DESERET EVENING NEWS: SATURDAY, DECEMBER 29, 1900.



SWAN SONG

THE CENTURY

-Come, watch beside my wrinkled face.

People of love, tonight.

Open these pallid eyes, that ere

My hundred years of sight

The legacies I labored for

Are closed, I count the golden gifts

Before the midnight dew-

A NEW YEAR'S POEM

By ALOYSIUS COLL

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N A swift review of what has been accomplished in the century now coming to its end one is most forciknowledge, progress, civilization, is cumulative and continuous. No century or cycle of the world's mons stands by Itself alone and complete; no great in vention has sprung full armed from the head of imperial Jove; but all the cen turies since the beginning of time have been interdependent, forming an un broken (though perhaps at periods interrupted) chain, making, if not for perfection, at least for a higher plane in the cosmic scheme of civilization.

The divine torch of human progress. lighted at the primal flame bestowed by the Creator, has been passed from hand to hand, and in even a brief resume of what this century has done for its successors its indebtedness to the past cannot be ignored.

At the close of the seventeenth century, for example, "the stupendous mind of Newton and the penetrating genius of Locke had laid their systems of matter and mind before the world." | 1814, and in 1829 one that attained a And who can gauge the influence of such speed of 35 miles an hour. The first minds as Franklin, Buffon, Cuvier, Count Rumford, Paine, Washington, Jeffer- Baltimore and Ohio, 14 miles long, openson and a host of others who lived and ed 1800, the year in which the late Peter applied their talents to the solution of Cooper built his locomotive which atproblems having a worldwide signifi- tained the speed of 18 miles an hour, cance in that formative period known and was not only the first one built this as the eighteenthcentury? Some of them side of the Atlantic, but the first to wrought blindly, as the revolutionists draw passengers in America. of France; some intelligently, as the colonials who rose against the usurpa- veloped the vast railway system of the tions of King George III; but the iron United States, with its million miled was on the anvil, and they helped to roadbeds and billions of capital. When

day. Electricity, that great primogenial vocate the building of railways in 1872. force which has revolutionized the he was laughed at because he predictworld, was dimly apprehended more ed that an engine could attain to a than 2.000 years ago. Step by step the speed of 40 or 50 miles an hour, and inventors of the past groped their way said, "I can see nothing to hinder a along, in 1729 discovering the distinc- steam carriage from moving on these

miles per hour.

Occan navigation by steam virtually and fixation on paper, made indefinite sels. began with Stevens' trip to the Dela- duplication of pictures possible. ware river in 1808, but the first steamer to cross the ocean was the Savannah which sailed from Savannah to Russia via England, in 1819. In 1825 a steamer went from England to Calcutta, and in 1828 the Sirius and Great Western left Cork and Bristol, respectively, for New York, which the latter reached in 15 days. Two years later the first "liner was started by the Cunards, and in 1847 the first transatlantic screw steamer, the Massachusetts, was taken across by Captain R. P. Forbes, who then was on his way to introduce steam vessels into Chinese waters.

A search for the first rallroad might take us back almost to prehistoric times, but the first steam rallway was opened in England, 1825, though Stephenson had a locomotive running in steam railroad in this country was the

From these small beginnings has deforge it into the perfect product of to- Colonel John Stevens of Hoboken went before the legislature of his state to ad-

ful screw driven steamer in operation. gitive image on the sliver plate in the weapons always won the battles, and better off than in the days of the old that force, which has not yet yielded all THE ROMANCE OF ful screw driven steamer in operation. glive image on the sliver plate in the scapons always won the bart of the screek of the screek of the scapons always won the bart of the screek o bly impressed with the fact that all New York to Albany at a speed of five it was-but the greatest triumph came small, and also with respect to im- tion and multiplication of torpedo boats electric inventions have been adopted when the negative on glass, printing proved or strange types of naval ves- and torpedo boat destroyers. Our gov- and assimilated that the two foremost.

