To Washington.

AN ODE.

BY JOHN V. RILEY, '17.

WE reapers of a harvest, rich,  
In store, this day renew our creed  
In thee—set in time's highest niche—  
Father, and sower of the seed;  
Up, up, and let our anthem ring  
Against the peaks, that backward fling  
The phrase of our heroic lore  
To awe, the surf, that thunders on the distant shore.

Priest of the goddess, Liberty,  
Who, ever watchful in the night  
When despot threatened villanuy,  
Didst rise and strike the blow for right;  
To keep her altar in our land,  
Against the foe didst take command,  
'Neath blessing branches of the elm.

To test thy strength, the age then sought  
By every trial and woe to daunt  
Thy noble heart—but all for naught:  
Thee, envious fortune could but taunt;  
As ever with far-sighted zeal,  
For Justice's sake didst make appeal.  
The coward fled thy kindling eye  
That made stanch patriot hearts burn like a flaming sky.

Yet, when the bloody strife was done,  
The banner furled, the cannon cold,  
And right prevailed through triumph won,  
Thy quest was peace, not crown of gold.  
And yet, thy task was but begun,  
The state must have a guiding one.  
And thou through all thine honored days,  
In sacrifice didst guide her, through uncharted ways.

Close to the hearth thou lovedest so well,  
That thou didst keep all undefiled.  
In hallowed dust thy relics dwell,  
Virginia's arms enfold her child.  
Potomac's waves an anthem roll,  
The bells of passing vessels toll.  
While to the eagle's topmost crag,  
Ascends the song of glory of thy starry flag.

Now, turmoil rocks this blighted sphere:  
Proud rulers', hearts are numbed with greed.  
We pray for peace, but not through fear:  
Rather that men God's word may heed.  
May the Most High forevemore,  
Direct thy spirit; hover o'er  
Thy land. May He look down,  
Nor let dishonor dim thy name that is our crown.
Hiram Ploughshare lingered in front of the Hectic Academy apparently meditating what a wonderful cow pasture the front lawn would make. He had lived on a farm. In fact, it seemed to all that he had brought some of it to school with him, at least enough of it to fertilize a medium sized flower-pot. His clothing bore the unmistakable marks of a rustic tailor, and the blue handkerchief which protruded from the back pocket of his trousers gave an excellent agricultural finish. Jud Wyse, seeing the follower of the plow, approached him.

"You are a new student, I suppose?" asked Jud.

"Yes, I am; I just got in," replied the odorous hay-maker. "I was sent here by my dad to learn to read the 'Farmer's Almanac' and the signs in the postoffice. I would also like to be able to use words as long as a mile of fence."

"Your name is what?" interrogated Jud with diplomatic suavity. "Do you play football, baseball or tennis? Can you jump or run?"

"Well, I kin run a McCormick reaper, a harrow,—"

"No, I don't mean farm machinery or a churn, I mean any kind of a race," sighed Jud. "Oh, I see."

"I hope the alfalfa effluvium has not affected your brains like it has your clothes."

"Say!" asservated the rube; "I kin beat anything with two legs and most everything with four, 'cept a race horse and a greyhound." At this assertion Hiram expanded his chest until a button came off his shirt.

"Well, that's what I wanted to know. I'll see that you get a chance. Perhaps, I will have you elected captain of the track team. You would desire greatly, I am sure, to lead us to victory in our contest with 'Urarube Hall.'" Now go over and see the president and become enrolled. I'll notify the boys of your arrival."

Hiram laughed a musical laugh which Jud understood as an expression of complete satisfaction.

The news of Ploughshare's advent spread rapidly. Everyone patted him on the back, cheered him when he came in sight, and laughed when he had passed. When the students met him they eulogized him with more laudatory epithets than Washington or Lincoln ever received. They even sought his money. They coaxed him to buy shares in the Academy, but as he was not over-burdened with capital, as it seemed, he showed no disposition to speculate. At the instigation of Jud Wyse, he was elected captain of the track team at a mock election. His speech of acceptance, declaring the extent of his ability, was so well colored with rusticity that a student with a very limited power of visualization could see the cows and the hay-stacks. He was hailed as the jester of the school, and that speech eliminated all rivals from the race,—which was, indeed, no small feat in this particular school.

A few weeks passed and Hiram had not appeared at class. Everyone knew that he was busy getting into form for the great track meet that was to take place in a few days.

On the day of the contest the "rube" entered the gymnasium with a palpitating heart. He knew the time had come for which he had labored so long and so hard. Possibly his name and future were to be decided at this meet. He was the last to leave the dressing-room. When he arrived on the field the cheering of the crowd would have made the roar of a battle sound like an elocution contest in an asylum for the deaf and dumb. Quickly approaching Jud, Hiram said, "My mother is in the reception room and wishes to see me."

The rustic left the field and did not return. The band played "Lo! the Conquering Hero Comes," and "Here Comes the Bride," but to no purpose.

When the meet was over there was general expression of disappointment, especially on the part of the athletes. They knew that Ploughshare could not run, but his failure would afford much merriment to the stands. When they began to put on their clothes, however, they found their money and valuables gone, and Hiram gone, and later they discovered that there was no such name as Ploughshare in the secretary's office.
Today the nation celebrates with great pride and most solemn reverence the birthday of Abraham Lincoln, the greatest of her presidents and one of the greatest of Americans. It is fitting that we should in some manner commemorate the memory of this great patriot. Let us first reflect upon the period of our nation's history, when he guided her successfully through one of the most critical periods known to man. Let us go back to those days and review the sublime deeds and unsurpassed life of Lincoln and there read and eulogize the life of the man who sacrificed himself on the altar of freedom, as a martyr to the cause of liberty, that you and I might live in the peaceful enjoyment of our natural rights.

Lincoln first made himself known as a statesman about the year 1846, when he was elected to congress from the central district of Illinois. It was a congress full of the most talented men, crowded with the real statesmen of the country; a congress, such as the country rarely selects to make its laws. The most important problem that was presented to that body during Mr. Lincoln's membership was the question of slavery in the District of Columbia. This was the first time that Mr. Lincoln had the opportunity of declaring publicly the principles in regard to that institution. From a very early day he knew that slavery was wrong, that it was against the dictates of justice and humanity; but he also knew that the constitution, the basis for the preservation of the union, did not say anything against it. He knew that the question of state rights was a very delicate one, and for that reason he did not proceed against slavery as did the abolitionist, but assumed a more diplomatic attitude in contending strongly that slavery should not be allowed to be further extended into free territory, and that so long as it did not violate any of the laws of the constitution as it then existed it should be left alone. So Lincoln cast his vote in the House against slavery in the District of Columbia.

