

BELL NEWS

And Ringers' Record :

A Weekly Journal of the Ringing Exercise; and Compendium of Information for the Clergy and Churchwardens.

No. 1531.—VOL. XXX.]

SATURDAY, AUGUST 5, 1911.

[PRICE ONE PENNY.]

GILLETT & JOHNSTON, CROYDON, Surrey. CLOCKS—BELLS—CARILLONS.

The Record Peal of Treble Bob Maximus (12,240 Changes) at Ashton-under-Lyne on Easter Monday, 1911, was rung within six months of the whole Ring of Twelve being repaired, and the TENOR (27 cwt.)

COMPLETELY REHUNG By

GILLETT & JOHNSTON.

The Ringer of the Tenor in the Record Peal wrote :—

"Your work to this bell is a **SPLENDID CREDIT** to you."

JAMES GEORGE, April 18th, 1911.

ESTABLISHED 1820

**JOHN PRITCHARD,
CHURCH
BELL ROPE,
CLOCK AND CHIMING ROPE
Manufacturer,
LOUGHBOROUGH.**

J. P. has had many years' experience in making Bellropes, and makes them only of the best quality.

PRICE LIST ON APPLICATION.

John Astley and Sons, Ltd.

HAVE MADE

BELL ROPES

Since the Reign of George III.

For Estimates send weight of Tenor, and number and length of Ropes required to

JOHN ASTLEY & SONS, Ltd
Rope Makers, COVENTRY.

SILK WRAPS, HANDKERCHIEFS,
and other Goods of original design.
Beautiful Silk Peal Records, very attractive.
W. MATTHEWS, Change-Ringer,
Bond Street, Macclesfield.

GEORGE H. GOLDWELL

MAKER OF

CHURCH, TURRET,

AND

PUBLIC CLOCKS

MIRFIELD, YORKS.

ESTIMATES FREE.

JAMES SHAW, SON & CO.

CHURCH & CARILLON

Bell Founders,

CHURCH BELL HANGERS,

LEEDS ROAD, BRADFORD,

YORKS.,

ESTABLISHED 1841

Bells cast singly or in Rings. Church Bells,
School Bells, and Factory Bells.

OLD BELLS RECAST OR REHUNG.

Musical Hand Bells

In sets, Diatonic or Chromatic Scales.

Musical Clock Bells and Carillons to
Size or Number.

Manufacturers by Steam Power of every
description of

**CHURCH TURRET & PUBLIC
CLOCKS.**

Price Lists and Estimates Free.

Greenleaf & Tristram

Church Bell Hangers,

And QUALIFIED BELL TUNERS

HEREFORD.

MR. GREENLEAF is a change-ringer, and has had over
30 years' experience as Bell Hanger and Bell Tuner.
Repairs and Estimates furnished. The following
Ch'rs: Macclesfield, 1881; 1882; 1883; 1884; 1885; 1886; 1887; 1888; 1889; 1890; 1891; 1892; 1893; 1894; 1895; 1896; 1897; 1898; 1899; 1900; 1901; 1902; 1903; 1904; 1905; 1906; 1907; 1908; 1909; 1910; 1911.

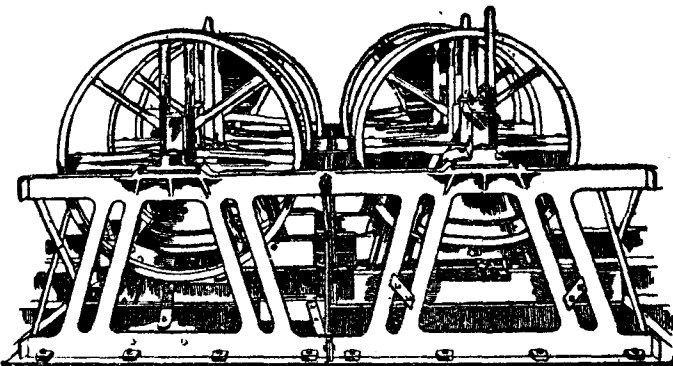
LLEWELLINS & JAMES, LTD. CASTLE GREEN, BRISTOL.

