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Power Saw Manual, John Ryan, L. D. Ryan, Donegal Bay Publishing, 2005, . . .

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Table saw accidents occur frequently, often resulting in serious accidents when the operator comes in contact with the saw blade. The difficulties in guarding table saw blades with conventional guarding techniques often leads to ineffective guards that are removed by saw operators due to their lack of function and flexibility.

Saw Stop LLC is a company that produces the most innovative table saw on the market. Saw Stop produces complete table saw machines, which incorporate their ingenious saw stop technology. These saws are designed to detect when a saw blade comes in contact with skin, and stop the saw blade within 1/200 th of a second. The manufacturer acknowledges the fact that table saw users often remove the manufacture supplied guards. They adopted a different approach to the design problem of guarding table saws, minimize the injuries when contact with the blade does occur.

The blade not only is stopped within 5 milliseconds, the blade is retracted down into the saw body, also helping to prevent further injury. This design relies on the occurrence of an accident, contact with skin, to initiate the braking sequence. The design uses a sensor that monitors a voltage signal that is supplied to the saw blade.

The electrical resistance values of human tissue and wood are vastly different, so the sensor can detect when the saw blade is in contact with wood, and allow normal saw operation, or in contact with flesh, and initiate the quick-acting blade brake. This means that a person who comes in contact with the point of operation on a Saw Stop table saw will be injured, but the injury will be a minor laceration instead of a serious laceration, amputation, or worse.

This saw also has other safety features to help prevent the necessitation of the blade brake. The Saw Stop saws include an anti-kickback device that conforms to the blade shape on the back side of the blade. This device is a European style 'iving knife' that Saw Stop claims minimizes kick backs. Riving knives have the same goal of splitters – to keep the kerf from closing on the saw blade. The kerf is the slot that is cut into the board with a saw. If the kerf closes due to various forces acting on the board, some of them created by the sawing and feeding of boards, the board can get caught by the saw teeth and propel the board towards the operator. The riving knife doesn't need to be removed like a splitter when performing non- through cuts since it doesn't extend above the blade. The shape of the riving knife allows it to be placed much closer to the blade than traditional splitters.

The Saw Stop table saws offer a new level of safeguarding for saw users. The manufacturers have built the safeguard into the design. The blade brake is a safeguard that cannot be removed,

although there is a bypass switch built into the saw that is to be used in wet conditions. Wet conditions could trigger a false blade brake, in which case the blade braking system can be overridden temporarily. While this does give the operator an opportunity to bypass the safety system, the operator will have little motivation to bypass the Saw Stop blade brake. The Saw Stop does not interfere with normal operation in most situations. The Saw Stop blade brake does not interfere with seeing the cutting point or feeding the material like traditional table saw guards can.

Saw Stop's website has a section dedicated to testimonials from customers who have had the misfortune to test out the Saw Stop's safety feature. Numerous examples are shown on the website of customers who for various reasons contacted the saw blade. These testimonials often include photographs of the table saw and of the operator, directly after the incident. Just as proclaimed and designed, the operators had small lacerations only, with no lost digits or worse injuries. Check this out for yourself at:

The Saw Stop will likely have a large impact on product liability cases involving table saws. Often state or federal laws require plaintiffs to show a solution to a hazard in a product. These solutions are sometimes patents showing technology that could have prevented a particular accident, sometimes it is alternate designs created by engineers that are based on engineering principles. Table saw lawsuits often involve accidents where the saw operator is cut by the spinning saw blade. Table saw guards that are included with most modern table saws are inadequate in many aspects, and must be removed for certain woodworking cuts and techniques. Saw operators remove guards to be able to perform these cuts, and sometimes operators will remove the guard for better visibility. Various solutions exist on the market, including the Brett-Guard, an innovative guarding solution that greatly improves traditional table saw guards. The Saw Stop is a very effective safeguarding technique that could prevent many table saw accidents occurring every day. The Saw Stop can be shown to be an alternate safeguarding technique that is in production and is proven to prevent severe accidents. This may impact table saw litigation, and hopefully, table saw manufacturers will take note and develop safeguarding techniques that will be as effective as the Saw Stop.