In the Summer of 1858 the great senatorial contest of Illinois took place with Stephen A. Douglas and Abraham Lincoln as rival candidates. All who know anything of Douglas are well aware that either as a stump speaker or as a debater on the floor of the Senate he had no superior—if indeed he had an equal—in the country. Thus it was no light matter to contest the State of Illinois with such a man, and especially among a people who were his sympathizers. Soon after the campaign had been launched Lincoln challenged his contestant to a series of joint debates on the issues of the Republican and Democratic parties. The foremost and really the one issue of these debates was slavery. The whole country followed these debates with minute attention, and it is the highest praise of Lincoln to say the whole country recognized that he held his ground in every encounter with Douglas, both as an orator and a debater. He had the truth on his side, which is always a great advantage, and neither in argument nor repartee did Douglas ever confute or confuse his opponent. After witnessing one of these debates a correspondent of a Boston paper wrote: "The men are entirely dissimilar: Mr. Douglas is a thick-set, finely built, courageous man, and has an air of self-confidence that does not a little to inspire his supporters with hope. Mr. Lincoln is a tall, lank man, awkward, apparently diffident, and when not speaking has neither firmness in his countenance nor fire in his eye. Mr. Lincoln has a rich silvery voice and enunciates with great distinctness; he has a fine command of language. His retorts, though gentlemanly, were sharp and right to the core of the subject in dispute." During these debates Lincoln established what was then and ever after the firm convictions and principles he held on the subject of slavery. Although his opponent was the victor for the senatorship of Illinois, he, by his plainness of manner, his sincerity of thought, and his kindly and honest principles, won the hearts of the people both in the state and in the nation. Though he was defeated in this race for the senatorship, he received in it the introduction to the American people which made him the successful candidate for the presidency two years later.

On the sixteenth day of May, 1860, the Republican National Convention met in Chicago. This assemblage was without doubt the most agitated and excited that ever convened. The great fire of slavery that had been burning steadily, each year becoming brighter and more dangerous, was the great matter of
interest. It was the question on which the Democratic and Republican parties differed, and it was the question that divided sharply the North from the South. The leaders and statesmen of that convention well knew that this question, which was causing American to hate American would have to be settled before another convention was held, and they foresaw that the question was of such a serious nature, and the determination of the different factions was so great, that a crisis in the life of the nation was imminent. So with unerring judgment and amidst great jubilation they chose as their nominee Abraham Lincoln, him who had already proved to be a leader of men, a statesman of extraordinary ability and a lover of American freedom. Lincoln realized well the task that confronted him, as is evident in his farewell address to the citizens of Springfield before going to Washington. “I now leave you not knowing whether or whither I may return, with a task before me greater than that which rested upon Washington. Without the assistance of that Divine Being which ever attended him I cannot succeed; with His assistance I cannot fail. Trusting to His care Who can go with me and remain with you and be everywhere for good, let us confidently hope that all will be well. To His care commending you, as I hope in your prayer you will commend me, I bid you an affectionate farewell.”

Lincoln had been president only a short time when Fort Sumter was fired upon, and the great war of the Rebellion was launched, to test whether or not the nation founded on the plains of Lexington and on Bunker Hill by the patriots of the Revolution could long endure as a united republic. This was the beginning of the period of fierce internal strife, in which brother grappled with brother in that fearful death-struggle of four years, the period through which Lincoln guided the uncertain ship of state through the storm of rebellion to safety as probably no other could have done. Throughout that trying time Lincoln was master of every situation that arose. It has been said that at the beginning of that administration Secretary of War, Stanton and Secretary of State, Seward thought that they would manage the affairs of their offices as they thought fit, but they soon realized that Mr. Lincoln was president of the United States and that they were subject to him. Attorney-General Bates once said after returning from an important cabinet meeting: “The more I see of Mr. Lincoln the more he impresses me with the clearness and vigor of his intellect and the breadth and sagacity of his views. He is beyond question the master of the cabinet.”

Today, Lincoln the statesman, who “under God gave this nation a new birth of freedom,” stands forth on the pages of history as the ideal of American freedom and the saviour of the greatest nation in the world. Today men not only believe in the truths he upheld but see in him the standard of goodness, of liberty, of conciliation, and of truth. Exemplified by him, as it were, stands the Union, and all that is noblest and best and enduring in its principles, the principles in which he so heartily believed, and for which he fought so mightily. At length he has become the beloved patriot of both North and South, of the entire Republic, composed not only of the men that once confronted each other in the dreadful array of battle, but of the millions that have since come to the American nation to enjoy serene peace, equality of human rights, and the blessings of liberty. To them Lincoln is a saviour. In his life, his character, and his personality, with all its wondrous charm, patience and sobriety, self-abnegation and sweetness, he has come to be the great American ideal. Today, when our nation again faces a great crisis, may our statesmen and leaders be guided by the principles and wisdom of Lincoln. May rising humanity inculcate into their lives his patriotism, goodness and truth, that we may have a greater and grander America.

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**Varsity Verse.**

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**TO THE BLUEBIRD.**

Bird of heaven's hue,  
Breast of red earth, like fleece  
Of lambs beneath, in peace  
Thy way pursue.

Thy coat of blue,  
As floats across the skies  
Thy form, delights our eyes,  
And fades from view.

Thy song is new —  
The first of birds to sing —  
When comes the expected spring  
And falls the dew.
Birds' nests be few
That are more neatly made,
Four eggs of blue twice laid,
Nearby in view,

Thy brood just flew
Above my head. I heard
Their mellow note, no bird
Has voice more true.

At length ensue
Cold autumn days, when thou
Must leave my paths—then how
Thy loss I rue!

Now winds bestrew
The field's with winter's snow,
I long for skies aglow
And thy coat of blue.

O bird of blue,
Though thou must e'er depart,
Thou canst not bid my heart
At last adieu.

-A Rondeau.

When I am gone, no bells must ring,
No funeral dirges must you sing,
Nor tell the world that he is gone—
A lonely but a favored one,
To whom it scarce a sigh would bring.

