THE OMAHA SUNDAY BEE. FEBRUARY 20, 1910.

The Combat With Ignorance

With Especial Reference to the Modern Newspaper-An Address by Victor Rosewater, Delivered at the Charter Day Exercises at the University of Nebraska, Tuesday, Feb. 15, 1910.

bat with ignorance is constantly progress of society is marked by the steadily advancing outposts of knowledge and truth. Nor need 1 bring provide bat many forces are actively enlisted to. dispel ignorance, to correct error, and to and penetrate still unknown uncover the great educational phalanxes made up closely supported by the huge institution, whose capstone is the modern newspaper; devoted to printing and publishing and disseminating information. It will be no disrespect to the other combatants against ignorance, nor any disparagement of the excellent work which each is doing, if I seek to direct your attention for the moment to a few of the more general aspects of this forward movement of civilization with particular emphasis on the steps that had to be taken before the mighty batteries of our modern era could be assembled and brought into action.

B

It has been often observed that what chiefly distinguishes man from all other living creatures is his capacity for thought and his power to give expression to thought. Through this incalculable adassert his superiority over other animals and to his innate faculty of thought and acquired faculty of communicating thought by speech and writing and printing may be ascribed the marvelous gains that he has scored in the endless combat with ignorance.

in splie of the erudition of our most learned explorers after truth, just when, safety. where, and how the beginnings of human speech occurred, is, and will always be, in its very nature, a subject of purely speculative explanation because there were no contemporaneous means of recording these beginnings and handing them down to posterity. The Biblical narrative that adult man was divinely created and set in the Garden of Eden with all of his possession of a language which was later | turies. confused at the Tower of Babel, does not seem to satisfy iconoclastic scientists who have persisted in advancing other theories as more rational. One hypothesis makes primitive man give utterance by various exclamations to his feelings of pain, joy, or hunger, and makes these interjections the basis of the first oral communication. Another portrays our ur-ancestors as imitating the noises of nature like the whistling of the wind, the chirping of the have sought to study the earliest sounds expressions of the infancy of the race. thing to the "interjection" theory and to the "imitation" theory of speech, are dismeans of expression and communication; that long and laborious trial and experimentation produced a linguistic root repre-

language and speech developed from a sin-

NEED hardly fortify the decia- | English alphabet has twenty-six; the | ward movement is first and which is secration that a world-wide com- Italian only twenty; the Russian forty- ond, either in point of importance or in one; the Sanskrit fifty; the Chinese em- point of time. Necessity is, indeed, the waging around us and that the ploy 214 elementary characters. We also mother of inventions-they are all of esuse other symbols besides the letters-in- sential importance and usually in simultcluding the punctuation marks, numerals aneous germination, yet could not be forthand analogous typographical characters, coming until the conditions were ripe for need. I bring proof to bear me we have in our own English language them. I need only advert to a few of these steps that in this great com-Have you ever stopped to ponder how and upward.

The materials by means of which our far and how fast the combat with ignorance could have been waged had the evo- language has been put into more or less realms. Foremost among those forces are lution of the language halted at the pro- permanent form were originally so costly duction of an alphabet? What if we still as to preclude resort to them for any but of our schools, colleges and universities, had no way of recording thought except extraordinary occasions. The inscriptions by the slow and burdensome formation by on the monuments, the graven tables of up our present institutions on a founda- kings and potentates they had appointed to tion of parchment and stylus is unthink- rule for them over man. Philosophy, sciable; widespread popular intelligence, the ence and history managed to secure repconsequence of our almost universal lit- resentation more frequently when the voleracy that enables one and all to catch umes of parchment and vellum were up with and to keep abreast of the cur- opened up to receive their notations, yet of printing must, perforce, put its impresimpossible. It is no wonder, then, that for more than sion on some cheaper and more easily ob-

2,000 years after the perfection of written tained substitute.

