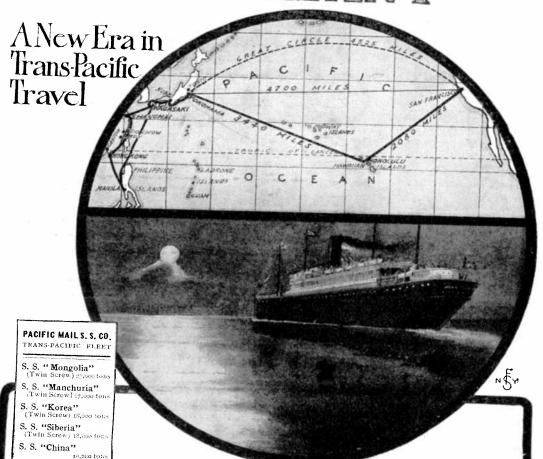
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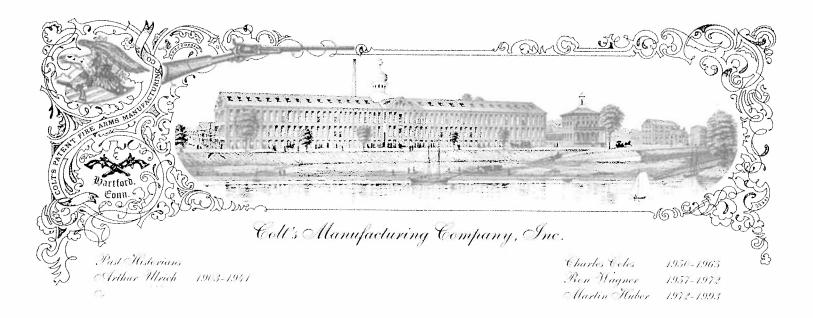
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Colt, by the means of this letter, is proud to authenticate the manufacture of the Colt firearm with the following serial number:

COLT SINGLE ACTION ARMY REVOLVER

Serial Number:

Caliber: .45/c Barrel Length: .45/c

Finish: Blue Type of Stocks: Rubber

Shipped To: Colt's Patent Fire-Arms Mfg. Company

175937

San Francisco Agency

Address: San Francisco, California

Date of Shipment: February 05, 1898

Number of Same Type
Guns in Shipment: 25

We trust you will find the historical information, retrieved from the original Colt shipping records, to be of interest.

Sincerely,

Kathleen J. Hoy

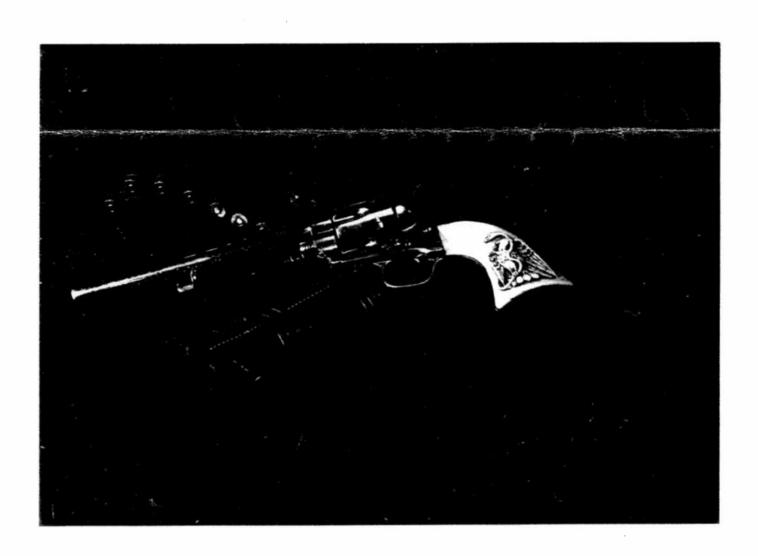
Historian

\$2005 Colt's Manufacturing Co., Inc





From Texas and The Old West



Jerry R. Hemphill



Serial No. 67897. 7 1/2" Colt .45, carved UTAH 1882 in right grip: This pistol was found in the desert in the early 40's buried in the sands of time.



Collection of Cary Helin

Serial No. 175937. 7 1/2" Colt .45, blue finish: Only known single action stamped P.M.S.S. Co. on left side of barrel.