I care not if it be in spring
When happy birds are on the wing,
F know the days shall still go on
When I am gone.

But oh! I know a truthful thing:
Death happiness to me will bring—
If only I shall hope on,
And trust forever and anon
In Him the ever-faithful King.—
When I am gone.

John S. Roche, '19.

The Idylls.

I love to read of Arthur, great and bold,
Of how he fought and held his crown of gold;
And another one, the princess fair, who gave
Her love in trust to Lancelot the brave.

But sweeter far, and sadder too, Elaine,
The lily maid who loved but loved in vain,
Her heart in unrequited love did sigh,
And finding solace gone, did droop and die.

Clifford O'Sullivan, '19.

The U. S. Coast and Geodetic Survey.

By John F. Tighe, '19.

The extensive coasts of the United States have always been a serious problem in the minds of ocean-going navigators. The dangerous land projections, reefs, currents, and the like, are conditions which should be known to all coastwise trade, and it was for this reason that the United States Coast and Geodetic Survey was organized. The work of the survey was to locate these reefs, projections, currents and trade winds, and to map them accurately, so that they could be known by all navigators. The survey was also intended to locate the positions for lighthouses, beacons, and other signals to enable navigation to move more smoothly. In fact, every aid which could be obtained to help ocean-going or coastwise trade was mapped out.

Astronomy and geodesy are the fundamental principles by which land projections are obtained. Geodesy is that branch of surveying which has for its purposes the laying out on a very large scale portions of the earth's surface and the determination of the shape of the earth's surface. Geodetic surveying differs from land surveying in the fact that it must allow for the sphericity of the earth's surface. It is through the methods used in geodesy that it was determined that the earth has not truly a spherical but rather an ellipsoidal form.

The importance of knowing the characteristics of our coast was early realized, and in 1807 the first attempt to organize such a survey was made. President Jefferson, in an address to Congress, recommended an appropriation for the organization of such a survey. Professor Patterson of Philadelphia gets the credit for the origin of the idea and its suggestion to the president.

Congress appropriated $50,000 for the establishment of such an institution as was recommended, and scientific men all over the country were called upon to give their ideas as to the best method to pursue in the determinations to be made. The method suggested by Mr. F. H. Hassler was adopted. His method was to adopt certain fixed points along the coast, determined by astronomical observations and the journey of these points by a system of triangulation. This triangulation system would form the basis for all coast determinations. Mr. Hassler, on account of his association with this kind of
work in Switzerland, was appointed to obtain all equipment necessary for carrying on the work. He accordingly went to Europe to purchase the necessary materials and instruments. On account of unavoidable delays and war with England the work was not begun until ten years after congress had authorized it. The first work was done about the city of New York where the first base line was measured, but before the survey had accomplished much it was discontinued, and nothing more was done for twelve or thirteen years. Work was finally resumed in 1832, which really may be said to be the true beginning of the survey. After some years a Professor Bache was appointed superintendent and under him the work reached a very high standard and spread over a large scope. Under him the survey was carried on much as it is today. Professor Bache saw the necessity of studying the varying weather conditions, the magnetic force of the earth, the trade-winds, the ebb and flow of the tide in the many harbors, as well as the fixing of channels, reefs, and many other conditions. With the knowledge thus gained the survey grew in worth and importance.

No interruptions came until the Civil War. This made it impossible to work along the Southern Coasts, but the information already obtained was put to very good use. Men who had gained experience during the surveys were attached to different army corps and their information was of the greatest utility to the Northern armies. The importance of the survey was in this forcible manner made very apparent to the government.

The idea of connecting the Atlantic to the Pacific by means of a triangulation system originated several years after the war and this work was begun in 1873. By this system permanent stations were left in many different states with absolutely fixed positions, whereby boundaries were determined and a firm basis was usually selected for topographic survey.

Before the work of the survey is begun a reconnoitring party is sent out, in charge of a man who is thoroughly acquainted with the work to be done, to determine the character of the ground or country to be gone over. Points for stations are selected, the best sites for base lines, and also data that will enable the final survey to be made at the most economical cost and the least time. Stations are usually selected on high points so as to be easily sighted from distant stations and to make it possible to cover a great area in the shortest time possible. If the country be rough, the base is chosen with reference to the points selected for stations, and if a smooth plane, the base is usually selected without reference to stations but is placed in the most convenient place. The unit of length used in the measurement of the base line is the meter. This unit was selected because of its relation to the size of the earth, being one ten-millionth part of the earth's quadrant. Many apparatuses have been devised for the measurement of the base. The Duplex bars were long used with great success, but it has been found that a steel tape device will give measurements with an accuracy of one in one million. In order to do this, the length, coefficient of expansion, the modules of elasticity, and other conditions must be known. To get the best results in measuring, the work should be done at night, in cloudy weather, or when the temperature of the air and earth are about the same. It is easily seen why the base must be measured with such accuracy, because on its length depends the length of all the lines.

After the base line is measured the system of triangulation is begun. In the measuring of angles a very delicate instrument, called the theodolite, is used. The instrument is carefully set up over a station and is not removed until every angle is measured and recorded. A very powerful telescope is used so that signals can be seen at great distance. Another instrument, called a heliotrope, the principal part of which is a mirror which reflects the light from a distant point to the observer, is used to enable men the better to see signals. After the theodolite has been set up the different angles are measured a great many times, and, with the aid of verniers and micrometers, are read as accurately as possible. The means of the readings are taken and finally the angles are adjusted and the adjusting value is the one given to the angle. At each station there are fifteen or twenty angles to be read, and so it is seen that the work involved at one station alone is very heavy and necessitates the men being "on the job" all the time, for they must be ready to take advantage of 'good' weather conditions. The position of the station itself is fixed by obtaining the latitude and longitude of the point. Latitude is found by observations on some fixed heavenly body. Many instruments for this determination have been devised,
but the zenith telescope has been generally used by the survey because of its accuracy and the facility with which it may be handled. Longitude is determined by time reference to Greenwich. For this determination a chronometer or watch is used. It is referred to some local meridian and its error referred to some standard meridian. The error must be obtained by comparing the watch with standard time, transmitted usually by telegraph. Great care must be used in handling the chronometer. Hence two watches are usually kept in order that they may be compared.