Ryan Tubridy (born 28 May 1973),^[7] nicknamed "Tubs",^{[8][9][10]} is an Irish broadcaster and writer, a presenter of live shows on radio and television in Ireland.^[11] Tubridy is one of the youngest presenters on Raidió Teilifís Éireann (RTÉ), as well as the highest earning.^{[12][5]} Current host of long-running TV chat programme The Late Late Show and a weekday morning radio show called Tubridy,^{[13][14]} Tubridy was a pioneering member of the Twitterati before he departed in August 2011.^[15]

Tubridy previously presented RTÉ 2fm breakfast radio show The Full Irish, which at its end was the second most popular^[citation needed] radio programme in Ireland. For five seasons from 2004 until 2009, he presented the Saturday night TV chat show Tubridy Tonight on RTÉ One.^{[16][17]} He later left RTÉ 2fm for a number of years to present weekday morning radio programme The Tubridy Show on RTÉ Radio 1,^[18] but returned to RTÉ 2fm in 2010 to present his current weekday morning radio show from 09:00 to 11:00, following the termination of The Gerry Ryan Show with the presenter's sudden death.^{[19][20]} He has also hosted the Rose of Tralee contest on two occasions.

More recently,^[when?] Tubridy embarked on a career as a writer with JFK in Ireland, a profile of U.S. President John F. Kennedy's 1963 visit to Ireland as part of a two-book deal with HarperCollins.^{[21][22]} He is currently working on a second book.^[23] Aside from broadcasting and writing, Tubridy's intense passion for U.S. politics is common knowledge,^[22] as, more recently, is a romance with Aoibhinn Ní Shíleabhaín,^{[24][25]} a romance which has been dubbed "RyBhinn".^[26]

Tubridy has several wins and nominations at the Meteor Awards to his name, dating from his time as host of The Full Irish. The broadcaster was named one of ten "icons" of 21st century Ireland by the Sunday Tribune's Derek O'Connor in 2008.^[27] He was awarded Dubliner of the Year by The Dubliner magazine in 2009.

Ryan Tubridy was born in Tallaght, Dublin in 1973. Educated at Blackrock College and University College Dublin, where he studied for his Bachelor of Arts, he was a member of the Fianna Fáil Kevin Barry Cumann while at UCD and was active in the UCD Students' Union and Belfield FM, as well as the Dún Laoghaire branch of "gra Fianna Fáil.[citation needed]

Tubridy's maternal grandfather, Todd Andrews, was a prominent associate of Fianna Fáil founder Áamon de Valera and held a number of posts in semi-state companies. A maternal uncle was an MEP, while another maternal uncle, David Andrews, was an Irish Government minister. Two of his first cousins, Barry Andrews and Chris Andrews, have sat in Dáil Éireann as Fianna Fáil TDs, the former being a Minister of State for Children in the coalition government of Brian Cowen, since then becoming chief executive of aid charity GOAL.[citation needed]

Tubridy started in broadcasting at the age of 12, reviewing books for the RTÉ 2FM show Poporama presented by Ruth Buchanan.[34] He earned £25 per show. After leaving college he became a runner in RTÉ, initially working on The Gerry Ryan Show as maker of tea and coffee.[35] Tubridy said at the death of Gerry Ryan that "The moment I set foot in RTÉ, he put his wing around me and said: 'I like what you do. I like what you are. I'm going to look after you.'"[1] He credits Ryan for his kindness "in a place which is so full of ego and bizarre resentment".[35] Tubridy was also influenced by the "nerd made good" style of British broadcaster Chris Evans.[36]

Later he worked as a reporter for Today with Pat Kenny, as well as occasionally presenting the radio news show Five Seven Live. In the summer of 1999, Tubridy presented Morning Glory on RTÉ Radio 1 and in July 2000 he moved to The Sunday Show. From 2002 until 2005 he presented RTÉ 2fm's morning breakfast show, The Full Irish.[37] The move to the morning by Head of 2fm John Clarke was seen as risky, with station insiders disapproving and Hot Press publishing a double page editorial with the headline "station in turmoil".[38] Within one year its ratings had soared and Tubridy was given a major award.[38] When The Full Irish ended it was the second most popular radio programme in Ireland, after Morning Ireland.[12] Clarke later described moving Tubridy to the morning as the best decision of his 25-year career in radio.[38]

He previously wrote a column for the Sunday World in which he expressed amongst other things his support for Barack Obama, "one of his favourite singers" Fionn Regan and the success of Kenny Egan, a silver medal winning boxer at the 2008 Summer Olympics.[39] He later interviewed Said Obama, the uncle of U.S. President Barack Obama for The Tubridy Show. Tubridy has hinted that he would consider making the move to new pastures if the opportunity arose.[40]