STEAMERS TO THE ISTHMUS

Steamboat Bill - Summer 1991 Journal of The Steamship Historical Society of America (Courtesy of Ted Bailey, CHS '68)



Click for larger image Photo Courtesy of Dan Gomez

The Panama Railroad Company was incorporated in New York on April 7, 1849, to construct and operate a railway across the Isthmus of Panama. Work began in May 1850 and service commenced on January 28, 1855.

Essential to the railway link between the two oceans was a connecting ship route from New York to Aspinwall (now Colon) which began with sailing ships in 1855, as did a steamship service between Panama and Nicaragua, Costa Rica, Salvador and Guatemala. Steam replaced sail between New York and Aspinwall four years later by the North Atlantic Steamship Company, a joint venture of Panama Railroad and the Pacific Mail Steamship Company. The 3,000 grt ADRIATIC, ATLANTIC, and BALTIC were acquired from Collins Line in 1859, but proved too large and were withdrawn in 1863. In 1865 Pacific Mail Steamship Company assumed the operations, providing service to both the Atlantic and Pacific terminals of the railroad. In 1881, the French canal company, obtained control of the Panama Railroad, but left its management in the hands of its U.S. operators.

On February 1, 1893, the agreement with Pacific Mail ended. The Panama Railroad then formed its own shipping company, the Colombian Line, which provided service between New York and Colon utilizing chartered tonnage. Re-named Panama Railroad Steamship Line on January 1, 1896, the line passed on May 4, 1904, to the U.S. government after it assumed the canal project. Operated by a Board of Directors appointed by the Secretary of War, the line played a critical role in the canal construction.

Operations began with the 2,600 grt screw-steamers FINANCE and ADVANCE built in 1883 and 1882 for the United States & Brazil Mail Steamship Company and ALLIANCA (b. 1886/3,905 grt). In 1905, Ward Line's HAVANA and MEXICO were chartered and renamed PANAMA and COLON. The FINANCE sank off Sandy Hook on November 26, 1908, after a collision with the White Star liner GEORGIC.

Two vessels which would long prove the mainstay of the service were purchased in 1908: TREMONT and SHAWMUT (9,606 grt), built in 1902 for the Boston Steamship Company. Their first sailings as CRISTOBAL and ANCON were on June 25 and July 22, 1909 respectively. Fittingly, the line's ships inaugurated the Panama Canal in 1914 with ALLIANCA the first to pass through Gatun Locks on June 8, CRISTOBAL the first to make a test passage through the Canal and ANCON the first to make an official transit on August 15. To supply U.S. Marines stationed there, calls at Port-au-Prince, Haiti, began in 1917.

The CRISTOBAL and ANCON were refitted in 1919-20, which included oil firing and new accommodation for 150 passengers. These 12.5-knot vessels maintained fortnightly, eight-day sailings to Cristobal. The Lake-class freighters LAKE FLATTERY and LAKE FANQUIER were purchased from the U.S. Shipping Board in 1923 and 1925, and as BUENVENTURA and GUAYAQUIL maintained the cargo service.

After Congress overruled President Hoover's desire to disband the line in 1932, plans for new tonnage began, but came under attack from privately-owned companies opposed to a government-owned line diverting commercial trade.

CONTRACT & CONSTRUCTION

As America began to strengthen defenses of the Panama Canal, new building plans were revived in late 1936. This coincided with legistration to revive the U.S. Merchant Marine, and led to the creation of the Federal Maritime Commission which subsidized vessel construction and operation. After the Merchant Marine Act of 1936 had reaffirmed government encouragement of private steamship companies, upgrading a government-owned line prompted opposition; to which Panama Railroad responded by citing a Supreme Court decision of October 1935.

"We attach no importance to the fact that the railway company has utilized both its ships and railroad to carry private freight and passengers. The record shows that this is done to a limited extent compared; and that it is only incidental to the government operations."

Plans were finalized for three vessels designed by the noted naval architect George G. Sharp, to offer 52 passenger sailings a year versus the then present 26. They were wholly financed from profits, reserves and depreciation funds accrued over the years by Panama Railroad under the shrewd management of T.H. Rossbottom.

