

## A Culture of Improvement

August 6<sup>th</sup>, 2016

By Mike Bentley

### Round 3

**1. Pratt and Whitney, a firm which made a device that could accurately measure distance down to one ten thousandth of an inch, was included in a recent Smithsonian exhibit on this "Place of Invention". A mill in this city provided the cloth for the suit worn by George Washington at his first inauguration. The United States' oldest continually operating art museum, the Wadsworth Atheneum, opened here in 1844. Little Miss 1565 and 166 others were killed in a circus fire in this city in 1944. A Patent Firearms Manufacturing Company was established here by (\*) Samuel Colt. A popular nickname for this city stems from it being where CIGNA, Mass Mutual and Travelers are headquartered. It's not located in Missouri, but this city attracts tourists visiting the Mark Twain House. For 10 points, name this "insurance capital of the world", and site of a treasonous convention during the War of 1812.**

ANSWER: Hartford, Connecticut <1>

**2. In a press release from this organization, its then-President Bob DuPuy bragged about a patent it had been granted to selectively block access to content based on a device's network address. This organization recently started letting consumers obtain data such as "perceived velocity" and "STEP" from a set of high speed cameras. BAM Tech was spun-off from this organization and provides the backend technology for Glenn Beck's The Blaze and (\*) HBO Now. In April 2015, this organization agreed to power streams of a rival organization led by Gary Bettman. This organization releases daily XML data dumps from a tool originally developed to provide more accurate animations for the Enhanced Gameday widget. A tech subsidiary of this organization was founded in 2000 by Bud Selig. For 10 points, name this organization whose Advanced Media spin-off lets you watch Red Sox games.**

ANSWER: MLB Advanced Media [or Major League Baseball; accept BAM Tech before mentioned] <1>

**3. A 1998 act provided new source material for Annie Jacobsen's book on this operation. Many of the people targeted in this campaign appeared on the Osenberg List, which was found hidden in a university toilet. Over five hundred tons of tabun was shipped across the Atlantic as part of this operation. It's not the Manhattan Project, but Albert Einstein and Eleanor Roosevelt both spoke out against this program, whose British counterpart was Operation Matchbox. This plan was put in motion following Operation (\*) Osoaviakhim by the Soviet Union and was originally codenamed Overcast. Space-suit inventor Hubertus Strughold was helped by this program. Beneficiaries of this program included Walter Dornberger, Arthur Rudolph and Wernher von Braun. For 10 points, name this operation of bringing Nazi scientists to the United States, codenamed for the common piece of office equipment that held together the lengthy dossier of "troublesome" Nazis.**

ANSWER: Operation Paperclip [accept Operation Overcast before mentioned] <2>

**4. Every Thursday, Brocks Fireworks put on a free display at this building. August Manns served as music director of a school named for it. Augustus Pugin designed the Medieval Court for this building, which was commissioned by Christmas Card inventor Henry Cole. This building was based on an earlier design called the Giant Stove made for the Duke of Devonshire. Special "glazing wagons" which ran along tracks allowed men to efficiently glaze this structure, and many of its workers went on to build roads in (\*) Crimea. George Jennings' flushing Monkey Closet toilet wowed visitors to this building, which was reconstructed in a new location on Sydenham Hill in 1854. It burned down in 1936. It was the brainchild of greenhouse builder Joseph Paxton and made innovative use of cast-iron and plate-glass. For 10 points, name this building used for an 1851 exhibition in London.**

ANSWER: The Crystal Palace [do not accept the "Great Exhibition", as that's not the name of the building] <2>

5. A part inspired by a perfume puffer was included in the first device of this kind made by Frank E. Stanley. A pen-like device of this kind was manufactured by the DeVilbiss Company of London. The Paasche AB turbo is one of the most celebrated of these things, which are made in great numbers today by the Iwata Company. The Illinois Art School was founded in order to meet the demand in how to teach people to use the first mass-produced devices of this type made by the Walkup brothers. One of these things was used by Syd Brak to create *Long Distance Kiss*, which was hanging in a lot of dorm rooms in the 1980s. Roger Huyssan used one of these devices to create the (\*) cover for Boston's album, 1976. An early one of these devices was Abner Peeler's paint distributor. These devices are often used to provide quick color by caricature artists at amusement parks. For 10 points, name these devices used to retouch analog photographs.  
ANSWER: **airbrushes** [prompt on paint distributor before mentioned; do not accept "paint brush" or "spray paint can"] <2>