Church Bells

Singly & in Rings.

Bells recast to Note and Rehung.

INSCRIPTIONS
FAITHFULLY
REPRODUCED.



LLEWELLINS & JAMES LTD BRISTOL.

Bell Frames

IN
STEEL,
IRON,
or OAK.

EXPERIENCED BELLHANGERS who are also accomplished CHANGE RINGERS, sent to examine Bells and Fittings, and report thereon.

HARRINGTON'S PATENT

Tubular Bells FOR CHURCHES.

Tubular Bells are better and cheaper than the old form of Bell.

PEALS OF EIGHT BELLS—

Usual Size	£160
Large do.	£210 to £260

For Testimonials and Prospectus apply to

Harrington, Latham & Co.,
EARLSDON, COVENTRY.

A New Ringers' Badge or Medal,

In Gold, Silver, or Bronze.

This arrangement of badge is in the form of a Church Bell, of a true and correct shape, and can be worn as a pendant, medal, brooch, or badge. On the waist of the bell there is a handsomely-engraved shield, suitable for an inscription.

The bell is 1½ ins. deep from headstock to clapper-flight; three quarters of an inch broad; and can be had with ring or pin attachment.

PLEASE NOTE:—This handsome jewel is made in the CORRECT FORM of a CHURCH BELL.

Silver (one side)	8 8 8
„ „ both sides alike	8 5 0
Bronze	0 8 8
9-carat gold	1 10 0
Smaller size in gold from	0 15 8

MANUFACTURED BY

GEO. H. COLDWELL,

Member of the Ringing Association

CHURCH CLOCK MAKER, AND

Ringers' Jeweller,

NEWFIELD, YORKSHIRE

WEBB & BENNETT,

Church Bell Hangers & Tuners,

MILL STREET,

KIDLINGTON, OXFORD.

W. & B. are practical ringers, and having had considerable experience in Church Bell Hanging and Tuning with confidence solicit the patronage of Clergy, Churchwardens and Ringers generally.

W. and B.'s Wrought Iron X Frames for Church Bells are acknowledged to be one of the best kinds.

Towers inspected, Reports and Estimates given. Ellacombe Chime Hammers fixed. Bell Ropes supplied.

W. and B. hung the Bells upon which the Longest Peal yet ever rung single-handed, viz., 17,024 changes, time eleven hours fifteen minutes. Weight of tenor 26 cwt. Rang at Kidlington, May 22nd, 1899, by eight members of the Oxford Diocesan Guild.

J. F. MALLABY & CO.

Church Bell Hangers & Musical

Handbell Founders,

BARNBY DON, DONCASTER

CHURCH BELLS hung with every description of the latest approved fittings, in

OAK OR STEEL FRAMES,

HANDBELLS, of excellent tone, made to diatonic and chromatic scales, in sets any number and to any size.

FREDERICK WHITE,

Church Bell Hanger,

APPLETON, BERKS.

J. WARNER & SONS, Ltd.

BY ROYAL WARRANT

Bell & Brass Founders

TO HIS MAJESTY THE KING;

THE CRESCENT FOUNDRY,
SPELMAN STREET, LONDON, N.E.



Telegraphic Address:—**BIS BEN,** London.

Musical Bell Founders.

Hand-Bells in Sets, in Diatonic or Chromatic Scales. Clocks, Bells, and Carillons in any size or number. Bells of every description and size.

A Large Selection of Bell Literature always in Stock. **THE BELL HYMN BOOK**, by W. HALEY, for chiming tunes on Church Bells. Price, paper covers 3s. each. Cloth covers 3s.

TWELVE CAROLS for Handbell Ringers, by W. HALEY, Price 1s.