Bids were received on April 16, 1937, from Bethlehem Steel Co. (\$4,040,000 per ship), New York Shipbuilding Corp. (\$4,076.000 per ship), Federal Shipbuilding and Newport News Shipbuilding & Dry Dock. On May 20, Secretary of War Harry H. Woodring announced a contract with Bethlehem Shipbuilding for "three modern fast fireproof combination passenger-cargo liners" of 10,000 grit, carrying 200 passengers and 100,000 cubic feet of cargo with a speed of 16.5 knots from steam turbines. Alternative specifications for diesel propulsion had been given, but no such bids were received. The ships were to be built at the Fore River Shipyard, Quincy, Massachusetts and delivered in 18, 20 and 22 months respectively.

Assigned yard numbers 1467, 1468 and 1469, the keels of the first two were laid down on October 25 and the third on November 15, 1937. Yard No. 1467 was christened PANAMA on September 24, 1938, by Mrs. Raquel de la Guardia de Boyd, wife of Dr. Don Augusto S. Boyd, Panama's ambassador to the United States. The 6,000-ton hull was 98 per cent complete with 90 per cent of the machinery also in place. On December 10, Mrs. Harry Woodring launched No. 1468 as ANCON. No. 1469 took to the water as CRISTOBAL on March 4, 1939, sponsored by Mrs. Clarence S. Ridley, wife of the Governor of the Panama Canal Zone, Brig. General Clarence S. Ridley.

The maiden voyages were announced on January 8, 1939; PANAMA on March 30, ANCON on June 8 and CRISTOBAL on August 18. On February 18, PANAMA's trials were set: first pierside machinery tests on the 21st, builder's trials on the 28th and acceptance trials on March 7. Evidently something proved amiss, for on March 25 her maiden voyage was set back to April 27. Early on April 6 PANAMA left Quincy for Rockland, Maine, where she anchored at 11:00p.m. The next day she ran the Navy's measured mile course and averaged 18.76 knots at 9,138 shp and 98.28 rpm. The service speed of 16.20 knots was achieved at 5,420 shp and 83.88rpm. The very day PANAMA ran her trials, Panama Railroad observed its 90th anniversary; and a government-owned enterprise that was both profitable and essential.

MAIDEN VOYAGES

U.S. Mail Steamship Co. & Connecting \ Pacific Mail Steamship Co.

ONLY THROUGH U. S. MAIL LINE FOR

CALIFORNIA AND OREGON,

via aspirwall and panama.

By order of the Postmaster General, the United States Mail Steamers, with the great CALIFORNIA AND OREGON MAILS, are to be dispatched on the 5th and 20th of each month, from NEW-YORK direct for ASPINWALL; and from NEW-ORLEANS direct for ASPINWALL, on the 7th and 22d. When these dates occur on Sanday, the sailing to be postponed until the Monday following. The Pacific Mail Steamors are to be in readiness for immediate dispatch on arrival of the Mails at Panama.

UNITED STATES MAIL STEAMSHIP COMPANY.

THE FOLLOWING IS A LIST OF THE STEAMSHIPS BELONGING TO THIS COMPANY:

 GEORGIA,
 3000 Tons

 OHIO,
 3000 Tons

 ILLINOIS
 2500 Tons

 EMPIRE CITY,
 2000 Tons

 CRESCENT CITY,
 1500 Tons



Toni
Tone
Tone
Tom

Leaving NEW-YORK for ASPINWALL, on the 5th and 20th of each Month.

The New Steamship El. DORADO and the FALCON will form a direct line between NEW-ORLEANS and ASPINWALL, leaving on the 7th and 22d of each menth, and forming with the Pacific Steamships a Through Line to and from NEW ORLEANS and Ports in MEXICO, CALIFORNIA and OREGON. Passage from New-Orleans can be secured from ARMSTRONG, HARRIS & CO., or JAS. R. JENNINGS, Agents, at that place.

THE RATES FROM NEW-YORK TO ASPINWALL WILL BE

For Ladies' Saloon State Rooms, - - \$65, Second Cabin Standees, - - - \$45. Lower Aft & Forward Saloon State Rooms, 55, And Steerage, - - - 35.