A topographical survey is also carried on in connection with a coast and geodetic survey. This gives a map representing the features of the country over which the survey has passed. It shows the cutlines of the shore, the position of towns, streams, hills, and mountains and the heights of the same. In fact everything that is desirable to know in connection with the Geodetic Survey is obtained and plotted on the maps. The instrument used in connection with this work is the plane table. It consists of a drawing board mounted on a tripod. On the board is a ruler whose lateral edge is parallel to the line of sight of the telescope mounted on it. A base line is chosen, measured, and sights recorded on the board from both ends of the base. The intersection of these lines gives the position of the point desired. This instrument permits of plenty of speed and is of the desired accuracy.

Along with the topographical survey goes the hydrographical survey. Soundings are taken all along the shore line, specimens of the bottom are obtained, dangerous rocks and shoals are permanently located with reference to some points on shore, the ebb and flow of tides are investigated and the currents are examined. When the topographical map is finished all these results are recorded on the map in the conventional way. Thus, when the final map is completed almost any information that could be desired concerning the shore line is obtainable from it. A ship with the completed map of the coast can steer its course along the shores of the United States with almost absolute safety, so far as knowing the dangerous points of the coast is concerned. So thorough has been this work that a ship might even determine its position by taking specimens of the sea bottom along. At the present time the United States has a fully equipped ship in charge of experts whose duty it is to determine the different specimens of sea life along the coast. This work has no direct connection with the Coast and Geodetic Survey, but it shows the thoroughness of the Government in efforts to know all about her coasts.

All the work of the survey is carried on with the greatest possible accuracy. The best instruments manufactured are used and when these are not sufficiently accurate, special instruments have been designed. In fact, the survey is responsible for some of the most accurate that we have to-day. Every source of error is examined, such as temperature, wind, refraction, and its magnitude determined. All these corrections are made and the final result is the most precise that can be obtained.

The United States Coast and Geodetic Survey has extended over the entire country and even to the shores of far-off Alaska. The different branches of the work have been carried on at the same time and at their completion have all been joined in one great source of information. We have today maps of the Atlantic, Pacific and Gulf Coasts with all their characteristics and peculiarities. The information obtained is of inestimable value to the country, the value being far in excess of the original cost of obtaining it.

Junior Thoughts.

When angry do not speak at all.
Egoism soon develops into egotism.
Forged checks lead to forged chains.
Perfection is never reached in a single leap.
With some women beauty is only rouged-deep.
A kicker is admired only on the football field.
Sacrifice hits are not always appreciated by the bleachers.
For the time we spend in pleasure the fiddler must be paid.
A wise student will never let folly tamper with his career.
The mind is not a wastebasket to be filled with useless things.
The loyal student will be found loyal to his country in time of war.
You never note the size of a man's hat until he begins to talk through it.
'Tis better to have studied and failed than never to have studied at all.
THE OBITUARY

THE HON. JOHN GIBBONS.

We regret profoundly to announce the death of the Hon. John Gibbons, Judge of the Circuit Court, Chicago, who passed away on the 11th instant, after an attack of pneumonia. Judge Gibbons was an alumnus of the University and one of the most distinguished members of the Illinois Bar. Besides publishing the Chicago Law Journal and the American Criminal Reports, he was the author of Tenure and Toil, or The Rights and Wrongs of Property and Labor. Many of his decisions attracted nation-wide attention and his influence on the legal profession during his lifetime was very great. The funeral sermon was preached by the President of the University and the obsequies were attended by all the judges of Cook County.

JOSEPH A. LODESKY.

Unusual sorrow was felt by everyone at Notre Dame last Monday morning in the passing away of Joseph A. Lodesky, of Brownson Hall. After lying so patiently on his bed of pain for four long months, and thus purified by his extreme suffering, the deceased has, we trust, entered promptly into the presence of God. From his first day with us several years ago, Joe endeared himself to everyone by his good heart and gentle manliness. Hence it is hard to give him up so soon. The ways of Providence are often inscrutable to our short-sightedness, and what often seems misfortune is, in His loving arrangement, what is best for us. This death was sad indeed, and yet such a truly happy one that it is almost wrong to lament it. The accident on the football field, that finally resulted in his death, is the first one that has ended fatally in the many years that the game has been played at Notre Dame. Let us hope and pray that no other will be claimed by the fates of our gridiron.

On Tuesday morning the students of Brownson Hall had several Masses said and received Communon for their departed companion, and on Thursday a memorial service was held in Sacred Heart Church. The remains were taken to Waukegan, Illinois, the home of the deceased, for interment.

To the bereaved mother, father, and sisters of the deceased we offer our profound sympathy and the promise of prayers for the repose of their dear one.—B. A.
Our situation today is much darker than it was a year ago. We see on the horizon war clouds of great magnitude. We cannot tell when they may break upon us. We know they are there and to neglect to prepare for any emergencies at this time would be most foolhardy. We all hope to escape it, but our prospect is not cheerful. The policy of Germany is not cheerful. The policy of Germany is most foolhardy. We all hope to escape it, but our prospect is not cheerful. The policy of Germany is not cheerful. The policy of Germany is most foolhardy. We all hope to escape it, but our prospect is not cheerful. The policy of Germany is not cheerful. The policy of Germany is most foolhardy. We all hope to escape it, but our prospect is not cheerful.

Washington's birthday was fittingly celebrated by the senior class last Thursday morning in Washington Hall. The memory of America's greatest patriot is nearer and dearer than ever to all American hearts in this time of trouble and danger. Simple, sincere patriotism was the dominant note in the exercises.

The program opened with an enjoyable selection by the University Orchestra, after which the audience sang "Columbia" in a manner that expressed the earnestness of their hearts. Joseph Francis Flynn, president of the senior law class, delivered an oration on "Patriotism," in which he reviewed the noble life of Washington, declaring that the American spirit, which Washington did so much to form, is still alive. The ode, which is to be found on the first page of this issue, was read by John Urban Riley, who will be graduated in journalism in June. Llewellyn James, senior lawyer, delivered Washington's "Farewell Address." Mr. David Griffin, the Philadelphia baritone, sang in his deep, rich voice Tenneyson's patriotic "Ring Out, Wild Bells."