12 POPULAR AIRS, for Handbell Ringers, by W. HALEY, Price 1s.

THE HANDBELL TUTOR.—A Collection of Tunes for 8 or 10 bells. By W. HALEY, Price 1s.

BELL ROPES.

BELL ROPES.

THE VERY BEST

Are made by Messrs.

WM. SMITH & SON,

(Established 1768.)

GOMERSAL, LEEDS.

Our Ropes are the First Favourites of the Exercise.

Ringers are invited to try Yorkshire Ropes with Yorkshire End-Pieces.

COFFIN WEBS

Of either Cotton, Flax, or Hemp.

The Bell News and Ringers' Record.

No. 1531.

SATURDAY, AUGUST 5, 1911.

[Vol. XXX.]

LLANBRADACH, GLAMORGANSHIRE.

The dedication of the new ring of eight bells took place on Saturday, July 29th, by the Bishop of Llandaff, assisted by the Vicar of the parish, the Rev. E. Edwards, and the curate, the Rev. James Bevan. The service commenced at 5 o'clock by the singing of hymn 242, followed by the chanting of Psalms 84 and 150. A special lesson was next read, and after the creed and prayers were said hymn 292 was sung, and then followed the dedication of the bells, at the close of which they were rung in rounds for one minute. Hymn 298 was next sung, and afterwards the Bishop delivered an eloquent address to the congregation, and congratulated the Vicar and his co-workers on their efforts in obtaining such a fine ring of bells. Immediately the service was over the bells struck out in rounds followed by firing, and afterwards touches in various methods were rung.

Tea followed in the adjoining parish room, kindly provided by the Vicar. This over a sweet-toned ring of handbells was brought into use, and afterwards the tower was again visited and the bells set going, a quarter-peal of Grandsire Triples being successfully brought round in 46 mins. by—A. Hunt, W. B. Biss, F. Chamberlain, A. Slatter, J. Butler, J. Cross, J. W. Jones conductor, J. Smith. All are members of the Llandaff Diocesan Association.

The bells are by John Taylor and Co., who are to be congratulated for the excellent work put into this ring, the tone and go being perfect. They are fitted with iron headstocks, Heywood lubricators, and Hastings stay and slider. The new iron framework stands on stout steel girders. There is also fixed the Ellacombe improved chiming apparatus.

At the conclusion of the ringing refreshments were kindly provided, which brought to a close a most enjoyable day.

THE KENT COUNTY ASSOCIATION.

The quarterly meeting of the Lewisham district was held at Shoreham on Saturday, July 22nd. The bells were raised at 4 p.m. and kept going in various methods. Divine Service was held at 5.30, and a short but very interesting address was given by the Rev. H. D. Madge, Vicar. He gave the Association a very hearty welcome to the ancient old church of Shoreham. He told them that one of the bells was dated 1635, which was about the time the tower was built, but the part of the church they were sitting in was a great deal older, and the well preserved old rood screen was one of the finest in that part of the country.

After service the members adjourned to The George inn for tea. Owing to the intense heat it was decided to

hold the business meeting in the churchyard, beneath the shade of the yew tree. Owing to another engagement the Vicar could not be present, and Mr. E. Barnett, sen., was elected chairman. The minutes of the previous meeting were read and confirmed. Messrs. G. Ball and J. Cottis, of Dartford, W. Sheppard, of Hersham, and F. G. Woodiss, of Surbiton, were duly elected members, and the elections of W. J. Nevard, of Great Bentley, and W. S. Wise, of Croydon, were ratified. The district representative then gave his report of the committee meeting, which was accepted and a vote of thanks accorded him for the same. Lewisham and Crayford were proposed as the place of the annual district meeting, Lewisham being carried by a good majority for the fourth Saturday in October.

A hearty vote of thanks was accorded the Vicar for the use of the bells and his address; to the organist for his services; and to the Vicar of Eynsford for the use of his bells there. The tower was again visited and various touches rung till 9 p.m.