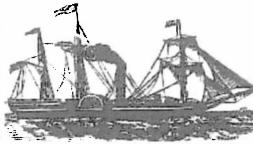


Passenger: are landed at the Railroad Bepot. Aspinwall, parts of expenses. The Railroad being in operation, and fore running over half the distance from Aspinwall to Panama, the transit of the Isthmus may be performed in from eighteen to twenty-four hours—the expense, which varies from S10 to \$25, to be borne by the passengers

PACIFIC MAIL STEAMSHIP COMPANY

The following Steam Packets, belonging to the Pacific Mail Steamship Company, are now on the Pacific, one of which will be always in port at each end of the route:

GOLDEN GATE,...2500 Tons
TENNESSEE,..... 1300 Tons
NORTHERNER,...1200 Tons
REPUBLIC,...... 1390 Tons
OREGON,....... 1099 Tons
PANAMA,...... 1087 Tons
CALIFORNIA,.... 1050 Tons



COLUMBIA, \$00 Tent
CAROLINA, 600 Tent
COLUMBUS, 600 Tent
ISTHMUS, 600 Tent
UNICORN, 600 Tent

The public are informed that, under the new arrangement of this Company, Steamers inspected and approved by the Navy Department, and carrying the U.S. Mails, will hereafter lower PANAMA, immediately on arrival of the Atlantic Mails, and SAN FRAN CISCO on the lat and 15th days of each month, and will touch at AGAPULCO.

A reserve book will be kept at each end of the route to over accidents.

A reserve book will be kept at each end of the route to over accidents.

The new steam-hip COLUMBIA will ply between Sac Princises and Parts in Gregon, awaiting at the former Part the arrival of the Mails and Passengers at The new steam-hip COLUMBIA will ply between Sac Principles and relationship Columbia with the Mails and Passengers for the Steamers from San Francisco. Persons-scarring Through passage by the United State Mail Steamers from New-York, have preference of accommodation on board the Pacific Mail Steamers.

Rates of Fare from Panama to San Francisco on the most Favorable Torms. The

An experienced Suggest in permanently attached to each Steamer in these Lines. Each Passenger is allowed 250 lbs Personal Bangage free, not exceeding to measurement to cubic feet. Freight will be taken to Chagies at 78 cents per foot, and from Panama to fan Francisco at the rate of \$190 per ton.

YOR PREIGHT OR PASSAGE, APPLY TO

CHARLES A. WHITNEY,



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House Flags of U.S. Shipping Companies: P

Last modified: 2004-01-03 by <u>rob raeside</u> Keywords: <u>united states shipping lines</u>

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 - · Pure Oil Co.

See also:

• Index page of US Shipping Companies by name

Pacific Coast Steamship Company

STEAMSHIP CHRONOLOGY





BOOK AVAILABLE BELOW



- **1822** England's S.S. Aaron Manby is the world's first iron steamship. She undergoes trials on the Thames and then goes into service across the Channel, arriving at Paris June 10 with a cargo of linseed oil and iron.
- 1829 New York sailing captain Cornelius van Derbilt. 33. begins building steamboats.
- **1840** The wooden steamship Britannia arrives at Boston on the first voyage of the government-subsidized Royal Mail Steam Packet Co. established the year before by Nova Scotia-born shipper Samuel Cunard, 43, in association with George and James Burns of Glasgow and David M'Iver of Liverpool.
- **1843** The S.S. Great Britain launched July 19 by I. K. Brunel is the first of the large iron-hulled screw-propeller steamships that will dominate the transatlantic trade. The six-masted, single-screw, 3,270-ton vessel is 322 feet in length overall and carries a crew of 130 including 30 stewards, her dining room seats 360, she is the first propeller-driven ship (and first iron ship) to cross the Atlantic.
- **1848** Samuel Cunard's 9-year-old Royal Mail Steamship Line makes New York its base for transatlantic operations.
- **1849** The first gold-seekers from the East arrive at San Francisco February 29 aboard the S.S. California, a **1,05**0-ton vessel in the service of the **new Pacific Mail Steamship Co**. Equipped to accommodate 60 saloon passengers and 150 in steerage, the sidewheeler leaves New York four months earlier almost empty for lack of business, but **picks up South American gold-seekers along the way**.
- **1850** Cornelius van Derbilt establishes a shipping line to California via Nicaragua and cuts the prices charged by competitors.
- The S.S. Atlantic goes into service for the Collins Line (U.S. Mail Steamship Co.) in competition with Samuel Cunard's Royal Mail Steam Packet Co. The 2,856-ton 200-passenger paddle-wheeler leaves New York April 27, damages her side-wheels on ice off Sandy Hook, but breaks the Royal Mail's speed record on her return voyage, crossing in 10 days, 16 hours.
- **1852** The S.S. Pacific goes into transatlantic service for the Collins Line (United States Mail Steamship Co.). A sister ship to the S.S. Atlantic that began service in 1850, the 2,856-ton Pacific is the first ship to cross from New York to Liverpool in less than 10 days.
- **1854** The side-wheeler S.S. Arctic sinks September 27 off Cape Race, Newfoundland, after colliding with the 250-ton French iron propeller ship S.S. Vesta. A sister-ship to the S.S. Pacific that went into service in 1852, the 3,000-ton S.S. Arctic has been the largest and most splendid of the Collins Line steamships, her casualties include 92 of her 153 officers and men, and all her women and children are lost including the wife, the only daughter, and the youngest son of E. K. Collins.
- **1858** "Commodore" van Derbilt sells his New York-to-California shipping line to rivals who will operate via Panama rather than Nicaragua. Van Derbilt takes the \$20 million he has gained in the shipping trade and begins buying up shares in the Harlem Railroad running out of New York City and the Hudson River Railroad running north to East Albany.