The address presenting the flag to the University was made by Royal Bossard, president of the senior class. The chief paragraphs of the address were:

Reverend Father Cavanaugh, Members of the Faculty, Ladies and Gentlemen:

One year ago, today we assembled in this hall for the same purpose that we are here now, to celebrate the birthday of the Father of our Country, and to witness the presentation of the class flag to the University. During the past year we have learned to love this flag more fondly than ever before. As a token of our patriotism, as a pledge of our loyalty both to our school and to our country, we, the class of 1917, present it to you, Father Cavanaugh, and to the University. With this flag goes the promise of every member of the class that he will serve it faithfully, and defend it—whenever there may be need, and with it goes our pledge of lasting loyalty to Notre Dame. We hope that this flag, symbolic of Purity, Valor and Justice, will in the years to come be a token to the world, that Sons of Notre Dame are loyal to their country. The class of '17 is not different from the former classes in its love of peace, but we fully realize the great dangers that now confront us.

Our situation today is much darker than it was a year ago. We see on the horizon war clouds of great magnitude. We cannot tell when they may break upon us. We know they are there and to neglect to prepare for any emergencies at this time would be most foolhardy. We all hope to escape it, but our prospect is not cheerful. The policy of Germany in returning to the submarine warfare is the immediate cause for the severance of our diplomatic relations, but whether or not war will follow depends upon the actions of these submarines. We see in the west another cloud menacing us, although of lesser dimensions, the Japanese problem. If war must come, however, we shall be happy in knowing that it will be not a war for conquest but a war to defend our people, and to uphold the national rights. If war comes, it will be a righteous war, a war on war, a war for peace, a war for a better world. In the last three years war has come to have a different significance to us than heretofore.

... If the time of great trial should come to us, although we earnestly hope and pray that this catastrophe may be averted, we, the class of '17, pledge again our support to this flag. Our patriotism will not cease with the raising of it; it will not be merely theoretical, but practical in whatever way duty may demand. In our daily life we are even now preparing for a great national struggle. In event of war, we shall need engineers to design the engines of defense; we shall need scientists to discover new and better methods for making explosives; we shall need lawyers to settle diplomatic controversies—we shall need men in every kind of activity, and we shall need good strong men for leaders at the front.

Fellow classmates, here lie our paths of duty. We are peculiarly fitted for these various positions and the work we may have to accomplish. Notre Dame has been a fond parent to us, censoring us at times for carelessness, but always for our best interests. For years we have enjoyed the advantages of the most thorough training; we have had physical training as good as any, and we have had a tremendous advantage over other University graduates in that we have had the best religious training as well.

Follow classmates, when we leave this University it will be our duty to exemplify the teachings we have received here. We shall be under the close scrutiny of the world, and the example we set will reflect creditably or discreditably upon Notre Dame.

And now Father Cavanaugh, we entrust to your care this flag as a token of our loyalty to our country and of our love for Notre Dame. When it is raised upon the flagstaff and its folds ripple in the breeze, may it be an inspiration to all who may behold it, an inspiration to the highest and best in Christian citizenship.

Father Cavanaugh replied with a speech of acceptance in which he expressed the University's appreciation of this token from the class of 1917. He reviewed the events that have led up to our present difficulties, and eloquently urged preparedness, not in guns and methods of warfare, but in heart and purpose and patriotism. Following is the address in full:

Gentlemen of the Senior Class:

On behalf of the University, I accept the beautiful flag so eloquently presented by your president and spokesman. It takes its place among many others that have done their share, each in its proper year, to
perpetuate one of the most inspiring traditions of the University.

The occasion of its presentation finds the world in the grip of the most savage and murderous war within the recorded history of mankind. Formerly, civilization fought barbarism, Christianity fought paganism, the East against the West, the cross against the crescent, sometimes race fought against race, and sometimes creed against creed. In the appalling struggle under which the world shakes and totters today, Europe fights with Europe, Christianity with Christianity, and racial and religious lines are obliterated—not as one might wish through a great love overpassing the lines of race and creed, but rather through a strange unity of hatred as between rival nation and rival nation. Formerly, men fought on the surface of the land and the sea. Now they fight in the heavens above, on the earth below, and in the waters under the earth. Chemistry and invention have added to the horrors of the conflict. Millions of men have perished, and the end is not yet. In the universal insanity which has seized upon mankind, it would appear that our own country, even with the best good will, may not be able to avoid participation in this terrible conflict. For the first time in many years, therefore, this beautiful flag, of all flags in the world the most innocent of blood, of all flags in the world most sacredly dedicated to peace, may be to us a summons to take our part in this colossal struggle which, whatever the outcome, is destined to change the large measure the face of the earth.

How are we prepared for that tragic adventure? I speak not of our standing army, no larger than "a football crowd," nor of our navy, so deficient, so old-fashioned and so undermanned; nor even of the lamentable lack of organization of commissary and hospital departments—a lack which in the Civil War cost thousands of lives that might have been saved. These conditions, once the exclusive knowledge of the experts, are now commonplaces on the lips of school children. I speak of more intimate things.

Great modifications have taken place in the complexion of the American people since that flag was born. The sturdy patriotism of the farmer stock in revolutionary complexion of the American people since that flag was born of school children. I speak of more intimate things. The war which desolates Europe sprang out of the selfishness of man. Whatever may be said of the conflict of national ideals, or the rights of smaller nations; whatever may be said in glorification of the one side, or in condemnation of the other, the truest thing that can be said of this most monstrous war is that it was conceived in greed and born in selfishness and nourished in unholy ambition. No modern war, so far as I can observe, has anything but a fiscal basis. The men who in the glow of a Godlike patriotism fling away their lives at the call of country still fight for their altars and their fires, for home and for national honor. But the statesmen who make the war, who press the springs of human conduct behind the scenes, who through the newspapers play, as on a harp,
on religion and patriotism and all the finest passions of mankind—these statesmen have the cold, merciless calculation of the stock exchange and the banking house. I do not deny the moral grandeur of war under right conditions. Even the most confirmed pacifist must admit that a just war is the sublimest act of a nation. When a nation goes to resent a great wrong with such intensity as to fling all its resources, mental, moral and material, the genius of its men of intellect, the virtues of its saints and mothers, the courage of its fathers and sons, life and limb, the certainty of poverty and pain, disease and disaster, into a supreme conflict with another nation, who can deny but that it reaches the heights of the sublime? But the most wretched commentary on the European War is that civilization is destroying itself for mere money, that it is seeking to break down what the centuries of the past have so slowly and laboriously built up,—without any hope now of winning in the end the material advantage which it dreamed of before the war. The pathos of the situation is that the money is expended in a single day in the slaughter of mankind is more than enough to endow a great university for the teaching of mankind during all the ages to come. It is a condition so monstrous that imagination reels and staggers at the thought of it.