language its possession was limited to the Strange as it may appear, paper derives very few; that the church and the learned its name from papyrus, which is not paper professions, and afterwards the universi- at all. Still more strange, paper was proties, alone preserved the priceless library duced for many centuries by the Chinese vantage man has been able gradually to treasures of the ancient poets and phil- before it was carried to Spain by the osophers, and the costliness of the process Moors. The cargest known mill making of recording or copying their volumes put prper in Europe is site to have teen set of the masses. If, as Max Muller aptly whence manufacture slowly spread. Not says, "language is our Rubicon, which no until the edict of Nantes in 1685 exiled ing, is the bridge which invites humanity paper mill established in England and five

> millin our own country began to revolve otwithstanding the fierce dispute waged at Roxborough, near Philadelphia." for the glory of the achievement, the in- Up to the year 1800, the process of paper

vention of printing is credited to some making was sheet by sheet, almost all by nameless Chinese, who made multiple im- hand. The invention in 1798 of a device pressions from engraved wooden blocks to produce web paper, drawing out the as early as 50 B. C., although it was nearly foundation of rag pulp into a single con- wire which in each local newspaper field 1,000 years later before the art was ex- tinuous piece, proved to be the framework credited with having used moveable types production was reduced and the paper infaculties fully developed, including the as early as the twelfth or thirteenth cen- dustry placed on a firm footing. The still comparative expensiveness of rags incited

In Europe, as I have already observed, constant experiment with a measure of books were produced at first by transcrib- success in the use of Asparto grass, straw ing, most usually on vellum or parchment, and wood. The perfection of the process The elaborate initials were often colored of making paper pulp out of ground wood or illuminated by the monks or clerks who fiber dating in its inception with 1854, while did the lettering and finally about the discstrous to our forests, has brought the thirteenth century, in Spain and Italy, price of print paper down to a few cents a chanism working continuously night and raised blocks of wood employed as a colossal output of printed matter that allabor-saving device and from this slowly most forces intelligence on even those who developed a complete system of type print- prefer to remain immersed in ignorance. bird, the baying of the beast. Still others ing. Whether Jonann Gutenburg or In the interval, the making and compos-Laurens Janszoon Coster has the best ing of the types was by no means at a cle of speed, promptness and accuracy. emitted by infants as likely to reflect the claim to be the inventor I need not attempt standstill. Cutting each letter by hand to decide. While Coster printed with wood out of a wooden block soon gave way to Later philosophers, while conceding some- type in 1428 and later with metal type, cutting out of more durable metal, and Gutenberg's enterorise in bookmaking in this in turn to casting in dies that per-1454 is the one to which we owe the prac- mitted unlimited multiplication. by Harvard college.

