scottish society. It is important that Scotland unites behind a commitment to

ensure our languages have a positive future for years to come.”

In addition to making provision for these commitments the Bill would also further enshrine the principle that Scotland is a multilingual country and relating to its role within education and support by public authorities.

*Scotland, my auld, respected Mither !
Tho' whiles ye moistify' your leather,
Till when ye speak, ye aiblins blether ;
Yet deil mak matter !
Freedom and Whisky gang thegither,
Tak aff your whitter.*

A Robert Burns short poem in the old style border Scots language



CC BY-SA 3.0

Bilingual Gaelic-English road sign, at Lochaline in the Scottish Highlands

Bilingual Gaelic visitors sign to Nova Scotia (New Scotland) 1770 - 1830

Turnbull Clan Association Worldwide

News from around the world

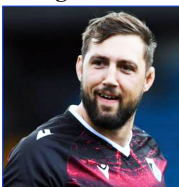
by Kenneth Turnbull - International News Editor

Scotland – Glowing report Card

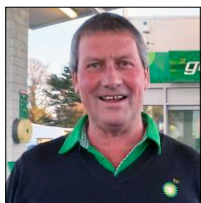
The Staff and students at Bishopbriggs Secondary school, located north of Glasgow, are celebrating after inspectors delivered a glowing “report card” following a recent visit. The education Scotland team highlighted the ‘very strong attainment and achievement’ of young people at Turnbull High. The Inspectors said the headteacher’s ‘strong and caring leadership’ supported by senior management, is highly valued across the school community.

Wales - A new coaching career

Josh Turnbull has played his last game of professional rugby after agreeing to take up a coaching position within the Cardiff Rugby academy set-up. Capped 11 times by Wales at senior level, the 36-year-old back row specialist has hung up his boots after making 334 top-level appearances for both Cardiff and the Scarlets over an incredible 16 years.



New Zealand - Fuel pumping ends



In June, Alan Turnbull, one of two business owners of a BP 2Go Service Station for 34 years based at South Hill Oamaru, served the public for the last time. With business partner Neville Bond, they sold to NPD, a locally owned fuel network business. However, they will continue to operate a gas delivery and gas bottle filling service from the rear of the premises. Turnbull commented that the last day felt “a wee bit weird”, given their lengthy tenure at the site, but change was inevitable.



USA - Ceremony remembers those who made the sacrifice

At a Memorial Day ceremony held late in May, everyone in attendance braved the elements to honour the 57 county residents who died while serving in the military, starting with the American Civil War to Afghanistan. Retired U.S. Army Major and current Otsego County Commissioner Jonathan Turnbull delivered the keynote address. He was seriously injured and blinded in 2019 by a suicide bomber while serving on a humanitarian mission in Syria. Turnbull talked about his Army colleague John Farmer who was killed in the blast. Turnbull said there is no greater love than when a man is willing to give his life for his friends.



UK – Museum launches volunteer museum display cases



The Museum in Keswick has initiated an exciting dedicated volunteer display case to help diversify collections at the museum. The first display has been organised by Sam Turnbull, who was interested to learn that the Poet Laureate Robert Southey – despite living in Keswick for 40 years – was also passionate about Portugal and spent decades researching Portuguese history. Museum director Joseph Massey said: he was pleased that volunteers can now put their favourite objects on display and share their research. Volunteers have been so keen to create their own displays that the case is booked until early 2025.

Canada - YMCA is bouncing back from financial crisis

The new President and CEO of the YMCA, Lorrie Turnbull, is pleased with how well the organisation has responded and rebounded, despite a challenging downturn before and during the COVID-19 pandemic. The previous fund raising campaign had launched to push back against a big drop in membership. Turnbull said the pandemic months were hard on the organisation, but the gradual success of the My Y campaign was indeed welcome. “Anyway, now that we have turned the corner over the past 12 months or so, we’ve now started to see membership returning to those pre COVID levels,” she said.



USA - An exciting pastime in creative cleanliness for five decades



Photo: Joel E. Ferris Research Archives

For half a century now, a corner of Riverfront Park in Spokane, Washington, USA has been slightly cleaner than the rest thanks to a quirky metal billy goat with a vacuum in its mouth feeding a trash bin. A local newspaper reporter once surmised the garbage-eating goat’s existence had something to do with divine intervention. That’s because it was crafted by Spokane’s welding nun, Sister Paula Mary Turnbull, a celebrated sculptor and valued member of Spokane’s religious community. The Garbage Goat remains one of Turnbull’s most famous artworks and was created in conjunction with Expo ‘74. Turnbull thought the Garbage Goat would be a fun way to encourage kids to keep the land clear of garbage and teach them a lesson in cleanliness. — Colton Rasanen, *The Inlander*