6. A project championed by this man is now producing EPIC images of Earth, the first such since the Blue Marble picture. This man sponsored NASA's DSCOVR program. He currently spends about half of his time working with David Blood and other partners at a hedge fund called Generation Investment Management. William Tucker blamed this man for convincing his fellow partners at VC firm Kleiner Perkins to make bad bets on Fisker and related companies. Phil Schiller relates how, when prepping for a 2003 iChat product launch, Steve Jobs once mooned this (\*) Apple board member. With Joel Hyatt and Ronald Burke, he founded Current TV, a network sold to Al Jazeera in 2013. Laurie David convinced this man to adapt a popular Keynote presentation into a high-grossing documentary. For 10 points, name this politician unfairly lampooned for "inventing the internet", who starred in *An Inconvenient Truth*.  
ANSWER: Al **Gore** [or Albert Arnold **Gore**, Jr.] <1>

7. A four-foot-six-inch original contributor to this project liked to extend his already gigantic nose with paper-mache. Henry Haxton devised "A Tournament for Readers!" to promote this product which offered a full Oxbridge scholarship to the winners. Starting in the 1950s, a company named for this project also published the *Great Books of the Western World* series. Wilson has to spend long hours copying from this project at the (\*) Red-Headed League in the Sherlock Holmes story of that name. Pyotr Kropotkin famously contributed to one version of this project from his jail cell in Clairvaux. Under the Sears, Roebuck & Co., yearly small updates were issued to it rather than going several years between editions. The first edition of this work included a treatise on electricity written by Benjamin Franklin. The 32 volume 2010 version of this project will be its last print version. For 10 points, name this venerable encyclopedia.  
ANSWER: *Encyclopedia* **Britannica** <1>

8. In *this* year, patrons first got a chance to see a replica Brontosaurus and eight other full-size dinosaurs built for Sinclair Oil's Dinoland exhibit. Another exhibit debuting in *this* year included a probability machine and an extremely early demonstration of Russian to English machine translation. A structure created for an exhibition in *this* year could seat 500 patrons inside of its People Wall, and was an ovoid-shaped Eero Saarinen design. A Pepsi-sponsored attraction built for *this* year which celebrated UNICEF was later moved to Disneyland to become "It's a Small World". The Ford Mustang and the (\*) IBM Pavilion were hits of a New York World's Fair started in *this* year. Thanks in part to "I Want to Hold Your Hand", US Beatlemania started in this year. For 10 points, in what year were the horrors of nuclear war foreshadowed in the "Daisy" ad against Barry Goldwater?  
ANSWER: **1964** <1>

**9. Cyrano Sciences sells a device for digitizing these things. Hans Laube invented a system for synchronizing these things as a gimmick for a project by Mike Todd, Jr. in the 1960s. Amy Radcliffe made a prototype called the Madeleine which uses headspace technology to record these things. Before founding Times Square's Roxy Theater, Samuel Rothafel used these things to make a 1909 newsreel of the Rose Bowl more exciting. One system for (\*) dispersing these things debuted with the unpopular *Behind the Great Wall*. Cards were used to deliver these things in John Waters' film, *Polyester*. These things were released through the air-conditioning system in a film whose "vision" system propagated these things. For 10 points, name these things which could be released by scratching certain paper cards, triggering one of your senses.**

ANSWER: smells [or scents; or aromas; or smell-o-vision] <1>

**10. A venture by this man to explore for minerals below the seafloor was in reality a CIA-backed ruse to find a Soviet nuclear sub but inspired other businessmen to set up the first real deep-sea mining companies. This man's father made his fortune by inventing a namesake rock bit. One bullshit story holds that this man was saved on Highway 95 by Melvin Dummar, and in gratitude made out his "Mormon Will". Terry Lenzner has claimed that a belief that Democrats had secret information about this man's loans to Donald (\*) Nixon motivated the Watergate break in. At 18, this Humble, Texas native inherited a million-dollar fortune from his father's namesake Tool Company. In his *1-B Racer*, this man smashed a record previously held by the *Caudron* under the watchful eye of Amelia Earhart. For 10 points, name this producer of films such as *Hells Angels*, the subject of the biopic *The Aviator*.**