It was within the memory of many So far we have noted the arts and now living that the famous naval duel processes of peace; but in the improve- between ironclads-Merrimac and Mon- stocks England comes out with a "de- for hundreds of inventions, by which that the Spanish journalists have taken ments of instruments and enginery of itor in 1862-showed the great powers stroyer that can knock them all into he has established a record positively up the cudgels and try to prove that destruction that make for war equal how useless were the wooden walls of advance has been made. At the open- their greatest ships and revolutionized ing of the century our armies were the maritime warfare of the world.

equipped with flintlock muskets and ob- Since then has been the era of iron or government shall have fully equip- ventor, of the telephone, which was Montijo and her daughter, did not solete smooth bore cannon, though 900 ships and steel clad floating fortresses, ped itself with a navy perfect in every first exhibited to the public in 1877. The first meet with the approval of the h years had passed since artillery was of gigantic guns and armor plates. The way the invention of the aerial "defirst used by the Chinese, and argue- race between the builders of battle- stroyer" renders it impotent in a mo-

ernment places an order for a certain in their promulgation, Edison and Bell, books have lately been written about number of the former to schedule, say, are still living and hardly past hale the first days of Napoleon III's ruga 20 knots, and before they are off the middle age. To the one we are indebted and the wooing of his beautiful brin cocked hats with its speed of 40 knots unrivaled in this or any other century: this marriage, far from having been the an hour and consequent invincibility. to the other the world points as the outcome of a series of intrigues on the Then, again, when any certain nation chief promoter, if not the actual in- part of the illustrious Comtess nograph, and two years later the first from the compromising attentions of electric railway was constructed and the prince president.

exhibited in Berlin. This was followed closely by Edison and Field's electric of Eugenie and Napoleon took place railway, and today there is no impor- long before the return of the prince to tant town or city without its system of France-that is. In 1846, when they but transit by the underground or over- saw each other at the house of a lady it head trolley.

Davy in 1813, but for many years was the girl because the man was an exile regarded merely as an experimenter's and had in his eyes a sadness which plaything until suddenly there leaped went to her heart. But Eugenie becam out the arc and incandescent systems afraid of this fresh born love, and for which have converted night into day. | three years managed to dodge the The recent advance in electric sci- enamored Bonaparte. ence has been by leaps and bounds, yet Most of the scenes which were said to each succeeding stage in its progress have taken place in the forest of Chashas been the result of long studied prin- tilly-the fallen garter and the defines ciples, each new discovery rendering of Miss Howard, the mistress of the that which followed easier. Every In. prince-all these stories, they say, are

parent at the end of this, the world's on Dec. 31, 1852, in the house of Prince most wonderful century." Even in a cursory review of the een- pany gathered round the monument tury's achievements mention should be marble chimneyplece in her drawing made not only of what it has done for room to welcome the colling of the new America, but what America has done year, which announced itself as being for the century. It is patent to all likely to be most eventful for the Bona-that no notable discovery or invention parte dynasty. Among the guests were has been made that an American did the trio of Spanish beauties, the Con-

NAPOLEON AND EUGENIE

So many pamphlets, memoirs and

According to them, the fi London and were mutually smither The electric light was produced by the man because the girl was lovely

dependent worker has aided every oth- mere inventions, and the real some er until the cumulative product is ap- which decided Eugenie's fate took place Mathilde. She had a numerous con

tion between conductors and noncon- ways (rails) with a velocity of 100 miles ductors; in 1745 giving electric shocks an hour." to skeptics and even talking of apply-The history of the bloycle and the au-

ing the life giving force to the growing tomobile is exactly similar. But if progof vegetables.

ress in terrestrial transport by steam The whole world knows of Franklin's has been slow, what shall we say of experiments in bringing lightning from | aerial transport or navigation of the atthe clouds, but few are aware of the mosphere? Aeronautics as a science fact that in 1799 one Jonathan Grout of was studied faithfully centuries ago, Massachusetts invented a telegraph by and its mythic chronicles take us back which he sent a message and received to the times of the ancient Greek legan answer over a distance of 90 miles. ends, while it is a tradition that Dante Experimentation went on in England, once rose and floated by means of arti-France and Germany, each individual ficial wings. It was the discovery of investigator contributing something to- the properties of hydrogen gas in 1766 ward the final result until, leaping that boosted accestatics into a practical across the intervening years and cross- plane and made possible the suspension ing the boundary between the last cen- of a balloon in air. The first ascension tury and this, the electric spark be- of the Montgolflers in 1783 was by a hot came endowed with almost human cap- air balloon to a height of 200 feet, but abilities of speech when, in 1837, Morse the same year a balloon inflated with filed his caveat for his great invention. hydrogen gas went up about 3,000 feet the instrument which was destined to and remained aloft nearly an hour. transform the world and place far dis- These balloons were captive, and the tant countries in close communication. | first ascent by a human being was Oct. Still, though it has redounded to our 15, 1783, the first free ascent with hu-