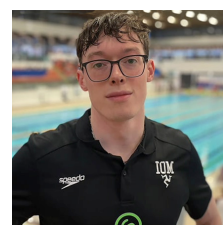
Australia – Coach is Nation’s best

David Turnbull was among several Western Australians honoured in the National Community Cricket Awards which celebrate the amazing contribution and tireless work of the volunteers at the heart of grass roots cricket. In his first season of coaching, Turnbull took a group of Year 9 Boys who hadn’t played cricket together before and won the South West Metropolitan Junior Cricket Council U15 T20 Flag. “We had a lot of really close games. Winning the National Community Coach of the Year award is a humbling experience, but one that gives him a sense of pride. “It’s definitely been a bit of a surprise,” he says.



Isle of Man - Island swimming record

Alex Turnbull from an Isle of Man Swimming Club competed in a recent Edinburgh meet for a place on the Olympic team. He was successful in breaking the island record for the 50 metres breaststroke record in both his heat and final swims, by taking a second and a half off his lifetime best in doing so. He clocked 29.41 seconds, and improved further to 29.26 in the final and finished 11th overall. This was a superb result in a field headed by Commonwealth Games and European champion, James Wilby.



HISTORIC SCOTLAND . . .

Researched and compiled by Kenneth Turnbull

SCOTTISH ORIGINS OF THE MAGNIFICENT BOOK OF KELLS

The historic Library of Trinity College, in Dublin Ireland, houses many thousands of rare books and ancient manuscripts, but it is world famous as the home of just one magnificent volume, the priceless illuminated gospels of Matthew, Mark, Luke and John, known collectively as The Book of Kells, is regarded as the supreme artistic expression of Celtic Christianity.

As one of the most cherished masterpieces in Ireland, it is an illuminated Bible of astonishing beauty created by Monks, sometime between the 6th and 8th centuries. The Book of Kells is named after a town in County Meath, however it should be called the Book of Iona, as it's thought that it was the monks on that remote Scottish island who were the original artists.



*The library at Trinity College, Dublin
(Credit: Alamy)*

In 806, following a raid that left 68 of the community dead, the Columban monks took refuge in a newly-founded monastery at Kells in County Meath in Ireland to keep them safe. The most likely theory is that the monks took the manuscript with them. The delicate and ornate masterpiece was completed in 800 AD.

Amazingly since they were written, the majority of the pages have been passed down through the generations with just 60 pages missing. But medieval sources do record that an illuminated manuscript was stolen from the stone church of Kells in 1006 which is likely to have been the Book of Kells.

According to the Annals of Ulster it was found "two months and twenty days" later "... under a sod." After fighting in the Cromwellian period, the church at Kells lay in ruins, and in 1653 the book was sent to Dublin by the governor of Kells for safekeeping. A few years later it reached Trinity College where it remains today. Regarded as a Medieval treasure, it is a brilliant, multi-faceted jewel whose 678 illuminated pages are turned, one each day.

The scale and ambition of The Book of Kells is incredible. Written on vellum, it is estimated that the

The Monastery on Iona (located off the Isle of Mull) was founded in the 6th century from which missionaries were sent out to the pagan Picts who inhabited the Scottish mainland.

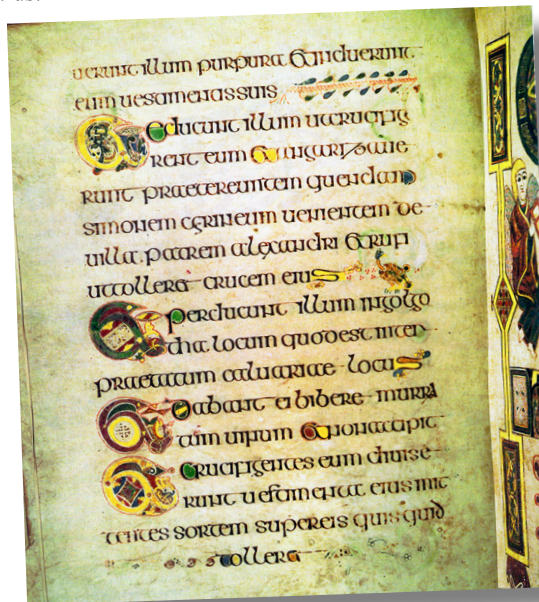
It is extraordinary that in such a wild place with limited materials that these men were able to create a work of art that is so delicate and ornate. Yet one can imagine the monks inside their beehive-shaped stone huts, battered by sea winds with squawking gulls outside, bent over their painstaking work.