1864 The French Line paddle-wheeler Washington arrives at New York in June to begin 110 years of service between New York and the Channel ports by the Compagnie Génerale Transatlantique.

1867 The Pacific Mail Steamship Company begins regular service between San Francisco and Hong Kong.

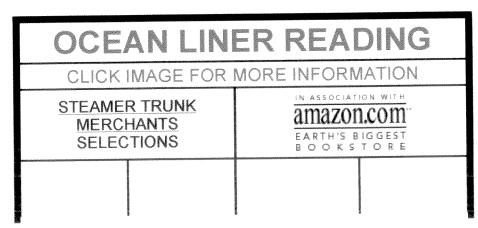
- 1881 The S. S. Servia goes into service for Britain's Cunard Line. It is the world's first steel ocean liner.
- **1891** The S.S. Empress of India, S.S. Empress of Japan, and S.S. Empress of China begin service out of Vancouver as the Canadian Pacific Railway moves into shipping.
- **1899** Minor Keith sees an opportunity for passenger traffic on the Fruit Company's banana boats and charters four new ships built originally for the U.S. Navy. The Great White Fleet he establishes includes the S.S. Farragut, S.S. Admiral Dewey, S.S. Admiral Schley, and S.S. Admiral Sampson, each able to carry 53 passengers and 35,000 bunches of bananas.
- **1904** The British passenger liner S.S. Baltic goes into service to begin a 29-year career. The largest passenger ship yet built, the 23,884-ton vessel is 726 feet in length overall.
- The S.S. Kaiser Wilhelm II, built in 1902 for the North German Lloyd line, sets a new transatlantic record in June by steaming from Sandy Hook to Eddystone, off Plymouth, in 5 days, 12 hours.
- **1907** The S.S. Lusitania launched by Britain's Cunard Line makes her maiden voyage. The 31,550-ton Lusitania is 790 feet in length overall with four screws, can carry 2,000 passengers and a crew of 600, and is by far the largest liner afloat.
- The S.S. Mauretania launched by Cunard Line will remain in service until 1935. Slightly smaller than her sister ship Lusitania, the four-screw liner burns 1,000 tons of coal per day and requires a "black squad" of 324 firemen and trimmers to feed her.
- **1912** The S.S. Titanic of the White Star Line scrapes an iceberg in the North Atlantic on her maiden voyage, sustains a 300-foot slash, and sinks in 2½ hours on the night of April 15. The three-screw passenger liner of 46,328 tons, 882 feet in length overall, is the world's largest passenger liner, she has been called "unsinkable," but only 711 of the 2,224 aboard survive, and the 1,513 lost include such prominent millionaires as John Jacob Astor IV, 47; R. H. Macy's Isidor Straus, 67; copper heir Benjamin Guggenheim, 47, and traction heir Harry Elkins Widener, 27.
- 1915 Torpedoes from the German submarine U-20 hit the Cunard Line passenger ship S.S. Lusitania at 2:10 p.m. May 7 off the coast of Ireland, and the huge vessel sinks in 18 minutes killing 1,198 who include 128 U.S. citizens, among them railroad magnate Alfred Gwynne Vanderbilt, 38, and New York theatrical magnate Charles Frohman, 75. It will turn out that the 8-year-old Lusitania carried 173 tons of rifle ammunition, shrapnel casings, fuses, and contraband food from the United States but had no escort and remained on course despite recent U-boat sightings in the area.
- **1933** The S. S. Europa of the North German-Lloyd line crosses from Cherbourg to New York in 4 days, 16 hours, 48 minutes, breaking the transatlantic speed record set by her sister ship the S. S. Bremen in 1929.