ANSWER: Howard Hughes <2>

**11. One poster in support of this type of campaign is of a woman sitting in a chair with the slogan, "Now I'm Satisfied!" and was designed by Lester Beall. An agency carrying out this type of campaign was made permanent by the Norris-Rayburn Act. FDR got the inspiration for a campaign of this type after visiting a polio treatment center in Warm Springs, Georgia in 1923 and appointed Morris L. Cooke to carry out the campaign. Henry Fonda played a man employed in a campaign of this type in the 1937 film *Slim*; Fonda's character worked as a (\*) lineman. Rural co-ops created in service of this goal were accused of hoarding copper in World War II. It's not flood control, but in order to achieve this goal, a structure near Muscle Shoals was built by the TVA. For 10 points, name this type of project which built up and extended the grid so that everyone could take advantage of lightbulbs and appliances.**

ANSWER: electrification [or rural electrification; or building power lines; or other answers like that; prompt on ending rural poverty] <1>

**12. This juggling enthusiast for some reason built a manikin in the form of W. C. Fields that, you guessed it, could juggle. His PhD on "An Algebra for Theoretical Genetics" was delayed by his poor marks in German. This inventor of a rocket-powered Frisbee made a rare appearance in 1985 when Solomon Golomb accepted his namesake award. He named one of his inventions the Thorbac, which stands for "Thrifty Roman Numeral Backward Computer". Under the guidance of Amos Joel, this man's MIT master's thesis revived a system invented by George Boole and was hailed as the "Magna Carta of the communications age" after being published in the 1948 edition of the *Bell System Technical Journal*. This man's Boston residence was known as (\*) Entropy House, a nod to the namesake type of entropy he formulated. For 10 points, name this inventor of the bit and "father of information theory".**

ANSWER: Claude Shannon <3>

**13. Note: we're looking for something with a specific name. A sick patient almost played Person from Porlock to the physician Edmond Modeste Lescarbault, who was called away from observing this object. Luckily, this object was still visible when Lescarbault returned, earning him the Legion of Honor despite Emmanuel Liais's assertions that it was not visible from Liais's more powerful Brazil-based equipment. The name of this object was coined by Urbain Le Verrier in an 1859 article. The SOHO and STEREO missions had the possibility of studying this object. One theory held that this object explained the (\*) precession of a neighbor, although turns out the precession is explained by Einstein's Theory of General Relativity. It was not seen in an 1878 solar eclipse. For 10 points, name this hypothesized planet near Mercury, which shares a name with Mr. Spock's home planet.**

ANSWER: **Vulcan** <2>

**14. Martin Campbell-Kelly's history of the software industry is titled for beginning at this industry and ending with Sonic the Hedgehog. Roy Nutt, an employee in this industry, was loaned to IBM and worked with John Backus to become the first corporate user of FORTRAN. Bob Crandall, a powerful executive in this industry, admitted to Congress that his company's SABRE program did indeed favor his own company over competitors. A company in this industry bought a Trainer, Pennsylvania (\*) oil refinery in 2012. Computerized systems replaced the inefficient "availability board" and Magnetronic Reservoir used by this industry. For a long time, intrastate companies in this industry such as Muse and L'Express were not regulated. The CAB stopped regulating "legacy" companies in this industry in 1978, giving rise to more hub-and-spoke routes. For 10 points, name this industry, now dominated by companies such as Delta and American.**

ANSWER: **airline** industry [or **air**line reservations; prompt on **travel** industry] <1>

**15. A family of funeral directors with this surname handled the deaths of both George III and George IV. One of those undertakers with this surname was inspired by William Harvey to forego consuming bread, sugar and beer. That same man with this surname wrote *Letter on Corpulence, Addressed to the Public*, which kicked off a low-carb diet craze in the 1860s so popular that the Swedish word for diet is still named for him. Another man with this surname assisted Wilbur Franks in inventing the G-suit but is best known for building on the work of Joseph von (\*) Mering and Oskar Minkowski. That Canadian with this surname gave half of his Nobel prize winnings to his medical student, Charles H. Best, after the Nobel committee passed Best over in favor of J. J. R. Macleod in 1923. For 10 points, give the surname of the man who blocked the pancreatic duct of dogs in order to extract insulin.**

ANSWER: **Banting** <2>

**16. Madeleine Albright's firm earned ten million dollars over six years in part for having Albright serve as a brand spokesperson for this company. For this company's 35th Anniversary celebration at the LA Convention Center in 2015, CEO Michael Johnson welcomed longtime spokesperson Cristiano Ronaldo via video. Stephan Gratziani was caught on video claiming that this company "[sells] to people on a dream" which may have prompted an (\*) FTC investigation. Its sales fell in the early 2000s after many states banned the ephedrine present in some of its products. This company's founder, Mark Hughes, was supposedly inspired to sell products as a healthier way to lose weight. Hedge funder Bill Ackman took out a one billion dollar bet against this company, which he called a "sophisticated pyramid scheme". For 10 points, name this multi-level marketing company which sells protein shakes ostensibly made from plants.**