Let us dwell briefly on the tremendous mold of plaster of paris out of which he Frankfort Journal has proved up on the senting a particular, yet simple, concept significance to the future of civilization cast a solid reproduction of the assembled that was finally acquiesced in and em- which the invention of the printing process types. This manner of stereotyping was ployed as a part of speech. How many and its successful establishment as a craft brought to Newark in this country in 1813. famous London Times made its initial apthousands of years this process required field within it. We know almost nothing By a French invention in 1829, the plaster must always be mere conjecture. Whether of the life or activities of the human race mold was replaced by one made of papier ularly published in this country is said up to the time of recorded written lan- mache and the papier mache mold dis- to have been the Boston News Letter, Cagliestro Duped the Whole guage, and nothing of human thoughts closed such superior advantages that it is issued the first part of the eighteenth in several places, can never be definitely and aspirations beyond what may be in- today reigning supreme in all modern century. Up to the early part of the nineknown. It is known, however, and the ferred from the purely physical environ-stereotyping rooms. Electrotyping, which wact is used to sustain this so-called "rad- ment and gleaned from meager remnants likewise produces en bloc the assembled fcal" theory of language, that the earliest of archaic handlwork. What we know of types, dates from about 1850. Electrotyping man's history and achievements from the differs from stereotyping in that, instead leteering had previously been the means What one may call the king of Hars?" tain groups and that within the groups acquisition of written language to the in- of being cast from molten metal, the shell vention of printing is fragmentary and is formed by electroplating in copper or expressions for the same concepts that unsatisfactory, derived principally from in- corper composition upon a mold of leadscriptions on monuments and buildings, coated wax, which is later backed up with scrolls of parchment and vellum, and li- wood or metal. Electrotyping usually gives braries of hand-made tomes copied and re- a more clear cut impression, but is likecopied with accumulated errors. The most wise a slower and more costly process. valued works of the most noted authors The acme of the stereotyping art so far of the ancients which we have, have thus reached is the auto-plate device by which, come down to us in mufilated form and after the papier mache mold has been inmany of the most important intellectual serted in the casting box and the machinproductions have been altogether lost. Fry set in motion, a succession of identical Who knows but that hundreds of the prob- completed page plates is ejected so rapidly lems which have exacted years of ex- that a dozen printing presses may be haustive toil from our most brilliant minds started turning out the same imprint in had not been grappled and solved before less than that number of minutes. Gutenberg put togther the movable types The successful reproducing of the assemby which the solutions would have been bled types by stereotyping and electrotypmade indelible for all time to come? We ing noticeably stimulated effort to intromust all agree that printing has been well duce mechanical devices that would lessen defined as "the art preservative of arts," the labor and quicken the pace of the exfor since the invention of printing little listing hand typesetting. Experiments that would be a positive contribution to along this line began as early as 1821, but the progress of mankind has been lost to for half a century met with doubtful rethose to whom printing has been avail- suits. The problem, it seems, presented a able, and the ready accessibility of the re- three-fold avenue of approach. First, the sults previously achieved has enabled each types already separately made, could be new expedition against ignorance to start assembled by machinery. Second, the from the vantage point won by the last types could be cast separately by machinskirmish in the combat. It is because of ery in the order of composition. Third, the invention of printing as much, if not the types could be cast in a ling at a time more, than any other one achievement that in the order of the composition from dies a present-day philosopher could truthfully or matrices separately assembled. transpires that the problem has yielded "Between the birth of human reason and to sll of these solutions. The first mathe invention of writing a long period of chines operated through a keyboard actime elapsed; when the art of writing was tually set up the types as supplied from followed by that of printing, man then grooved feed boxes, which must be reprinted all that he had thought and writ- plevished by a distinct distribution. The ten and at present we possess thousands monotype casts the separate types in any selected 'the later alphabet. Credit for of volumes which will inform us on all order desired and these types may afterthe truths and errors which have alter. wards by used for hand composition the Phoenicians, who utilized these characters nately illumined and obscured the human same as other type. Finally the linotyps perfected in 1884, casts a line of type at a "Many things that our ancestors could time against a row of brass dies, released which prevents us from following up this matic redistribution of the matrices after the "American Commonwealth." James the casting. While all of these so-called the "American Commonwealth." James Bryce calls ours pre-eminently "a govern-

ment of web press printing in 1871 and its aware of it, yet countless millions have subsequent improvement removed the been informed of the penetration of man limit. By feeding the press from a huge for the first time to the earth's axis. When continuous roll of white paper passing over Columbus discovered America, he, himself, one set of cylinders fitted with curved did not live to realize it, and it took a constereotyped plates and under another tury for his achievement to become o similar set of cylinders, both sides are common knowledge or to find its place I printed simultaneously and the paper is the geographies. In our day, the success of then mechanically cut, pasted, folded, a sortie to the pole is made known all over counted and delivered in completed the world to every one who cares to read condition. These presses, driven by almost instantaneously with the annou direct connected electric motors, are ment of the returned explorer. And what now built on the unit system, so that they were the by-products of ignorance thus exmay be expanded, just as may be a unit ploded? The primitive idea was that the system bookcase, and thus made to eat earth was a flat area of solid ground surup one, two, three, six or ten great rolls ronded by water and supporting the heavof raw paper at the same time, con- ens. According to a medieval theory, the verting them into papers of four, six, earth consisted of five zones, only two of eight, ten, twelve pages, or any multiple which were habitable, but separated by an combination of those numbers; in one impassible zone of fire and bordered on or several colors, and apparently this north and south with impassable zones of process could be multiplied almost indef- ice. The rounding of the South African