And yet, as always happens in great public calamities, there are spiritual compensations. Exquisite cathedrals are demolished, home life is broken, multitudes of men, women and children suffer extreme torture, but out of the waste and the wilderness of it all has come a new resurrection morning. Religion, that in so many of these countries seemed to have languished and died, has risen again irresistible and immortal. Patriotism has made the most striking demonstration of itself within the history of mankind. These twin passions, the sublimest loves in human life, have grown out of the misery and misfortune of the great war. We know not what destiny Divine Providence may have in store for our country. We pray that, as heretofore, all our ways may be pleasant and that our paths be peaceable, but if in the mysterious dispensation of Divine Providence the people of America should be called upon to give the supreme proof of their devotion to liberty, or to vindicate the rights of the nation, we know there will be no lack among them either of the love of country or the love of God.

Gentlemen of the Senior Class: Never have I spoken with a sense of deeper solemnity, never have I felt more profoundly the touching symbolism of this day's exercises, never have I considered the present with more confidence, nor looked into the future with more complacency than when I say, with a knowledge based on experience, that whatever be the attitude of others, you at least will not be found wanting. As the blood of the martyrs that throbs within your veins make you loyal to your religion, so the rich inheritance derived from your patriotic ancestors in whatever fatherland they may have lived makes you loyal to your country. And as I am confident that these great possessions will abide with you always, growing with your growth and strengthening with your strength, I accept your flag as a token of your unfailing and unconquerable devotion always and everywhere to God and Country.

The program closed with the Notre Dame Song by the audience, and never before has it been rendered with so much enthusiasm.

H. E. S.

Varsity News.

—Those who wish to buy pictures of the inter-state banquet can get them from James Hayes, of Sorin Hall. They can also be procured at the Parrot Studio in South Bend.

—The Indianapolis Notre Dame Club meets the first and third Tuesdays of each month at a luncheon which is held at the Hotel English. From fifteen to thirty of the old boys get together at these meetings, and keep alive the spirit of Notre Dame.

—Félix Verreaux took the students for a pictorial trip to the Philippines Wednesday night. It was rather difficult to follow the lecturer as he is not yet sufficiently at home in English to employ it with ease. The slides were clear, well-selected, and interesting.

—A new medal has been established within the University by the Hon. John F. Fitzgerald of Boston. It will be an artistic bit of work and is to be awarded for the best essay on the Promotion of Trade between the United States and the South American Countries. It will be given for the first time at the coming Commencement.

It is desired by the 1917 Dome Board that new pictures of every member of the college faculty be run in the Diamond Jubilee Dome. For this reason, the professors, both clerical and lay, are requested to sit for portraits as soon as convenient, at the Parrot Studio in the Union Trust Building, South Bend. Students who have not yet had their pictures taken are urged to do so by Monday if possible.

—The annual Forty Hours' Devotion was held in the University church, beginning Sunday, Feb. 15th, and ending with the Solemn Benedic­tion Tuesday evening. Very Rev. President Cavanaugh was celebrant, Rev. Matthew Walsh and Rev. Matthew Schumacher deacon and subdeacon respectively. Many of the students received Holy Communion at the early Masses during the days of the devotion.
to gain the special indulgences attached to the Forty Hours.

—The editors of the Scholastic join with the many friends of Mr. John Doran in rejoicing over his recovery from a severe attack of pneumonia. For a quarter of a century Mr. Doran has been connected with the printing department at Notre Dame and is now foreman in the Ave Maria office, his marked ability being shown in the fine make-up of the publications issued from there. According to the doctors Mr. Doran will be back on the job in a few weeks.

—From Pittsburgh comes an announcement that may interest civil engineers. "The annual convention of Triangle, the civil engineering fraternity, will be held at the home of the Illinois chapter at Champaign, Ill., from February 22nd to 24th inclusive. The business session will conclude with a banquet to be held on the evening of the 24th. Many prominent engineers have signified their intention of being present on that occasion."

—The cooks at Dobbs Ferry, New York, are not versed in the art of baking buns, that is, the kind of buns we devour with gusto every morning at breakfast, hence the Rev. John Talbot Smith, novelist, dramatic critic, lecturer, and pastor of the congregation at the Ferry, took a couple of the N. D. buns with him when he left the University after a short visit this week. Father Smith had been to Hot Springs, Arkansas, and we are glad that his interest in Notre Dame obliged him to call in on his way home. He promises to return for a much longer visit and his annual series of lectures some time in May. The year would be very incomplete without a few talks by Father Smith.

—Forty-eight Notre Dame men were initiated into the Notre Dame Council of the Knights of Columbus, at American Hall, Sunday afternoon, Feb. 15th. Degree teams from Chicago and Michigan City were in charge of the ceremonies. In the evening a banquet was held at the Oliver Hotel in which one hundred and fifty Knights and ladies participated. The principal address was made by Rev. Thomas Burke, C. S. C., assistant-secretary at the University, and his brother, Rev. Eugène Burke, was toastmaster. Howard Parker and his collegian orchestra furnished good music during the dinner. Judging from the appearance of the initiated the day after, they must have had all the experiences they anticipated.

—"Indiana," a cinema drama telling the story of Indiana's history down to the centennial year, 1916, was shown in Washington Hall Tuesday afternoon. That is, part of it was shown, because the supper hour arrived before the picture was completed, and, as the film could wait but the steak couldn't, we missed a few years of history. The film was prepared to commemorate the state's centenary and was made under the direction of the Indiana Historical Commission, of which Father Cavanaugh is a member. Each of the outstanding events in Indiana's rise to Statehood are faithfully portrayed, particularly the frontier period ending with the defeat of Tecumseh by General Harrison at Tippecanoe.

The Institute for Public Service of New York City is sending out appeals for more and more trained men to fill public service positions. Yet while new openings are drawing increasing aspirants, the old and false idea that such service is not well rewarded still keeps many efficient men from entering the field. Young men may now obtain training for public service by actual practice in several of our cities,—New York, Detroit, Akron, Denver and Philadelphia. College students in their last year who have completed graduation requirements might fill in the remaining half year in some city near them by intensive training in public service. For further information inquire of the Institute for Public Service, City Hall Square, 51 Chambers St., New York City.