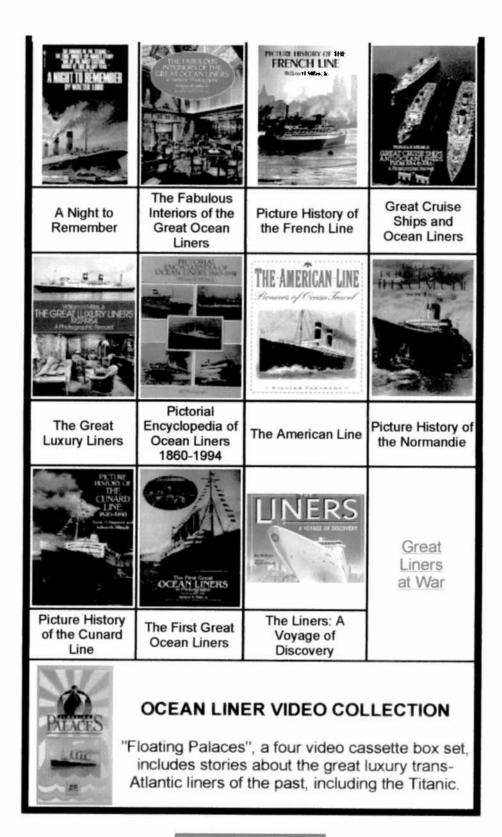
The Italian line's S. S. Rex sets a new transatlantic speed record by crossing from Cherbourg to New York in 4 days, 13 hours, 58 minutes.

1934 The Cunard Line that began in 1839 as the Royal Mail Steam Packet Co. becomes the Cunard-White Star Line by merging with the White Star Line, which it acquired in 1927.

The Queen Mary is launched on September 26th.

- The S.S. Morro Castle catches fire off Asbury Park, N.J., September 8; 125 lives are lost.
- **1935** The French Line passenger ship S.S. Normandie goes into service on the North Atlantic, arriving at New York June 3 after crossing from Southampton in a record 4 days, 11 hours, 42 minutes. The 79,280-ton luxury liner with four screws is 1,029 feet in length overall and has an 80-foot swimming pool, 23 elevators, and a dining room modeled after the Hall of Mirrors at Versailles.
- **1940** Britain completes the world's largest passenger liner and puts her to use as a troop transport. Powered by steam turbines that develop 168,000 horsepower and give her a normal sea speed of 28.5 knots (32.8 miles per hour), the 83,673-ton ship, 1,031 feet in length overall, will go into commercial service for the Cunard Line after the war as the S.S. Queen Elizabeth.
- **1943** As a troop ship, the Queen Mary carries the largest number of persons ever on a single voyage from July 25-30, 1943 a total of 16,683 persons.
- 1952 The United States Lines passenger ship S.S. United States leaves New York July 3 on her first transatlantic voyage and sets a new record. Built with immense 240,000-horsepower steam turbines that can push her at 50 miles per hour and convertible to a troopship that can transport 14,000 men, the \$79 million 53,000-ton vessel is 990 feet in length overall, can carry 1,750 passengers, and makes the crossing of 2,949 nautical miles in 3 days, 10 hours, 40 minutes, averaging 35.59 knots per hour (more than 40 mph).
- 1959 The S.S. Rotterdam, launched by Holland-American Line, is a 38,645-ton luxury liner.
- 1961 The S.S. Canberra, launched for the Cunard Line, is a 44,807-ton passenger liner 818.5 feet in length.
- The S.S. France launched by the Compagnie Générale Transatlantique is the longest and last of the great transatlantic passenger liners. Measuring 1,035.2 feet in overall length, the \$81.3 million 66,348-ton French Line ship will make her maiden voyage from Le Havre to New York beginning February 3 of next year.
- 1965 The S.S. Michelangelo and the S.S. Raffaello go into service for the Italian line. The 45,911-ton sister ships are each 904 feet in length overall.
- 1967 The Queen Mary departs Southampton on its final voyage to Long Beach, California, where it becomes a museum and hotel.
- **1968** The S.S. QE 2 launched by the Cunard line replaces the 83,673-ton Queen Elizabeth launched in 1940. The new 66,850-ton passenger liner is 963 feet in length overall, carries nearly 3,000 people including crew, and has four swimming pools, 13 decks, 24 elevators, and a 531-seat theater.
- **1969** The United States Lines retires its passenger ship S.S. United States after 17 years as competition from transatlantic air carriers and foreign flag liners makes U.S. passenger vessels unprofitable.