cape destroyed the zone of fire, but left initely. The production of the modern news- the two poles encased in impassable ice. paper is also largely dependent on, and The imaginary open Polar sea probably its development therefore concurrent with, furnished the foundation for the later the perfection of our means of rapid com- theory of concentric spheres, picturing an munication and transportation. The gath- inner surface of the earth approachable ering of the news today taxes all known through the poles and actually led to hand of each letter of each word at a stone and of bronze, the baked bricks of devices of communication and the distri- petition to our American congress in 1822 time? That much could be accomplished the Assyrians, all had reference for the bution of the printed newspaper calls into for an appropriation to fit out an expedieven by this laborious method must not most part to the laws proclaimed by the requisition all the available facilities for tion to prove the truth of this prolific nobe gainsaid, but that we would have built Gods and the lineage and doings of the transportation. The growth of the news- tion. All these creations of ignorance have paper from a local chronicle of petty hap- been buried past resurrection by the actual penings and neighborhood gossip into the physical human presence at the pole and contemporaneous mirror of world events the practically universal dissemination of could proceed no faster than the evolu- the news of the event. The butcher and tion of these auxiliary agencies. I need the baker and the candlestick maker may hardly do more than refer to the notable debate the rights and wrongs of rival rent world events would be practically to perform the true mission the new art achievements in this field which make up claimants with almost as much assurance a long list, including Fulton's steamboat, as the college professor, because the news-Stephenson's locomotive, Morse's tele- paper accounts have lifted the pall of darkgraph, Field's Atlantic cable. Alexander ness in which the subject was previously

Graham Bell's telephone, Edison's phono- enshrouded. graph, Marconl's wireless, /the automobile The progress recently made in aerial navigation permits of a very similar ob-

and the airship. Other indispensible requirements for the ject lesson. The newspapers have chronmodern newspaper have been supplied by icled far and wide the measure of success the free public-schools, endowing every attained by dirigibles and by aeroplanes. willing child with the priceless boon of When the Hudson-Fulton celebration was the education they afforded beyond reach in motion about 1150 at Fabriand, Italy, literacy and the inauguration of universal impending, diligent search of old flice for contemporaneous descriptions of the Fulmanhood suffrage, instilling a general desire for information and instruction on the ton exploit disclosed the fact that, albrute will dare to cross," the art of print- the French paper makers was the first needs of self-government. It goes without saying that the relative intelligence published in New York, only one of them to pass over the abyas of ignorance in years later the wheels of the first paper of the people of a community determines even mentioned the steamboat trial, and that devoted to it but a few lines. This

the possibilities of newspaper publication. notes one of the defects of the newspaper Last, but not least, should be enumerhistorian-lack of perspective-but it also ated the development of the executive and emphasizes by contrast the great advance organizing ability to utHize all these agenmade in a short hundred years. cles for the purpose of news gathering-

That the modern newspaper has its the human element constituting the live faults, none would deny. It is charged with ascertains what is happening of public in- grasping at the sensational and exceptional tensively practiced. The Chinese are also of modern paper making. The cost of terest and gathers together information with too much avidity. The accusation is made that it sometimes invades personal about it, and the still larger organizing privacy and dilates on divorce scandals, ability that co-ordinates all these smaller yet one of our own learned professors in units into a great co-operative press association to maintain a colossal reservoir of world news into which each nationation is ascribable to emancipation from ignorciation to maintain a colonal terticipating world news into which each participating newspaper pours the important items it newspaper pours the important items it ress, rather than a social atiment. We dehas collected while drawing out what it plore that some newspapers are too often wants of the combined and reassorted acand to exaggerate the less important at these initials were stamped in outline from pound, and has alone made possible the day, on land and on sea, encircling the important. But the newspaper is itself inhabited globe, under high pressure in order to put on the breakfast table each discriminating public opinion, a public opin constantly tested in the fiery furnace of a norning a pen ploture of the world doing ion becoming all the time better educated that, considering the obstacles, is a mira- and more exacting. As the level of popu-After this review, need we anarvel that efforts of press and pulpit, school and unithe advent of the newspaper as we know versity, the standards of all these agencies it is of so recent date? The dispute that are bound to be elevated along with it. has been waged over the first publication Ignorance alone, like a dismal swamp, fur-The entitled to be called a newspaper has been nishes the breeding places of noxious creaposed to believe that the power of thought tical application. The first printing press stereotyping of whole columns and pages as fierce as the controversy for the laurels tures, and each time ignorance is put to developed first and preceded a groping for in England was set up in 1477 by William of typeset matter was inaugurated in 1725 of north pole discovery, but no claim has rout, the circle of intelligence is widened been established that antedates the be- and the power for evil of ignorance is known as the plaster process, taking a ginning of the seventeenth century. The weakened.