ANSWER: **Herbalife** International <2>

**17. This company, which probably doesn't operate open-pit mines, was arguably founded and has a street named for it in Hibbing, Minnesota. During the golden age of conglomeration, this company sold toiletries and owned the Armour meatpacking company. In 1999, it merged with a Canadian rival called Laidlaw. In the 1970s, consumers could buy a \$99 99-day Ameripass from this company. This company was prominently featured in the 1934 Frank Capra film, *It Happened One Night*. The PD-4501 (\*) Scenicruser was manufactured exclusively for this company. This company partially traces its origins to the Mesaba Company, which operated jitneys in the 1910s. This company's property was firebombed in Anniston, Alabama in 1961 to stop activists from enforcing *Boynton v. Virginia*. Chinatown-based rivals to this company have forced it to start operating the discount Bolt line. For 10 points, name this national bus company.**

ANSWER: Greyhound Lines, Inc. [or the Greyhound Corporation] <1>

**18. A company named for this man distributes the *New York Review of Books*. After announcing that, thanks to Ruth Carter Stapleton, he had converted to Evangelical Christianity, this man announced that he'd give new names such as "Turkey of the Month" and "Chester the Protector" to some recurring features. This man once published a satirical advertisement for Campari where the interview subject declares that his first time occurred in an (\*) outhouse when the subject and his mother were "drunk off our God-fearing asses". He was the first to nationally publish "pink shots". This man reversed his earlier mentioned religious conversion after he was shot by Joseph Paul Franklin, leaving him paralyzed. He was played by Woody Harrelson in a 1996 dramatization of a trial involving Jerry Falwell. For 10 points, name this publisher of *Hustler* magazine.**

ANSWER: Larry Flynt [or Larry Claxton Flynt, Jr.] <1>

**19. Jim Carpenter has reverse engineered this service's client. Preservationists have resurrected parts of this service with local STAGE.DAT files, once thought to be the source of spyware. It's not Teletext or Videotex, but graphics in this service were drawn using an object-oriented variant of NAPLPS rather than a pixel-by-pixel approach. The "classic" variety of this service was closed in 1999 on a bullshit Y2K bug justification. Russ Brown recreated this service's *MadMaze* game. At one point, users of this service were charged 25 cents for each e-mail they sent after exceeding a 30 e-mail limit. This service briefly charged an hourly rate for its popular message boards, whose posts had to be individually approved by censors. ESPN's first online content was published on this service. In 1990, this service was second in subscriber numbers to CompuServe, and it was eventually overtaken by AOL. For 15 points, name this early online service.**

ANSWER: Prodigy <4>

**20. This man operated Mississippi's first luxury motel, where guests could pay to have a crow named Jim Crow pick the coin from their cuff. On May 7th, 1931 this man was driving a car from Hell's Half-Acre which got into a gunfight with Matt Stewart, who was painting over a rival's service-station ad. While this man was on an unsuccessful trip to Australia to cure his swearing habit, Pete Harman reverse-engineered his best-known product. This man got screwed when his business was bought by Smirnoff distributors Heublein Inc. After handshake deals, (\*) restaurant owners would receive packets of a key component of his product. This man supposedly cursed the Hanshin Tigers and was a mentor of a young Dave Thomas. In recognition of this man's charity work in Corbin, Governor Ruby Laffoon awarded this man an honorific title. Recently, this man has been played by Norm McDonald and Jim Gaffigan. For 10 points, name this founder and mascot of KFC.**

ANSWER: Colonel Sanders [or Harland David Sanders; prompt on The Colonel] <1>

**21. Milton, Massachusetts men Thomas Crehore and Jazaniah Ford were the first people to manufacture these things in the United States, with some of the initial runs featuring an image of the seal of the United States on them. Konrad Witz has sometimes been identified as a German master engraver of these things. "Ned Stokes" and "The Earl of Cork" were old slang for some of these things. Examples of these things from fifteenth-century Germany often contained bells, leaves or acorns. Fusajiro Yamauchi founded a (\*) Kyoto-based company to manufacture some of these things known as *Hanafuda*. These things were Nintendo's first business. A blank image of Rafi Abd Al-Latif Tilfah appeared on a popular set of these things made during the start of the Iraqi War. For 10 points, name these things which are sold in packs by companies such as Bicycle.**

ANSWER: playing **cards** [accept **Hanafuda** cards before mentioned] <1>