In the church tower of the little town of Crosslaswitz, in the north of Germany, hangs a bell, and on it is engraved its history, surmounted by a bas-relief representing a six-eared grain of corn, and the date October 15th, 1729. This is the story of the bell: At the beginning of the last century the only church bell at Crosslaswitz was so small that its tones were not sufficient to penetrate to the ends of the village. A second bell was badly needed, but the village was poor, and where was the money to come from? Everyone offered to give what they could, but their united offerings did not amount to nearly enough for the purpose. One Sunday when the schoolmaster, Gottfried Hayn, was going to church, he noticed growing out of the churchyard wall a flourishing green stalk of corn, the seed of which must have been dropped by a passing bird. The idea suddenly struck him that perhaps this one stalk of corn could be made the means of producing the second bell they wanted so much. He waited till the corn was ripe, and then he plucked the six ears on it and sowed them in his own garden. The next year he gathered the little crop thus produced, and sowed it again, and the next year again, till at last he had not enough room in his own garden for the crop, and so he divided it among a certain number of farmers, who went on sowing the ears until, in the eighth year, the crop was so large that when it was put together and sold, they found that they had enough money to buy a beautiful bell, with its story and its birthday engraved upon it, and a cast of the corn-stalk to which it owed its existence.

STEDMAN (Doubles & Triples)

FOR BEGINNERS.

By I. B. HOLMYARD, L.C.P., Midsomer Norton, Bath.—
Second Edition (revised and amended) now ready.
Price 6½d., post free, direct from the Author. Experts' opinions:—"Just what was wanted"; "Should prove of much assistance"; "Clearly put and well explained."

THE WARWICKSHIRE GUILD.

The fourth annual meeting of the above Guild was held in the historical town of Warwick on Saturday, July 29th, and advantage was taken of the occasion for the unveiling of the peal-board recording the first clerical peal of Stedman Caters, which was rung at St. Mary's church, Warwick, on Tuesday, October 11th, 1910. After the Rev. C. D. P. Davies (the conductor of the peal), had given the history of the previous clerical peals, the Lord Bishop of Worcester performed the unveiling ceremony, which was followed by a touch of Stedman Caters, in which three of the clergy who rang in the peal took part, viz., the Revs. C. D. P. Davies, C. Carew Cox, and E. V. Cox, the Rev. C. Carew Cox conducting the touch.

Evensong was held in St. Mary's church, the choir and organist being in attendance, a kindness which was much appreciated by all the members of the Guild. The Rev. E. G. Hatton-Fraenkl, Assistant-Priest, intoned the prayers, and the Rev. Alan Williams, Vicar of St. Mary's, read the lessons. The hymns appropriately chosen for the occasion were "Ye servants of the Lord," and "Songs of praise the angels sang." The Lord Bishop of Worcester preached from the text—"O come let us sing unto the Lord," and in an interesting and instructive address, traced the origin of bells from the Roman period to the present time, and went on to review the uses of bells, explaining how in times of national rejoicings bells played an important part, and in times of national bereavement bells are tolled. The Bishop went on to say how in times gone by the belfry was a place where things went on which were not seemly, and paid a high tribute to the good work which was being done by the Guilds of the country.

The President of the Guild (Rev. Alan Williams, Vicar of St. Mary's), very kindly entertained the members of the Guild and visitors to a meat tea at The Woolpack hotel, and amongst those present were, The Lord Bishop of Worcester, the Rev. Alan Williams, the member of Parliament for Warwick and Leamington, Mr. E. M. Pollock, k.c. and Mrs. Pollock, Rev. E. G. and Mrs. Hatton-Fraenkl, Rev. C. D. P. Davies, Rev. H. C. Back, Rev. E. V. Cox, the churchwardens of St. Mary's, Warwick, and also the following officers of the Guild: Rev. C. C. Cox, Messrs. Adams, Dickins, George, and Roberts, and the Hon. Secretary (Mr. A. L. Coleman), and about fifty-five other members and friends. After full justice had been done to the good things provided, and grace said, the Rev. Alan Williams proposed a hearty welcome to the Lord Bishop of Worcester and Mrs. Pollock for their presence that afternoon at the annual meeting of the Guild, to which the Lord Bishop and the hon. member for the division suitably replied. A hearty vote of thanks was moved by the Hon. Secretary to the Rev. Alan Williams for his kind hospitality to the Guild.