Truth crushed to earth shall rise again: Th' eternal years of God are hers; But Error, wounded, writhes in pain, And dies among his worshippers. year 1615, with a close second in a Dutch paper at Antwerp commencing 1616. The pearance in 1685. The first newspaper reg- CROWNED KING OF FAKERS



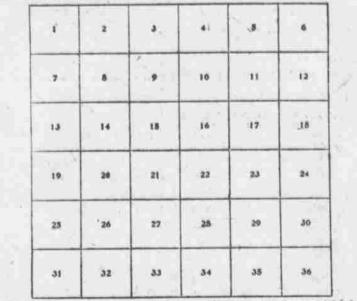
In addition to the above we will also distribute among the lucky contestants in our great square forming contest, plano discounts to the amount of \$8,525.00.

IT COSTS NOTHING TO ENTER CONTEST

We are making this generous distribution of prizes to advertise our business; to advertise the pianos we handle, and to make it possible for a large number of families to secure a high grade instrument at a legitimate saving.

JUDGES OF CONTEST.

In this contest weiplace the matter in the hands of disinterested parties, and the awarding of prizes rests entirely with them. We have selected as judges, the following well known citizens of Omaha: FRED PAFFENRATH, I. KAHN and S. SWANSON.



How many squares, large and small, can you form with the 86 squares in the above diagram?

- EXAMPLE-Nos. 1, 2, 7, 8 make one square 1 Nos. 1, 2, 3, 7, 8, 9, 13, 14, 15 make one square . . 1

-RULES-Small squares used to form larger ones must all join. The different squares you find may be shown in any way you

fit.

It is not permissible to alter size of small squares. The same combination of small squares can be used but once. The squares you form may be shown either with figures or

diagrams. Large square must be three inches square and small squares

one-half inch.

You may use any kind of paper. -CONDITIONS-

Any one may submit one answer. No one connected with this firm, or any one interested in the plano business in any way will be eligible to compete. Persons already owning upright planos will be barred from first prize. In the event of a tie, neatness and originality will be considered. You must write your name and address plainly on the back of your answer, also state whether or not you have an upright or square piano. State number of squares.

DISTRIBUTION OF PRIZES

Besides the three grand prizes, \$8,525.00 in plano discounts will given away as follows: Next five best answers, \$100 discounts. Next ten best answers, \$80 discounts. Next twenty-five best answers, \$75 discounts. Next thirty best answers, \$70 discounts. Next fifty best answers, \$65 discounts. To all contestants who do not succeed in winning one of the above awards we will present free a handsome tri-colored print mounted on white mat paper

CONTEST CLOSES WEDNESDAY, MARCH 2, 1910

MAIL OR BRING YOUR ANSWERS TO,

recorded words may be classified in cerand across the groups are similarities of warrant belief, if not a single source, at least in an early interchange that exerted a strong influence on the language roots. If the establishment of a language had stopped with the production of intelligible speech, humanity could never have gotten out of its swaddling clothes and all our efforts to fathom the workings of nature. to teach law and morality, to inculcate religion, to extend the bounds of science, would have been so handicapped as to retard our progress to the proverbial snail's pace. By word of mouth primitive man could learn to communicate with his fellows, but only in one another's actual presence. The thought, or idea, could be made to span neither time nor distance without the help of a living messenger to transmit it. 'The art of writing was needed to give permanence to spoken language. Tones, inflections, gestures, could not be reproduced in signs and inscriptions, but words, syllables, or sentences, could be. Picture-writing undoubtedly was the earliest form of such communication, although the first attempts must have been both crude and evanescent. Characters to represent sounds must have developed from the characters of i phic composition and phonetic alphabets grew out of picture-Accordings to William Flinders say: writing. Petrie, a series of signs was used for com-

aunication in writing around the eastern Mediterranean from a very early date, perhaps 5000 B. C. These signs-hieroglyphic, cuneiform, symbolical-increased in number and variety and from them has been the grouping and selection belongs to the for commercial purposes and thus trans- mind.