credit that Morse was an American, in | man freight being on Nov. 2, same year, strict justice to the truth we cannot in a hot air balloon which sailed over claim that he was the sole inventor of Paris and made a landing safely. the telegraphic instrument. Mighty The following year there were 52 asminds in different lands simultaneously | cents, and in 1785 the English channel

worked out the problem, and, as in the was crossed, one of the passengers becase of the most recent development of ing an American, Dr. John Jeffries of the science, wireless telegraphy, the Boston. It has been amply demonstratmen who appear most prominently ed that one may go as high in a balloon identified with the invention were mere- as the rarefaction of the air will permit. ly adapters and intelligent co-ordinat- and also remain suspended for a long ors. And so with submarine telegra- period, but we are obliged to confess phy. Though Morse laid his first cable that after more than a century of exin 1842 and Colt successfully operated perimentation man has not yetperfected one between Fire island and New York the dirigible machine that will enable city in the same year, theirs were not him to navigate the upper atmosphere the first attempts. But no amount of as readily as he now moves about on disparagement can rob Morse and Mar- land and water. Aerial flotation is an coni of their laurels or deprive Field accomplished fact, has been for many of the title bestowed by John Bright years, and the next great triumph of when in 1827, after years of effort, he mind over matter will be when dirigihad spanned the Atlantic as "the Co- bility is secured. To this end many lumbus of modern times who by his great minds have been working for the cable had moored the new world along. past ten years and more. Professor Langley in the United States has his

launched it and propelled it by means while balloon voyaging preceded travel buses, almost as effective as flintlocks, ships and the forgers of heavy armor of his engine and paddle wheels.

attention of inventors centuries ago. In factors in solving the vexed problem of 1736 Jonathan Hull patented a marine how to nuvigate the air without danger engine for towing vessels, in 1734 James to the pavigators, Rumsey drove a boat on the Potomac Doubliess man's greatest achievetried his model steamboat on the Con- photography, which, so far as can be estoga. But it remained for Robert ascertained, pertains wholly to this

So, also, in regard to the discovery of "aerodrome," Maxim in England his the energy latent in steam; first patent "aeroplane;" but the greater success of for the steam engine was issued in 1705. Santos Dumont in France and Count. but the century was three-quarters Zeppelin in Germany with their balgone before Watt's important improve- loons of the airship type would seem to ments were perfected. In this country, show that the two first named are in 1779, Oliver Evans devised a high working in the wrong direction. Dupressure, noncondensing engine which mont has sailed around the Eiffel tower he placed in flour and maw mills, and in and over Paris at will, while Zeppelin 1804 he built a flat bottomed boat, has made successful ascents from Lake mounted it on wheels, drove it by its Constance and returned without acciown engine to the river bank, and there dent. It is interesting to note that

this engine and paddle wheels. by both steam and electricity, yet in Navigation by steam attracted the the end these last will be important

hullt a steamer on the Seine, and on pers on photography and seemed on the their universal use was not initiated urmor plate and guns have at last this side of the water Colonel John Ste. highroad to success when the French- until late in the sixties. Then it was

And now bequeath to you. came unto the door of Time Artride a weary home. While tallow dips held back the night To guide me on my course: But men shall bear my name away On steaming streaks of steel, And countless stars illume my bier And mourners as they kneel.

I found a quill upon the page Time wrote his records in-'Twas all my fathers used to mark Their sorrow, song and sin-But as I die the fiery dot. The type and golden pen Are flashing out, to every land, My legacies to men. With scythe and sickle, forth I went Into the harvest field: On singing mowers, wide of swath And keen and myriad-wheeled, You hear me coming home to rest, The harvest ripe and done. To overflow the level bins-And die, at set of sun.

The old flintlock, I took it down To rout my early foe. And blew my rloops about the sea. With sails of tilted snow: To you I leave a heavy hail To crush your foer afar, And ships that hide behind the wave-The water-dogs of war. My one hand kindled on the hills The open beacon signs: My other snuffed the fire and raised A net of talking lines. My birth was in a little gift Of quarry, wood and clodi I die within a temple that Is reaching up to God!