The business meeting was held in St. Mary's Hall, presided over by the Rev. Alan Williams. Letters expressing regret for non-attendance were received from the Archdeacons of Coventry and Warwick, Canon Blyth, the Revs. H. A. Cockey, F. J. O. Helmore, G. F. Coleridge, C. W. O. Jenkyn, J. F. Hastings, H. Law James, H. S. T. Richardson, and Messrs. G. E. Over, and T. Randle.

After the minutes of the last meeting had been read and confirmed, the Hon. Secretary read his report, which shewed a steady progress and expansion of the Guild, compared with the previous report. The membership had been increased by 26 new members during the past year, and also the number of peals rung in the higher methods,

showed a satisfactory increase for a small Guild. The Hon. Treasurer submitted his statement of accounts, which showed a balance in hand of £12 os. 8d. against £12 8s. 8d. in the preceding year, which was considered very satisfactory.

The following officers were elected: President—Rev. Alan Williams; Ringing Master—Mr. James George; Hon. Secretary—Rev. C. Carew Cox; Hon. Treasurer—Mr. W. G. Dickins; Hon. Auditor—Mr. John Ambrose. The following members were elected to serve on the Committee: Messrs. E. H. Adams, T. W. Chapman, T. Dickins, A. J. Hessian, A. James, G. A. Martineau, and A. Roberts. Mr. Harry Argyle was elected as representative on the Central Council. In appreciation of the St. Mary's services to the Guild's annual meetings, the sum of £1 1s. was voted to their funds. The following new rule was adopted: "That any ringing member who has paid three shillings in annual subscriptions and becomes non-resident in the county of Warwickshire, shall remain a member of the Guild without farther subscription, but shall not be allowed to vote or hold office, and shall not receive the annual report except on payment of sixpence."

The August meeting was fixed to be held at Aston on Saturday, August 27th, and the September monthly meeting at Henley-in-Arden on Saturday, September 23rd. The quarterly meeting was also fixed to be held at Nuneaton on Saturday, October 28th.

The chairman moved a vote of thanks to Mr. A. L. Coleman for his past services and good work he had done as Hon. Secretary of the Guild from its commencement, expressing the regrets of the members of Mr. Coleman not being able to offer himself for re-election, on account of having left the county to reside in Norfolk.

Votes of thanks were passed to Mr. Smallwood on his resignation of the Mastership of the Guild, for his past services. Votes of thanks were passed to the Bishop for his address, to the Vicars of St. Mary and St. Nicholas, Warwick, and All Saints, Emscote, for the use of their bells: to the organist and choir of St. Mary's for their attendance at the service, and to the retiring officers of the Guild, concluded the proceedings. Nine new members were elected, and there was an excellent attendance of members and friends of over 70, during the afternoon and evening.