mitted them to the Greeks, who adopted and adapted them not earlier than 1000 not fathom are clear to us; what was un- by pressure on the keyboard and justified ties fail more certainly, and more heavily, lovely young wife, he related that she had B. C. nor later than 800 B. C. Through known to them is known to us. That to any ordinary column width, with auto-The Greeks the alphabet was carried to which prevents us from following up this matic redistribution of the matrices after scribed by law. In his epochal works on and had been made a girl again by one Italy, where it developed many variations. This is the historic grain of truth in the that each reply brings forth anew fresh typesetting machines are in use and espe. Bryce calls ours pre-eminently "a govern-Greek mayth about Cadmus' expedition questions and thus it will be to the end cially adapted to various sorts of work, ment by public opinion" and devotes a 2.000 years by constant drinking this wine, bringing home the alphabet from Phoeni--if the end should ever arrive." ein.

Incidentally it is worth noting that the number of letters of the alphabet varies of ignorance before we could clear the In the use of this machine, one operator power here than abroad, "the cause is to be at Cana in Galilee, at which, he said, he different languages. The Phoenician path for operations on a bigger scale. It can now put into type in eight hours as found." declares Mr. Bryce, "not in the in- had been an honored guest. He also decharacters were fifteen in number; the is often hard to say which step in a for-

Remedies are Needed

Were we perfect, which we are not, medicines would not often be needed. But since our systems have become weakened, impaired and broken down through indiscretions which have gone on from the early ages, through countless generations, remedies are needed to aid Nature in correcting our inherited and otherwise acquired weaknesses. To reach the seat of stomach weakness and consequent digestive troubles, there is nothing so good as Dr. Pierce's Golden Medical Discovery, a glyceric compound, extracted from native medicroots-sold for over forty years with great satisfaction to all users. For

Weak Stamach, Bilionaness, Liver Complaint, Pain in the Stomach after eating, Heartburn, Bad Breath, Belching of food, Chropic Diarrhea and other Intestinal Derangements, the "Discovery" is a time-proven and most efficient remedy. The genuine has on its

R. Rierema outside wrapper the Signature

You can't afford to accept a secret nostrum as a substitute for this non-alcoholic, medicine or KNOWN COMPOSITION, not even though the urgent dealer may thereby make a little bigger profit.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomsch, liver and Sowels. Sugar-coated, tiny granules, casy to take as candy.

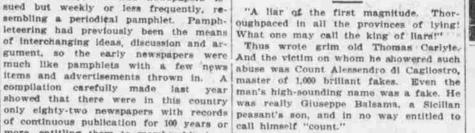
But many other auxiliary engines of war claim to preference for the fast composi- vehicle of public opicion. If individual that had happened many centuries before, had to be directed against the fortresses tion demanded by the modern newspaper. newspapers and journalists enjoy less and described the scriptural marringe feast filled. many words and senterces as four or five ferior capacity of the editors and writers, clared he had been present at the crucifixcompositors could do before by hand in the but in the superior independence of the ion, and he used to burst into reminiscent same time; and the previous hand composi- reading public."

tion required the men to devote addi- But take a more homely example of the tional time to distribution. Mechanical in- present day conflict with ignorance-the absurd lies. Through the sale of his vention, therefore, has not only enabled tendency of medical science to uproot diseach operator to set type in tremendously case with preventive rather than curative Hestraveled from place to place in a glided greater volume, but to get it up with much weapons. The fight on the white plague chariot with a retinue of servants. Princes greater speed, and speed is one of the es. resolves itself into the full awakening of and other notables vied with one another sentials of competitive twentieth century the masses to the necessity of proper hous- to do him honor. He speedily became one industry.