STEAMSHIP



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F. A Complete Copy of VERRY R. HEmpHill'S BOOK Colts FROM TEXAS AND THE OLD WEST" THIS BOOK IS FROM ME to goy ASH-GIET

IF you REEP THE GUN . PICTURED ON PAGES:

IF YOU USE THE GUNI IN A DISPLAY A BOOK - HELPS

HOOF that About All I HAVE ON the COUN I got it FROM PINEY GOODMAN FROM MO. JM GUESSING 15 GEARS AGO IN DENLER I. GALE PINEY 6500 FOR THE CULY BACK THEN. I'VE HAD LOT TALK 4BOUT IT At 7500 But I SOID IT A+650000 TO A FRIEND IN WY. Thanh E. Wterry

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FREE Counters and Services from Andale

ISOOK (COLI, FROM TEXAS AND THE OLD WEST



Collection of Gary Helm Serial No. 67897. 7 1/2" Colt .45, carved UTAH 1882 in right grip: This pistol was found in the desert in the early 40's buried in the sands of time.



Collection of Gary He Serial No. 175937. 7 1/2" Colt .45, blue finish: Only known single action stamped P.M.S.S. Co. on left side of barrel.

To Whom It May Concern:

5

7

2

3

This is to certify that on March 8, 1981, I, Darrel Angles, residing at 6762 Juniper Lane, Placerville, California, did sell to Robert V. Bell, of Creek Park Ranch, Garden Valley, California, one Colt Single Action Army revolver - Serial Number 175937. Said revolver is chambered for the .45 Colt cartridge, and has a seven and one half inch $(7\frac{1}{2})$ barrel marked by engraving with the inscription P M SS CQ, signifying PACIFIC MAIL STEAMSHIP COMPANY.

Sworn to before me May 8, 481 1981 Elegobor Mon



ELIZABETH GREEN

NOTARY PUBLIC
EL DORADO CO., CALIFORNIA

My Commission Expires Mar. 25, 1983

JANUARY 1981

"Express" Lightnings Luger and P-38 Values

More on the Krummer Lauf

The MacNaughton Hammerless Action

by D.J. Baker

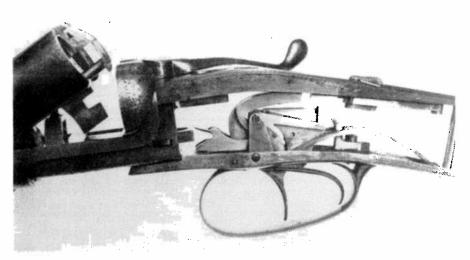
number can be loosely but usefully this aspect of arms development. divided into three broad groups. At one extreme, we have the large pro- those which enjoyed wide use. They

portion that are today known mainly were relatively few, and examples are from their patents. Probably most of these guns were made as prototypes or In the last half of the nineteenth in very limited numbers and are, century, about three hundred patents therefore, very rare. Just how rare were obtained in Great Britain for their owners do not in general realize, hammerless sporting gun actions. This due to the lack of research devoted to

found with a range of retailers' names on them. Some of this group were actually made by more than one maker, whereas others were made in large numbers by one wholesale maker and sold from many outlets.

Those which remain were peculiar The second group consists of to one gunmaker. Some of these were produced in relatively large quantities and were not necessarily entirely built by the vendor's firm, because that is the way the British gun trade organized itself. No matter who actually made them, these guns, each having the distinctive "lines" of the "house" that retailed it, contributed much to the rich variety that is a feature of nineteenth century British gunmaking.