SOME GREAT BELLS,

The people of Russia, and of Moscow in particular, wish to present Notre Dame, at Paris, with a new bell, as a mark of affection and sympathy towards the French nation. Cardinal Richard, a few years ago, received a telegram asking if one of the historic towers of the cathedral could receive a bell weighing upwards of 80 tons. The diocesan architect made a study of the conditions, and reported that there would be no room to swing it even if an opening were made for its passage into the tower. Moreover the hoisting of such a mass of metal would cause perturbation in the ancient edifice that might have serious consequences: so the bell was not cast. There is a Russian bell, nevertheless, in the belfry of Notre Dame already. It came from Sebastopol, under circumstances which would hardly make it a fitting emblem of international amity. It rests besides the great tenor bell of Notre Dame, and has never been hung. That tenor weighs about 10 tons, and was cast in 1683. The greatest bell of France was that of Rouen, which weighed more than 36 tons. It was melted during the Revolution. Rouen still has a bell weighing 18 tons, half a ton more than our Great Paul; and Sens,

Angers, and Rheims boast of bells rivalling in weight our Peter at York, and surpassing both Great Tom of Oxford and Great Tom of Lincoln. The weight of historical bells however is as uncertain as a lady's age is said to be. That of the great bell at Moscow, which never has been used as a bell, by the way, is variously estimated. It is not probably far off 198 tons. But there is a bell at Moscow in actual use of 128 tons, and another of sixty tons. To approach these one must go to Pekin, where there is a bell whose weight is said to be 53½ tons. In western Europe the Kaiserglocke of Cologne Cathedral, cast from 22 French cannon, and weighing 26 tons 13 cwt., is indisputably the largest. Bells go back into the midst of old, but the era of big bells is no older than the fourteenth century. Earlier specimees are all small, like the four-sided bell of St. Patrick, preserved at Belfast, and were in fact, handbells, which summoned the Romans to their bath.

BELLS AND BELL-RINGING.

It has been truly said that we never thoroughly value or appreciate anything until we have lost it. Who of us ever values good health as we ought until we have suffered the pains of a long illness, and seldom until we hear the solemn steeple music floating over the graves of our dear ones in the green consecrated acre of the old churchyard? Do we ever realise fully their goodness, and how dear they were to us when living? Even of common things, until they are taken from us, we little imagine what an important part they have played in our lives, and how much they have ministered to our daily wants and pleasures.

I, like thousands more of my fellow-citizens, never knew how dear the sweet sounding old bells, that for so many generations hung in the grand and lofty tower of the Archangel and Michael in our city were, until for the purposes of the restoration of truly magnificent and ancient fane, they were taken from their old home, in the red sandstone a few years ago. We never realised until their silvery voices were hushed, what a glorious institution our forefathers had left us. But, still we hope some time once more to hear their tuneful notes ring out again in full peal, and the dulcet music of their chimes pour out their melody, to think we can say with the poet Moore:

And so 'twill be when I am gone
These tuneful notes will still ring on;
While other bards shall walk these dells,
And sing your praise sweet ev'ning bells.

In all towns and even villages, but especially in old cities like my native Coventry, the associations and memories that cluster round the church tower and its ring of bells, are of the most solemn character. As we revisit and look up to the grey time-worn old steeple, which our forefathers built, and which from generation to generation they have gazed upon, how our thoughts are stirred as we look back with the mind's eye to our first Confirmation, or our marriage, when their voices rang out a merry peal of welcome; or when with slow and sorrowful boom they rang out a solemn dirge on the death of some one very near and dear to us, or of the countless times they have called us to the House of Prayer.

Yes; the bells are truly monitors of time and circumstance, of our joys and our sorrows, with many voices they welcome our entrance into the world, and with muffled notes they tell us out. As with slow and measured steps

poor old mortality is taken with all the pomp and vanity of sorrowing friends "to that bourne from whence no traveller returns."

Year by year the steeple music
O'er the tended graves shall pour;
There the dust of saints is garnered
Till the Master comes once more.

There can be no doubt church bells have done much to make people sad and sorrowful, happy and joyful. And it is very singular the different effects the ringing of church bells has upon people of different temperaments, even rang in what may be called a normal manner for mere practice, making some quite unhappy, while they raise the spirits of some to the seventh heaven of delight. But I will venture to say, it is only when bells are badly cracked or from unskilful casting, are discordant in tone, and send forth from some low tower, their monotonous, unmusical, and irregular chant, that they make any one really miserable, and to those living in their immediate vicinity, become an intolerable nuisance. There can be no doubt these calls to prayer, praise, and thanksgiving in the present day, bad and unskilful rung bells are a great annoyance to many of a nervous temperament, and those engaged in quiet occupations requiring much brain work.