At the outset, the imprint of the types the publicity accorded, this noble move- tent with claiming to have discovered the had been taken by hand pressure after ment would never have been able to have scoret of perpetual life. Cagliostro procoating the surface with a film of ink acquired its present momentum. The serv- cseded to found a sort of masonic order, For a long time the only advance made lice the newspapers are rendering in sup- with himself as the high priest. Thouwas to procure a more even impact by the fort and defense of inoculation against sands of people in all stations of life use of a lever or screw on the plan of the germ diseases, in forcing the abatement of familiar letter copying press, the paper re- unsanitary conditions productive of epi- fame still further increased. He next obcolving its impression on one side of the demic, in purifying our food supplies, in tained favor and more money by estabsheet at a time, hand inked and hand fed focalizing quick relief for the succor of lishing Masonic lodges for women. The successful application in 1790 of this unfortunate victims of scourge or calamity. pressure from a cylindrical roller, or drum, are as immeasurable as those of the scienpaved the way for the power press. The lists who have been discovering new ser- semi-divine birth, said he had the power of addition of a moving or vibrating bed hold- ums or proving the fever carrying procifyi- rendering himself invisible, and added the tion (especially at night) and all bladder ing Pape's Diuretic, and a few days' treatng the type form in the Gordon press of ties of the mosquito.

1858, together with automatic inking. The year last closed witnessed the fail of greatly increased the speed, but the hand the north pole before the advance on the feeding and double printing to utilize both world's fastnesses. Quickly as news travsides of the sheet of paper seemed to set els. especially when a controversy is indefinite limits to the output. The achieve volved, doubtless many people remain uns should believe him. By clever spiritualistic upon the organs and glands affected, and in the world.

in His Day and Wound Up in Jail. teenth century, we had newspapers is-



more, entitling them to membership in a Cagliostro, as a mere child, was expelled century club, of which fifty-five are daily from the local charity school for some and twenty-seven weekly publications. abominable bit of mischief. Next he went But nearly all the achievements which into a Palermo monastry, where he found have made possible the newspaper of today work in the monk's apothecary shop. There would themselves hardly have been possi- he showed a positive genius for medicine. ble without the newspaper of yesterday. and soon knew more about chemistry and The newspaper has been an active con- the use of drugs than did any one else in

tributor to the upbuilding as well as a the whole brotherhood. Incidentally he beneficiary; its mission has been and is to learned, too, a few great truths that always use its great power to the end of still fur- proved valuable to doctors and showmen ther broadening the area of popular in- alike. He found out that many people telligence and helping along the triumph trust physicians as they trust no one else. of truth over ignorance.

part of its work? It does it by bringing clever enough to attract them. On these actually seen him make diamonds and turn duped the whole world .- New York World. home to the people what is disclosed by two human failings the lad built his futhe searchlight of publicity directed at all ture career of gigantic swindling. human activities. The part the newspaper So, when a feat of audacious blasphemy

plays in popular government is so gener- on his part led the monks to kick him out, power. ally understood that it scarcely calls for Cagliostro was quite ready to start upon elucidation. The newspaper has been his career. To provide himself with ready dubbed the "fourth estate," and nowhere money for a tour of Italy he tricked a rich has popular government been really suc- Sicilian into buying from him, at a large cessful without the existence of a free, price, the secret of a treasure cave that did vigilant and untrammeled public press on not exist. Driven out of Sicily, he wanguard as the sentry of individual liberty, dered through Europe and the orient, perready to expose corruption and oppression facting himself in the best art of all the and to sound the alarm against the ap- fakers he met on the way and swindling proach of the tyrant. I venture to affirm every simple-minded traveler he met. Then, the bellef that the most potent deterrent with a gloriously beautiful young girl of wrongdoing and the most promising whom he had married in Rome, he corrective of nearly all of our crying inunched forth as the discoverer of a miracabuses, social, industrial and governmen- ulous liquor, which he called "Wine of

tal, lie in the line of publicity and the Egypt," and which he claimed, would promolding of a public opinion whose penal- long life and restore youth. Pointing to his on the offender than any punishment prerecently been a withered old crone of 80.

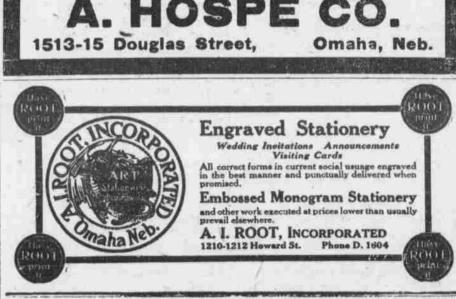
the linotype machine has justified its chapter to the newspaper as a source and Ho told, as an eye-wilness, about events

tears at the sight of a crucifix.