The gun which James MacNaughton of Edinburgh patented on July 12, 1879 in Great Britain as Number 2848 is from this final group and is noteworthy because it combines an interesting mechanism with a particularly elegant exterior. Opinions of this sort are inevitably subjective, but in an age that produced elegant guns as a matter of course, the MacNaughton is an out-

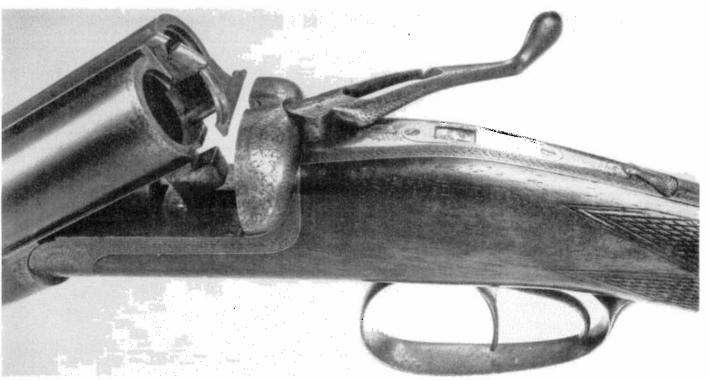


The lockwork of the Edinburgh model.

If I write with affection for the MacNaughton it is because one of these, in fact the 12 gauge gun illustrated, has a rather special place in my affections. I had been writing to an elderly Scots gentleman, who told me that he was giving up shooting and wished to sell his gun. His price was beyond my purse, but I mentioned this to a very good friend in the United States, and he bought it. When I took up this friend's long-standing invitation to visit him, I had a chance to use it in the field. So it was with this gun one golden fall day in Virginia that I bagged my first bob white quail and so became a "quail hunter."



The 12 gauge MacNaughton gun with which the author bagged his first bob white.



Detail of the Edinburgh model. Note the window in the top strap, the opening in the top lever and the bar in the wood stocking.

standing example.

Because in large part it made possible the gun's exterior, the layout of the internal mechanism will be considered first.

The MacNaughton belongs to that class of hammerless shotguns called lever cockers, that is, the lockwork is brought to full cock by working a lever rather than by the motion of the barrels opening and closing. These latter are barrel cockers, but the barrels act as the lever in these cases.

The gun under consideration bears a conventional turning top lever. which also opens the gun, but the clue to its dual role lies in its slightly greater length when compared to the majority of examples. This added length, by giving additional leverage, makes the mechanism easier to operate.

The working of this action is perhaps best understood by noting the photograph of the action minus the stock. Moving the top lever to the right turns a spindle with a lever on its bottom, which withdraws the barrel locking bolts in the conventional way. Pivoted on the tumblers are two pushers which engage with the barrel bolt and thrust back the tumblers to full cock, assuming of course that the gun has been fired. As the tumblers reach full cock they are caught and

held by the sears. Note that these are by Purdey's and Westley Richards. Of placed on the top of the rear of the course there is still a metal action bar, tumbler and so have to be lifted out to but it is sheathed in wood, which is fire the lock. In a sense, this is a why the term wood bar, which is conventional lock upside down.

nism as a trigger plate action; that is, a of carrying the stock wood forward in central upward projection from the this fashion is that the distracting trigger plate is used as a common lock vertical line which results from the plate for both locks which are hung one junction of action and stock is reon each side of it.

tained in the head of the stock, and the more difficult exercise of stocking a an action bar, the gun is perfectly only rarely seen. strong if left slim like a hammer gun. The head of the stock carries on this this gun is a window made in the top line, and the result is an incredibly strap so that a user could actually look slim and beautiful firearm. Unfortunately the accompanying photographs tumblers were cocked. This was prido not illustrate this point as well as marily incorporated as a safety feawould visual inspection.

the appearance of this gun an important stage further. These developments were incorporated in what was locks as he had been used to doing called the Edinburgh Model, which is with a hammer gun. So that the user a bar-in-the-wood hammerless gun. could see into this little window, a slot The inspiration for the bar-in-the-wood style goes right back to the muzzle continued to be used as a feature of the loader, but it was used to an extent on MacNaughton top lever even after the high quality hammer guns, especially

sometimes applied to this idea, is a MacNaughton built this mecha- complete misnomer. The visual effect moved. The hiding of this joint results All the mechanism is thus con- in more flowing lines, which is why the action bar is left solid just like an gun of this type was undertaken. The external hammer gun. The looks of the Edinburgh is not unique as a hammer-MacNaughton are derived from the less bar-in-the-wood, but it is certainly exploitation of this feature. With such the most common, even though it is

A feature of the earlier models of into the works of his gun to check if the ture, because when the hammerless MacNaughton, however, evolved gun was first introduced, much concern was expressed that the shooter could no longer check the state of his was formed in the top lever. This hole window ceased to be made.

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