were common in the fifteenth century. and of long range, large caliber guns assembled. Then percussion caps were invented, 80 has strained every resource of every

years ago, though they did not come first class power in the world. Lookinto universal use until about 1850. It ing back upon the titanic achievements that had their germination and inflores- and was particularly friendly toward may be forgotten now, but the Amer- of the past quarter century in this diat the speed of four miles an hour, and ments have been in the domain of phys- through with fintlock muskets. Breech- ure, valuable lives and valuable time icans in Mexico fought that war rection, it will be seen that vast freusin 1763 William Henry of Chester, Pa., Ics, and within its scope we may reckon loading muskets and cannon were invented in the second decade of this view of the fact that naval supremacy sufficiently for practical purposes, and that Dagnerre was experimenting, but a hard fought war or two to convince product of yesterday and at a blow des his experiments were conducted in the in 1835 Professor J. W. Draper of the nations of the superiority of the breech- molish the boasted fleets of a nation. years ago. first decade of this century. In 1802 he University of New York published pa- loader over the old fashioned kind, and For battleship builders and forgers of

LEYGB.

The past quarter century has been and Mr. Hyde. The dog lived in New the period of fruition for inventions York and was remarkably well behaved the gentlemen to give their real names. cence in the minds of men who lived in the children in the well bred set in and even after presenting their cards generations gone. Among the great which his lot was cast. His only idlodiscoveries of modern times, that which syncrasy was his habit of disappearing operated to ameliorate mankind's con- for a day or two at a time. During one dition and assuage its pain, is the use of these periods of disappearance a dog of anæsthetics, the first public applica- was caught in a distant section of the

The most noteworthy advance, per- supposed good dog found upon investihaps, has been in the domain of elec- gation that their well behaved and be-

Underneath the fertile soll of in the country. There was no special recognize the immense philosophic im- years. Under existing law the presi-

greater than when Irving and Prescott, But at the very moment when Mapa-

Bancroft and Longfellow, wrote, renown.

teaches that the pendulum of progress | for you." Napoleon kissed the tips of swings only so far onward, then swings the taper fingers. Then he was heard back; but, again, history has never to say, "Next year I shall have hand shown us another century so charged, and brow as well." And the Senora de so vital, with the spirit of progress. It Montijo did not regret that she trod cannot be that all these inventions, hard on the toes of her daughter. these discoveries, shall go for naught. There is no domain, except that of the air, in which man has not apparently mastered nearly all the great mysteries. that of steam, of electricity, of the Roentgen rays, and, reaching forward for new worlds to conquer, it is not plane than ever it held before, and it may be that, standing on the threshold of a new century, with material and physical questions no longer to be settled, the great minds of earth will ponder the well being of their fellow men. Mankind in the nineteenth century

has done a great deal for the advancement of the twentleth; it would seem into the parlor, placing chairs for them the eminently proper thing for the near the door and posting herself quite twentieth century to take hold and do near them so as to watch every movefair play. FREDERICK A. OBER.

A DOG JEKYLL AND HYDE.

Ernest Seton-Thompson, in a lecture recently, switched off in one place from Prince George of Greece had been to pointer-a genuine canine Dr. Jekyll

He was killed, and the owners of the

Cornmeal is the cow feed bought by a great majority of farmers when they

firm for the last five years.

PERTINENT POINTERS.

of about 2,000 volumes, and it forms a church strictly forbids the marriage of has been in command of the Sixth ever what is now the surface of the earth. large part of his comparatively small first cousins.

President McKinley has been smok- est training to keep himself and his orient. ing the same brand of cigar for 14 voice in condition. He consequently years, These cigars were sold him at can allow himself only few relaxations.

Greece has been privately betrothed to in Russia. Princess of Victoria of Wales are de- Colonel Charles W. Miner of the Kansas is the bed of a prehistoric claim on the musician, but the latter portance of the "Upanishads," though dent can at his discretion retire such are short of the grain ration.

The late Senator Davis had a library nied in London because the Greek inary governor of the Island of Negros, of pure salt hundreds of feet under the solid mass of pure salt hundreds of feet under the solid mass of pure salt hundreds of feet under the solid mass the Bard work to the solid mass the Bard work to the solid mass of Lansdowne in 1866 since the battle of San Juan Hill, ex-Jean de Reszke undergoes the sever-Jean de Reszke undergoes the sever-before the regiment salled for the cept before the regiment salled for the charitable doings many instances are Philosophy." a book of 600 pages, ap-include close upon 140,000 acres and officers of 30 years' service are auxious

