

high, 30 feet long and 20 feet wide. On this monolith the workmen began their labors with drill, hammer and dynamite, and the enormous rock was converted into building stone. The pieces were conveyed to the town, and before long a wonderful metamorphosis was apparent, and then this giant boulder, after resting undisturbed for countless years and buried by the deposits of ages, was transformed into a beautiful church. In its rough state this great rock is estimated to have weighed more than 2,500 tons.

To build a church with material taken from one boulder is certainly surprising, but not so much as to build and complete a large wooden church from the timber of a single tree, no lumber from any other source being used, the building being the largest edifice in the country. This building is situated in Santa Rosa, Cal., and was erected for the members of the Baptist communion in that place. The timber was taken from a redwood tree that grew in the neighborhood. The interior of the church was paneled and was finished with wood, not a particle of plaster or other similar material being used. The floors, seatings, pulpit, roof and roofing were all formed from material taken from the same tree, and after the building was finished in every particular, stuff enough was taken from it to manufacture 60,000 shingles, besides a large quantity of scantlings, joists and other dimension stuff.—American paper.

### A Prince of Scientists

THE BRILLIANT INVENTIONS AND NOTABLE CAREER OF SIR WILLIAM THOMPSON, (LORD KELVIN.)

(‘Ram’s Horn.’)

When the history of this wonderful century of science comes to be written, there are few names that will glow with greater lustre upon its pages, than that of Lord Kelvin, i. e., Sir William Thompson. It is safe to say that posterity will rank him alongside of Galileo, Newton and Pascal.

He is a modern example of that rarity—a genius. Lord Kelvin is not only the greatest physicist of this generation, but also the leading electrical engineer and one of the most celebrated inventors of the world.

His first great work was to design a cable in which there was no retardation of electricity, thus enabling Cyrus W. Field to realize his great ambition of joining the continents. He invented the instrument for receiving the messages through the Atlantic cable, and did more than any other electrician toward its perfect working. He also invented the recorder used on all submarine cables for receiving and writing the messages. He first used piano wire for ‘flying soundings’ in the deep sea, rendered an important service to navigation in making the adjustable compass which bears his name, and perfected instruments for accurate measurements of electric currents. During the long years of his active life, he has made scores of valuable discoveries in heat, gases, magnetism, hydrostatics and mathematics. He has written a number of class books and scientific works very abstruse and profound.

Lord Kelvin was born in Belfast, in 1824. In early youth the lad revealed the qualities that were later to make him world-famous. As a boy he was precocious. At the age of

eleven he entered the Royal College where his father was professor of mathematics. He astonished the older scholars in his father’s class, by his preternatural quickness in solving abstruse mathematical problems. Later, he went to Cambridge, and while a student there published numerous original papers on physical subjects—heat, gases, electricity, etc. He was not, however, the pale student bent only on his books. He was a lover of outdoor sports. He won a sculling prize, and was one of the winning crew in a boat race between Cambridge and Oxford. He graduated in 1845, and after being for a time a student at Requault, in Paris, he became Professor of Natural Philosophy at Glasgow, in 1846. Here he has remained, in spite of most tempting offers to go elsewhere. He has honored the university by his presence. In 1896, the most distinguished scientists from all parts of the globe gathered at Glasgow to celebrate the golden anniversary of Lord Kelvin’s career as a professor, philosopher, author, and inventor.

Lord Kelvin’s mind is a marvel of brilliancy. One who knows him well, says:—



SIR WILLIAM THOMPSON (LORD KELVIN.)

‘He thinks with an electrical rapidity. He does not appear to weigh and reason, like most men, but to reach his result by pure intuition. See him engrossed in the subject of his discourse, and utterly forgetful of himself, or wild with rapture over the result of an experiment, and you will say this man was created for science, that he is a prophet or seer with a divine mission to reveal the physical laws. He seems to imbibe knowledge with the air he breathes or with the pores of his skin. He is gifted with a very keen perception.

‘Few things escape his notice, although he may not seem to observe them. His memory is uncommonly retentive, his reasoning faculty is most clear and precise, and his imagination strong and fecund. These rare endowments are all stimulated by a per-fervid zeal—a vehement enthusiasm for the pursuit of science.’

In character, Lord Kelvin is modest, kind, generous, and loving. In manner, like many of the greatest men, he is as simple and unaffected as a child. In later life, he has had little time to indulge his liking for outdoor sports, but in summer he usually takes a long cruise in his yacht, the ‘Lalla Rookh.’ It will be remembered, Lord Kelvin recently came to America and made the scientific convention at Toronto notable by his presence.

He has a great capacity for work, often carrying on his research into the small hours of the morning. Sometimes while

engaged in his laboratory, some theoretical subject will burst like a whirlwind upon his mind, take entire possession of him, and hold him spell-bound in its grasp for several days.

Lord Kelvin is an earnest Christian, full of faith and good works. He tries to live out the principles of Christianity in every day duties rather than to engage in polemic discussion regarding them.

His beautiful home is situated near the university, and, as might be expected, is provided with the latest electrical and other discoveries and inventions. It is heated with electricity; has long-distance telephones so he can talk at once with any one in England; and is resplendent with various ingenious devices including astronomical time, for annihilating time and making earth a scientific paradise.

### What Brings Peace.

A doctor who was visiting a Christian patient had himself long been anxious to feel that he was at peace with God. The Spirit had convinced him of his sin and need, and he longed to possess that peace which the world cannot give. On this occasion, addressing himself to the sick one, he said:

‘I want you to tell me just what it is—this believing and getting happiness, faith in Jesus, and all that sort of thing which brings peace.’

His patient replied:

‘Doctor, I have felt that I could do nothing, and I have put my case in your hands; I am trusting to you. That is exactly what every poor sinner must do in the Lord Jesus.’

This reply greatly awakened the doctor’s surprise, and a new light broke in upon his soul.

‘Is that all?’ he exclaimed: ‘simply trusting in the Lord Jesus! I see it, as I never did before. He has done the work. Yes, Jesus said on the cross, “It is finished,” and whosoever believeth in him shall not perish, but have everlasting life.’

From that sick bed the doctor went a happy man, rejoicing that his sins were washed away in the blood of the Lamb.

### BILLY BRAY, THE CORNISH PREACHER.

This wonderfully interesting book (paper cover) gives an anecdotal sketchy life of one of the most effective preachers ever used by God for the salvation of souls. This book free to ‘Messenger’ subscribers sending two new subscriptions at thirty cents each.

### The Find-the-Place Almanac

TEXTS IN PHILIPPIANS.

Mar. 10, Sun.—Unto you it is given in the behalf of Christ, not only to believe on him, but also to suffer for his sake.

Mar. 11, Mon.—Let nothing be done through strife or vainglory.

Mar. 12, Tues.—Let each esteem other better than themselves.

Mar. 13, Wed.—Let this mind be in you which was also in Christ.

Mar. 14, Thur.—He humbled himself, and became obedient unto death.

Mar. 15, Fri.—At the name of Jesus every knee should bow.

Mar. 16, Sat.—Every tongue should confess that Jesus Christ is Lord, to the glory of God the Father.

As many men, so many minds. ‘World Wide’ reflects the thought of both Hemispheres.