After finishing The Tubridy Show on 16 July 2010,[46] he began presenting Tubridy on RTÉ 2fm on 20 August 2010, surprising listeners by starting the programme three days earlier than what was originally scheduled for 23 August.[47] His first guest on the programme was Bono.[48] His RTÉ Radio 1 slot was filled by John Murray.[46] Tubridy became synonymous with declining listenership figures, a 40% collapse of which by 2011 coincided with increased listenership figures for its rival The Ray D'Arcy Show.[49][50][51]

In May 2011, the Broadcasting Authority of Ireland upheld a complaint against Tubridy who called a paedophile a "monster" and "creature" and added: "From what I gather these guys cannot be quote uncured ... only one way to deal with them, and that's physiological ... these guys should have bits taken off."[52]

In July 2010, Tubridy's agent Noel Kelly confirmed that Tubridy was offered by the BBC to present a summer filler for Jonathan Ross's BBC Radio 2 programme. He turned down the offer citing preparations for The Late Late Show and after the death of Gerry Ryan.[53] It was confirmed that Tubridy would present the slot for 8 weeks from 23 July 2011, covering for Ross' replacement, Graham Norton.[54]

Tubridy sacrificed his Christmas holidays in 2011 to work for the BBC again, this time as a replacement for Ken Bruce on Radio 2.[55][56] Amid constant media criticism related to declining

listenership and viewership figures, he has been receiving support from Chris Evans and has been defended by Vincent Browne.[9][57][58][59] Tubridy has also stood in for Chris Evans on the Radio 2 Breakfast Show.

Tubridy attracted criticism for his refusal to take a pay-cut in early 2009 even when colleagues such as Pat Kenny and Marian Finucane approved of their own salary cuts.[60] He was soon the subject of a hate campaign on social networking site Facebook[61] but later opted to take a 10% pay cut.[62][63][64] He is not an RTÉ employee, but is a contract employee and pays himself €283,756 a year from his production company, Tuttle Productions.[65] He admits to not feeling particularly guilty about his €500,000 salary.[66]

Tubridy hosted the EsatBT Young Scientist and Technology Exhibition at the Royal Dublin Society, in 2003 and 2004. Also in 2003 and 2004, he presented the Rose of Tralee competition.[67] In 2003 and 2004 he presented a game show called All Kinds of Everything. He presented the RTÉ People in Need Telethon in 2004 and 2007.

In October 2004, Tubridy Tonight began, his own live Saturday night chat show seen as a successor to Kenny Live (formerly Saturday Night Live). Tubridy's colleague Pat Kenny (former presenter of Kenny Live and then host of The Late Late Show) queried Tubridy's fast-paced lifestyle and recommended he slow down.[68] Tubridy initially announced his intention to take over the hosting of The Late Late Show from Kenny but he later stated that he would remain as host of Tubridy Tonight, describing it as his "Jim'll Fix It job" and "little fun-size legacy".[69]

It was announced on 11 May 2009 that Tubridy would indeed succeed Pat Kenny as host of The Late Late Show.[70] He vowed to bring back Gay Byrne's "one for everybody in the audience" catchphrase, described by Will Hanafin in the Irish Independent as an attempt to "dig up more old relics than archaeologists would on an excavation", in reference to Tubridy's passion for history.[71] Tubridy said he was "very taken aback" to learn he had been selected, describing it as "a humbling honour to be asked to present such an iconic programme".[72] He described Tubridy Tonight as "quite the odyssey".[73]

For more than €100,000 HarperCollins signed Tubridy as part of a two-book deal.[21] They wanted an autobiography but he persuaded them otherwise.[21] Tubridy's first book, the 302-page[89] long JFK in Ireland, was launched at the Mansion House, Dublin on 27 October 2010.[90][91] While researching the book, he discovered that Ámon de Valera had part of John F. Kennedy's speech to Dáil Éireann erased from the record after finding its content offensive.[92] Contrary to Tubridy's claim, however, the full text of the speech can be found on the Oireachtas website. Tubridy is currently working on a second book.[23]

Tubridy co-wrote the title track, "We Are Where We Are", of Paddy Cullivan's extended play, released in October 2010.[93] The writer and broadcaster commented: "Paddy is a pal and we would have conversations a lot over a pint of Guinness".[90] He also sang a song on The Late Late Toy Show in 2010, becoming the first host to do such a thing.[94]

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