—Joseph E. Riley was elected president of the Browmson Literary and Debating Society at the meeting Thursday evening, Feb. 15th. Other officers elected to serve the rest of the year are: Robert Galloway, vice-president; John J. Ward, secretary; Leo Ward, treasurer; Alfred Slaggert, reporter; and Francis Murphy, sergeant-at-arms. Following the election of officers the question, "Resolved: That the manufacture, sale and importation of intoxicating liquors for beverage purposes in the United States shall be prohibited," was debated, resulting in a decision for the affirmative team, composed of Messrs. Clement Mulholland, Leo Ward and Lloyd Dent. Those of the losing team were Gerald Powers, Richard White and Alfred Slaggert.
Good-bye, John.

Written on the day of the death of John Minavio by a member of the university band—of which the deceased was director.

Muted forever the cornet from which he sounded the sweetest of harmonies! Dust gathers upon its golden bell and upon the pearl-tipped valves which felt the touch of his master fingers. Stilled forever the baton which he swung with the vigor of youth, drawing from youthful hearts the happiest music, guiding youthful hands through the mazes of melody.

We who worked and played with him know that his heart was of gold. We know that in him were all of the fine qualities which are characteristic of a real Catholic young man. Loyal, generous, and ever willing to give his best service to the many affairs at Notre Dame, he counted his friends by hosts, from the minim to the senior.

For him the last taps have sounded and the reveille to which he awakened was blown in heaven. He has gone to join that great band whose eternal concerts are the praises of God. Sorrow fills the hearts of us who knew him closely—the sorrow of those who have lost a friend—the sorrow of those who have lost a leader. It seems that another instrument was needed in the choir above, and that God in His infinite wisdom has chosen our comrade. He has gone, we believe, to help swell the harmonies of heaven as he did on earth, but it is with a poignant sadness that we gather in the band-room tonight and say from our hearts, "Good-bye, John—and—good luck."

Personals.

—Walter A. Clinnin, member of the Varsity football team of 1910, is now automobile editor for the Chicago Daily Journal.

—Richard B. Stack, who was a member of the Varsity baseball team in the spring of '94, is treasurer of the Stack Lumber Co., of Pike Lake, Michigan.

—William P. Galligan (Student '04-'07) visited the University last week. Will is practising law in Chicago and is associated with the Credit Clearing House, Hearst Bldg., Chicago.

—"Jack" Murphy, remembered as a member of the track team in the days of Fred Powers, has promised himself a trip to the old school next commencement. He is running a hotel at the Dells in Wisconsin.

—Walter J. Gearin, member of the Varsity track team about fifteen years ago, is now with the Sweeney Investment Co., of Portland, Oregon. Walter thinks that his oldest son will be a quarter-miler. The youngster will be a star if he equals the records of his father.

—Thomas J. Hoban, of the junior law class, has just passed successfully through an operation for mastoid at St. Joseph's Hospital in Elgin, Ill., and he is reported to be gaining strength as rapidly as could be expected. He had been confined to the hospital with scarlet fever for three weeks previous to the operation.

—Wilbur Gray, (LL. B., '14), the same "Dolly" Gray, who caught the slants of Herb Kelly for two seasons, arrived at the University Tuesday to assist in coaching the catching candidates, and incidentally to limber up for the spring training season of the Chicago White Sox, into which select company Gray is to be initiated when the Sox leave for their Texas camp on March 4th.

—J. Vincent McCarthy, who took the degrees of bachelor of literature and of laws in 1914 is chairman of the Knights of Columbus committee that is making arrangements for the concert of the Notre Dame Glee Club at Elgin, Ill., on April 10th. Mr. McCarthy is in a law partnership with his brother, Frank A. McCarthy, also a Notre Dame graduate in law, and the firm is one of the most thriving in Elgin.

—Earl Brown and Emmett Brown, students at the University in the nineties are now in the lumber business at Helena, Montana. Both were prominent members of the Varsity athletic teams in their time, Earl being a member of the football team in '92, and Emmett following suit four years later in both football and baseball. Emmett is planning a trip to the University in June, and Earl counts on coming later, when he expects to place his oldest son in the University.

—in a letter to the SCHOLASTIC Dr. James Frederick, Coll of Philadelphia asks if the Rev. M. Quinlan, C. S. C., who contributed a retrospective article upon Notre Dame football to the last football SCHOLASTIC is the "Mike."
Quinlan of his time. "The article brought delightful memories," writes Dr. Coll, "and when I see the drop-kickers of today and recall 'Mike' and his famous racing 'drop-kick, the present-day exponents look puny in comparison. This may savor of the romance of youth, but it's most pleasant, nevertheless." —H. R. P.

Book Review.


This volume of poetry takes its title from the first two of the four sections into which it is divided. The other two, "The Lyric Quest" and "The Lyric Quest," containing eighty-five poems make up over half the book. At a time when wars and rumors of wars are rife, the patriotic ballads of Clinton Scollard, singing the deeds of Mad Anthony Wayne, Andrew ('Old Hickory') Jackson, John Barry and other American heroes, are like a trumpet call to thrill and stir up dozing patriots. There is a martial measure in all of them and a suggestion, too, of the swing of the border ballads that told the stories of dashing riders and personal combats. For example in "The Ride of Tench Tilghman:"

It's up Tench Tilghman, you must ride,
Yea, you must ride straightway,
And bear to all the countryside
'The glory of this day,
Crying amain the glad refrain,
This word by field and town,—
"Cornwallis' ta'en! Cornwallis' ta'en!
The world turned upside down."

Clinton Scollard is a poet who loves nature, but it is quiet, lovely nature. The rush of wind or water, the roll of thunder or the might of nature seem not to quiet, lovely nature. The rush of wind or water, the roll of thunder or the might of nature seem not to

In former volumes, while there was much singing of natural beauty, it rarely suggested the higher beauty of the God of nature. In this last volume, however, the spiritual element is present and runs like a thread through the book. "Oracles," "Sanctuary," "Altars," "Who Knows the Master Maker's Mind," and "Soli Deo Gloria," with which we shall close this notice, are among the best examples. Mr. Scollard is a master of technique and loves music as he loves color. With fine artistry he makes use of everything that can bring silver chiming into his verse. Alliteration, assonance and a variety of long and short vowels are employed with a skill that only a true artist could command. The volume is good poetry,—wholesome thought, beautiful fancy and rare music.