Senator Baker of Kansas carries a day school in a poor Westminster dis- conversation with a friend relating to and £60,000 per annum. very curious pocket piece. It is a little trict relates that he risked a penny Hindoo philosophy he commented ad-The adjutant general's department The rumors that Prince George of largest and best private racing stables as transparent as glass. It is a piece of the country. There was no special recognize the immense philosophic in-

tion having taken place in Boston 4 particularly savage toward children.

not have a hand in. And this is stat-ed not in the spirit of boasting, but as somewhat dumpy and fat, and her two a simple fact. Not alone in the realm lovely daughters. of science, but in art and literature, At half past 11 the new made emperor particularly in the latter, have Amer- entered the drawing room and adraidy

icans won the recognition of the world, managed to find a seat near Eugenie. The first book was printed in the colo- who looked radiant in a white v nies in 1639, not long after the first col- gown and a bunch of fragrant Parma lege was established, yet it was not un- violets in her brilliant golden hair. At til well into this century that a distinc- 12 sharp, according to a French custam tively national literature was evoked, which lively Princess Mathilde still But it is no longer the vogue in Europe kept up in her hospitable house, each to ask who reads an American book. gentleman turned to the lady on his There are names in our literature that right and respectfully implanted a kiss the world will not willingly let die, and on her brow after having asked for a the promise for the future is even permission which is never refused.

leon was about to perform the agreea-The list of our authors who have ble ceremony Eugenie uttered a sharp achieved universal fame would in itself ery of pain and turned pale. "Oh, mothfill columns; equally true is it of those er," she murmured, "you have but who in other walks of life have won me!" Then, recollecting herself, she lightly pushed back the emperor and The very fullness of this century is presented her long white hand to his provocative of discouragement, for, llps, "Sire," she said, "it is not the after the wonderful things that have custom in Spain for ladies to grant such been achieved, what will be left for coming generations to do? History Year's eve, and this is all that I can du

SHE DIDN'T TRUST THEM.

A good story is told of Prince Waldemar of Denmark and his nephew, The age of Iron has been succeeded by Prince George, governor general of Crete, who recently undertook an excursion together on their bleycles in order to visit the author Swedstrup at improbable that man will take hold of the village of Hellebak, near Helsingor. the ethical and spiritual problems The royal cyclists were overtaken by a which have been waiting since the birth heavy shower and arrived at the villa of time for their solution. Humanita- in a deplorable condition, drenched to rianism-that kind which makes for the skin. A maldservant opened the philanthropy-has reached a higher door, eying the visitors with evident mistrust and saying that her master was not at home, but would probably return in an hour, and that she was quite alone. Great was her astonishment and discomfort when the strangers declared their intention of await-

ing their host and entered. With much hesitation, she led them something for mankind. Turn about is ment. The princes, highly amused at their comical situation, waited half an hour and then decided to return home. telling the girl to inform her master that Prince Waldemar of Denmark and visit him. Scrutinizing their wet and dirty clothes, the girl intimated they were making a fool of her and begged In vain they assured her and protested, and a handsome tip the astonished maid could not bring herself to believe them and was not relieved until she had closed the door upon them.

> BERLIN'S MAGNIFICENT STREET. Berlin boasts that Unter den Linden is the broadest street in any great city. It is 215 feet wide. The Ringstrasse in Vienna is 188 feet wide, the Paris Grand

lent reason why an officer should not

Five hundred motor carriages per

year is the average output of a Farls

be required to remain in active service

ment for the purposes for which it was his wild animals to tell the story of a

Fulton to perfect the first steamboat century. It was about 70 years ago this government in 1818; but it required est invention that shall shatter the tion of ether during a surgical opera-city who was vicious, degenerate and

"fought each other to a standstill," it tricity and the multiple inventions pro-loved pet was one and the same with Boulevarde 122 feet and the Andrassy vens of New Jarsey, 1804, had a success- man finally succeeded in fixing the fu- seen that the army with improved would seem, and we are relatively no ceeding from increasing knowledge of the vicious beast that had been shot. I strasse at Budapest 155 feet wide.

Sixth United States infantry, whom ocean. Ages ago the water of the sent a half guines and thereafter never he had only a wretched translation of officers, but unless there is most excel

fondness for hard work to the end of succeeded to the marguisate and es- all such applications are being refused. Of the late Sir Arthur Sullivan's his life. His "Six Systems of Indian tates, which extend over nine counties. It is said to be surprising how many

forthcoming. One secretary of a Sun- peared in the year before his death. In bring in a rent roll of between £50,000 to leave the active list.