People listened greedily to Cagliostro's "Wine of Egypt" he grew fabulously rich. ing, light and air. I believe that, without of the foremost men of Europe. Not conjoined the cult, and the man's wealth and

> Nor were these the greatest of Cagliontro's impostures. He claimed to be of kidneys will vanish. information that he sould not only make misery ends.

diamonds and other precious stones, but could transform all metals into gold. The the disordered kidneys, bladder and uri- fine. wonder was less that he should make such nary system, and distributes its healing. Accept only Pape's Diurctio-fifty-cent assertions than that nearly all Europe cleansing and vitalizing influence directly treatment-from any drug store-anywhere



seances he apparently raised the ghosts of demned him to life imprisonment as an Also, that a large percentage of the public the great dead. He persuaded some of the enemy to the Christian religion. He died How does the newspaper perform this are readily fooled by any nonsense that is craftiest noblemen of the day that they had in his cell August 25, 1795, having for years iron bars into gold nuggets. He was a

Willing to Risk It.

brilliant hypnotist, too, at an age when Here the lecturer threw upon the screan hypnotism was thought to be a miraculous the portrait of a man well known in the financial world.

He went to Paris. There his vast chari-"This,' he said, "is one of he great ties made him popular. His boundless captains of finance. I do not need to wealth backed his assertion that he could mention his name. His face is familiar to make gold. The neat, hand-made "mira- all of you. Look at his corrugated brow, cles" that he performed astounded the the furrows in his cheeks, the pouches wisest Frenchmen. Prince Cardinal de under his eyes, the deep lines about his Rohan, grand Almoner of France, and shrewdest of statesmen, was utterly hood-winked by him. In fact, Cagliostro has always been suspected of using the cardinal as a dupe of the famous or infamous af as a dupe of the famous-or infamous-af- millions of dollars at stake. Success brings fair of the Queen's Necklace. As a matter to such a man no happiness. Look at hir fair of the queen's Necklace. As a matter of fact, some of the "miracles" performed by the arch-faker still defy detection. He foretoid many great events that actually if compelled to assume the terrible burden occurred. He readily announced in advance of responsibility that goes with it?" His hearers rose er the lucky numbers of the government lot-

ild! ' they shouted in unison .- Chiteries. When temporarily locked in the cago Tribune. Bastile prison, in 1786, on suspicion of hav-

The Father of Him.

Census Taker-Give the ages of your five theft of the diamond necklace, he wrote children.

children. Father—Ali right; Mary will be 13 in September—13, yes, that must be right; and John is—John—ahem—he's going on 11, I on his cell wall. The Bastle shall done on the destroyed and the people shall dance on the site." In three years this prophecy was ful-filled. After a luxurious life in Paris, Caglios-tro went to Rome. There the pops con-

KIDNEY AND BLADDER MISERY GOES AND YOUR LAME BACK FEELS FINE

Backache vanish.

ing, begin taking this harmless medicine, with the knowledge that there is no other remedy at any price, made anywhere elsa It you will take several doses of Pape's ment of Pape's Diuretic, which any drug-

swollen syelids, nervous headache, irrit- any mercantile agency will tell you that ability, dizziness, wornout, sick feeling and Pape, Thompson & Pape, of Cincinnati, is other symptoms of overworked or deranged a large and responsible modicine concern, thoroughly worthy of your confidence.

Uncontrollable, smarting, frequent urina- Only curative results can come from takment means clean, active, healthy kidneys, This unusual preparation goes at once to bladder and urinary organs-and you feel

Several doses will regulate your completes the cure before you realize it. The moment you suspect any kidney or urinary disorder, or feel rheumatism com-

out-of-order Kidneys, making Hundreds of folks here are needlessly miserable and worried because of out-of- in the world, which will effect so thorough rder kidneys, backache or bladder trouble, and prompt a cure as a fifty-cent troat-

ing shared Rohan's supposed guilt in the

on his cell wall: "The Bastile shall be

Diuretic all misery from a lame back, gist can supply. rheumatism, painful stitches, inflamed or Your physician, pharmacist, banker or