Tower-keepers and ringers generally must remember that this is a musical age, and too much attention cannot be paid to keep and maintain the bells in good going order, and if any structural repairs are required, let them be done by those who understand the business, and not by some of nature's journeymen; then by plenty of practice and thoughtful study of the Art, successful peals and correct music may be heard to issue through the louvres of the church tower, and the music of the bells, like all other true and correct music, shall, as Shakespeare says, "be medicine to the mind."

Bells have for many ages been the delight of almost all nations and races of men, civilised and semi-civilised people have all been impressed with the heavy boom of some monster in metal. As the Englishman of the present day is with either the noble tenor in the national Cathedral of St. Paul's, or with Big Ben at Westminster, both of which bells send their mellow notes forth over the house-tops into the two cities, not forgetting Big Tom of Lincoln in the sacred tower of St. Hugh, whose 5 tons 8 cwt. of metal is still heard to sound over hill and fen.

This beautiful bell of old Roman Lincoln was cast in 1834, from what had been for many centuries called the "Lady Bell," which formerly hung in the Cathedral of that city.

In conclusion let me say with the best of feelings towards bellringers, for like myself they are servants of the Church, and fellow-workers in the great religious society to which we have the privilege to belong, to do all they can to keep the bell and ringing-chamber pure and undefiled, and themselves strictly sober. Many a good peal has been spoilt in days past by the can of beer going round too often. I don't say have none, let every man be a law to himself, and take as much as will do him good; so that loving your Art with a clear head and a steady arm, you will be able to

Ring out the false, ring in the true,
Ring out the shapes of foul disease;
Ring out the narrowing lust of gold,
Ring out the thousand wars of old,
Ring in the thousand years of peace.

W.

CONCERNING BELLS.

There are more mysteries in a peal of bells than were touched upon by the Bishop of Chalons in his sermon. There are Plain Bob Triples, Bob Majors, Bob Majors reversed, Double Bob Majors, and Grandsire Bob Caters, and there is a Bob Maximus. Who Bob was, and whether he were Bob Major, or Major Bob, that is whether Major were his name or his rank, and if his rank, to what service he belonged, are questions which inexorable Oblivion will not answer, however earnestly adjured. And there is no Witch of Endor who will call up Bob from the grave to answer them himself. But there are facts in the history of bellringing which oblivion has not yet made her own, and one of them is that the greatest performance ever completed by one person in the world was that of Mr. Samuel Thurston at the New Theatre Public House in the City of Norwich, on Saturday evening, July 1st, 1809, when he struck all these intricate short peals, the first four upon a set of eight musical handbells, the last on a peal of ten.

But a performance on handbells when compared to bellringing is even less than a review in comparison with a battle. Strength of arm as well as skill is required for managing a bellrope. Samuel Thurston's peal of Plain Bob Triples was "nobly brought round" in two minutes and three quarters, and his Grandsire Bob Caters were as nobly finished in five minutes and fourteen seconds. The reader shall now see what real bellringing is.

The year 1796 was remarkable for the performance of great exploits in this manly and English Art, for to England the Art is said to be peculiar, the cheerful carillons of the continent being played by keys. In that year, and in the month of August, the Westmoreland Youths rang a complete peal of 5040 Grandsire Triples in St. Mary's church, Kendal, being the whole number of changes on seven bells. The peal was divided into ten parts, or courses of 504 each; the bobs were called by the 6th, a lead single was made in the middle of the peal, and another at the conclusion, which brought the bells home. Distinct leads and exact divisions were observed throughout the whole, and the performance was completed in three hours and twenty minutes. A like performance took place in the same month at Kidderminster in three hours and fourteen minutes. Stephen Hill composed and called the peal, it was conducted through with one single, which was brought to the 4984th change, viz., 1,267,453. This was allowed by those who were conversant in the Art to excel any peal ever yet rung in this kingdom by that method.