But it wasn't just forces of nature with which the monks had to contend. The monastery, like many early Christian communities, came under the threat of Viking raids.



The title page of St John's Gospel shows the thoughtful-looking saint, along with a less respectable figure swigging from a goblet of wine

(Credit: The Book of Kells)



skins of 185 calves were needed for the project. Practically all of the 680 pages are decorated in some way or another. On some pages every corner is filled with the most detailed and beautiful Celtic designs. This is a description thought by many to be of the Book of Kells by the 12th Century writer Gerald of Wales.

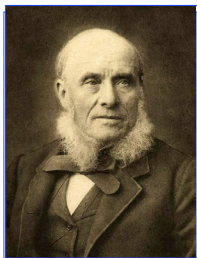
"The bewildering, ordered chaos of pattern, design and illumination," he says, "conveys something of the mind's perplexity and the imagination's colourful response when faced with magic, hallucination or inexplicable mys-

teries of religion - those revealed truths which we cannot understand". It involves "wordless communication too" the same principle which led the Celts to ornament their bodies and their belongings.

The Book of Kells is today regarded as Ireland's greatest Medieval treasure, a brilliant, multi-faceted jewel whose 678 illuminated pages are turned, one each day, to admire a new the breathtaking ingenuity. and creativity of the human spirit.

SCOTTISH INVENTIONS: ALEX BAIN – THE FACSIMILE MACHINE

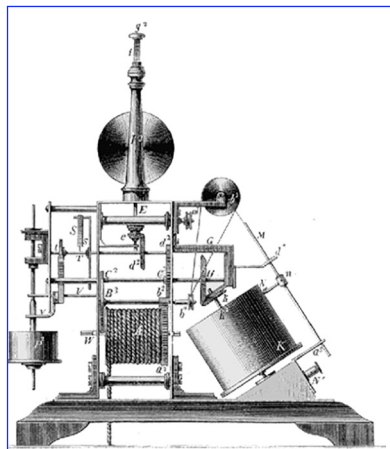
Researched and compiled by Kenneth Turnbull



Alexander Bain

Scottish entrepreneurs, geniuses and eccentric inventors and their ability to think outside the square, have helped to change our everyday lives throughout the world for the better. Here is another example of Scottish ingenuity with imaginative foresight that has ultimately influenced the developing world.

The first fax machine, known as the 'Electric Telegraph', the oldest fax machine was invented in 1880 by Scottish mechanic and inventor Alexander Bain. Several years earlier Samuel Morse, had invented the first successful telegraph machine and the fax machine closely evolved from the technology of the telegraph. But his invention was taken as an infringement of Morse's own patent. In 1843, he received a British patent for "improvements in producing and regulating electric currents and improvements in timepieces and in electric printing and signal telegraphs" . . . in laymen's terms a fax machine.



Bain's improved Facsimile Machine - 1850

Several years later, an American born Samuel Morse had invented the first successful telegraph machine and the fax machine closely evolved from the technology of the telegraph. Morse successfully blocked Bain's system from catching on.

Undaunted, Bain invented a type of telegraph that used electronically charged paper to send messages much faster than existing mechanical technology. Perhaps his most ingenious invention however, was his primitive facsimile machine (the fax machine).

Applying the same developing technology as his electric clock, he attached a stylus to the end of a pendulum, which swept across a metal surface (document) imprinted with information in the shape of dark and light spots. This in turn was transmitted down a telegraph wire and outputted by a synchronised pendulum on the receiving end printing out the same result. Basic, but the start of a very popular transmitting means in the years that followed.

However, fax machines did not become popular with consumers until the 1980s.



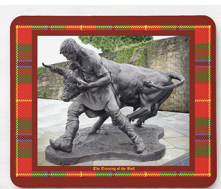
Facsimile Machine from the 1980's

TOTALLY TURNBULL

*Looking for something as a Birthday gift . . .
or maybe a collectable for someone?*



Tell A SCOT - T Shirt
\$15.99



Turning of the Bull
Mouse Pad
\$12.00



Tartan ties - for
Men or Children
\$14.88 each



Turning of the Bull
Magnet
\$4.10



Baby Onesie
\$16.55



Turning of the Bull
Key ring
\$4.68



Totally Turnbull Cap
\$19.60



I Saved the King shirt
\$16.96 per shirt
Choose from 17 shirt colours



Two tone mug
\$14.88 each



Water Bottle
\$27.25



Clan Crest Turnbull
or Trimble Tote Bag
\$28.35



Turnbull Arms Hoodie
\$26.20



Turnbull Arms Coasters
\$10.90 Save 15%
(Per Stone Coaster)

*The store often offers special discounts
Check in for current pricing: totallyturnbull.com*