Soli Deo Gloria!
In middle heaven a form behold;
Fair-aureoled
Her shapely brow with noon-bright gold;
Soli Deo Gloria!
Upon a little cloud she stands,
Within her hands
A tympanum with scarlet bands;
Soli Deo Gloria!
Thereon she playeth without fault,
While up the vault
Her voice makes silvery assault,—
Soli Deo Gloria!
Till blended with her soaring notes,
Adown there floats
An echo from a myriad throats,—
Soli Deo Gloria!
An angel she of God's own choir
Whose one desire
Is higher yet to chant and higher,—
Soli Deo Gloria!
And every year upon the morn
When Christ was born
Within the manger-bed forlorn,—
Soli Deo Gloria!
'Tis hers to bid song's raptures run
From sun to sun,
And list to earth's low antiphon—
Soli Deo Gloria!
Would that our praise might swell and rise
Along the skies
And scale the Gates of Paradise,—
Soli Deo Gloria!
Bearing, with more complete accord,
Unto the Lord,—
Forevermore our watch and ward,—
Soli Deo Gloria!

From D. B. Hansen and Sons (2520 Lake Street, Chicago) comes a small pamphlet, "The Way of the Cross; Its Origin, Nature, and Object, together with St. Alphonsus Liguori's and a shorter form of the Way of the Cross," by Rev. D. P. O'Brien. The prayers to be said at the various stations are illustrated with small cuts. Price, $3.50 per 100. The same firm has also issued a small Eucharistic prayer-book which will be highly prized by the little folks. This "Communion Prayer Book," compiled by a Sister of Saint Joseph, sells at twenty-five cents in the cloth, and fifty cents in the leather binding.

Athletic Notes.

MICHIGAN, 46; NOTRE DAME, 31.

Competing on a wooden floor after practising on a dirt one proved just enough handicap to cost Notre Dame the dual meet with the University of Michigan at Ann Arbor last Saturday.
evening, 46 to 31. No fault could be found with the Michigan gymnasium, since its enlargement it is indeed one of the finest of its kind in the country; but the Notre Dame athletes simply found rubber soles poor substitutes for their steel spikes.

Captain Miller and Mulligan both qualified in the semi-finals of the fifty-yard dash, but in the finals O'Brien and Schofield of Michigan both finished ahead of them, with Mulligan a close third. A few minutes later Schofield beat Miller and McDonough in the quarter-mile in a finish which was a puzzle to the spectators until the decision of the judges was announced. There was no denying the versatile Meehan in the half-mile, and his team-mate Kasper was very close to him in the fast time of 2:01. Captain Carroll of the Wolverines, excelled only by Windnagle of Cornell as a collegiate miler, ran with seeming ease 4:25 3/4 in his event against Notre Dame. He teamed so well with Sedgwick that he brought that runner into second place ahead of Noonan, who made a desperate effort to overtake the second man in the final quarter. Kirkland won the sixty-yard high hurdles with a minimum of effort, and Starrett would have finished second instead of third had he not been set back a yard for a false start.

Bachman was nosed out of second place in the shot-put by the difference of a half-inch. Donahue also captured a third in the high jump. Edgren, Yeager, and Bachman, all made eleven feet in the pole-vault, but not one of them could scale the bar when it was placed three inches higher. Kessler won the event for Michigan and the Notre Dame trio remained tied for second place.

The relay race was the most exciting event on the program. Messrs. Miller, Kasper, McDonough and Meehan were travelling at their best, and Michigan never had a chance as the Notre Dame athletes tore around the oval eight times, a distance of four-fifths of a mile, in 2:48 2-5. Summary:

60-yard high hurdles—Kirkland (N. D.), first; Beardsley (M.), second; Starrett (N. D.), third. Time, 8 2-3 seconds.

High jump—Simmons (M.), first; Haight (M.), second; Donahue (N. D.), third. Height, 5 feet, 10 1-4 inches.

Shot-put—Cross (M.), first; Smith (M.), second; Bachman (N. D.), third. Distance, 45 feet, 3 inches.

Pole-vault—Kessler (M.), first; Yeager (N. D.), Bachman (N. D.), and Edgren (N. D.), tied for second. Height, 11 feet, 3 inches.

Relay Race—Won by Notre Dame (Miller, McDonough, Kasper, and Meehan.) Time, 2 minutes, 48 2-3 seconds.

M. A. C., 19; NOTRE DAME, 33.

The Michigan Aggies proved disappointingly weak in our final home game of the basketball season last Saturday evening, when Notre Dame was victorious 33 to 19. Beaten the two previous nights at other schools, after a long run of unbroken victories on their home court, which they thought might entitle them to a high classification in sectional championships, the team from East Lansing was very much lacking in life in the game played here. The result was evident before a quarter of the game had been played.

Grant and Daley, who have been handicapped by injuries most of the playing season, were both in the game. Grant was at forward and scored four baskets in his first attempt at playing that position. McDermott continued his good work at the other forward, scoring six field baskets and seven fouls. Daley and McKenna kept track of the opposing forwards, and their guarding approached perfection. King, after putting the ball into play from the center position, was the main cog in the complicated passing-play that bewildered the M. A. C. all evening. Fitzpatrick and Ronchetti were the only substitutions made by Coach Harper, and these men replaced Daley and McKenna when the outcome of the game was no longer in question.

NOTRE DAME (33)
McDermott..................... R F. McDermott
Grant......................... L F. Grant
King......................... C. King
McKenna..................... R G. McKenna
Daley......................... L G. Daley

MICHIGAN A. C. (19)
Archer......................... L P. Archer
Peppard....................... R G. Peppard
McClellan.................... L G. McClellan
Frimodig..................... R G. Frimodig
—The regular bi-weekly meeting of the Notre Dame Poetry Society was held Sunday evening, February 18th. A number of new books were considered, special attention being given to “The Religious Poems of Lionel Johnson.”

Old Students’ Hall—Subscriptions to February 3, 1917.

The following subscriptions for Old Students’ Hall were received by Warren A. Cartier, Ludington, Michigan, treasurer of the building committee:

[Names and amounts listed]...

The Notre Dame Scholastic