Paulo majora canamus. The Society of Cambridge Youths that same year rang, in the church of St. Mary the Great, a true and complete peal of Bob Maximus in five hours and five minutes. This consisted of 6600 changes, and for regularity of striking and harmony throughout the peal was allowed by competent judges to be a very masterly performance. In point of time the striking was so much a nicety that in each thousand changes the time did not vary one sixteenth of a minute, and the compass of the last thousand was exactly equal to the first.

Eight Birmingham Youths (some of them were under twenty years of age) attempted a greater exploit; they ventured upon a complete peal of 15,120 Bob Major. They failed. For after they had rang upwards of eight hours and-a-half, they found themselves so much fatigued that they desired the caller would take the first opportunity to bring the bells home. This he soon did by omitting a bob, and so brought them round, thus making a peal of 14,224

changes in eight hours and forty-five minutes; the longest which was ever rung in that part of the country, or perhaps anywhere else.

In that same year died Mr. Patrick, the celebrated composer of church bell music, and senior of the Society of Cumberland Youths—an Hibernian sort of distinction for one in middle or later life. He is the same person whose name was well known in the scientific world as a maker of barometers; and he it was who composed the whole peal of Stedman's Triples, 5040 changes (which his obituarist says had till then been deemed impracticable, and for the discovery of which he received a premium of £50 offered for that purpose by the Norwich amateurs of the Art), "his productions of real double and Treble Bob Royal being a standing monument of his unparalleled and superlative merits." This Mr. Patrick was interred on the afternoon of Sunday, June 26th, in the churchyard of St. Leonard, Shoreditch; the corpse was followed to the grave by all the ringing societies in London and its environs, each sounding handbells with muffled clappers, the church bells at the same time ringing a dead peal.

James Ogden was interred with honours of the same kind at Ashton-under-Lyne, in the year of this present writing, 1827. His remains were borne to the grave by the ringers of St. Michael in that town, with whom he had rung the tenor bell for more than fifty years, and with whom he performed "the unprecedented feat" of ringing five thousand on that bell (which weighed 28 cwt.) in his sixty-seventh year. After the funeral his old companions rang a dead peal for him of 828 changes, that being the number of the months of his life. Such in England are the funeral honours of bellringers.

It would take ninety-one years to ring the changes upon twelve belis, at the rate of two strokes to a second; the changes upon fourteen could not be rung through at the same rate in less than 16,575 years; and upon four and twenty they would require more than 117,000 billions of years. S.

THE PETERBOROUGH AND DISTRICT GUILD.

PETERBOROUGH.—On July 27th, at St. Mary's church, two 1208 of Oxford Bob and 471 of Plain Bob. J. Dunthorne, E. Tilley, H. A. Traynar, A. Johnson, J. Jutson, G. Jutson conductor.

BROMSGROVE (Worcestershire).—On Sunday evening, July 23rd, for Divine Service at the parish church, a quarter-peal of Grandsire Triples in 49 mins R. Lines, G. Lines conductor, J. Eades, G. Hayward, G. Ward, J. Mason, O. James, T. Corbett. Rang to oblige G. Lines, who was on a visit from Sheffield.

ISLEWORTH (Middlesex).—On Sunday, July 30th, for morning service, a quarter-peal of Grandsire Triples. E. Webb, F. G. Goddard, E. Dewey, T. Beadle, P. H. Smith, G. Spencer, W. New conductor, H. Beadle. This was arranged for Mr. P. H. Smith, of Ecclestone, Chester, and was his first quarter-peal; also for Mr. Dewey, of Reigate, Surrey. For evening service a 504 Grandsire Triples. E. Webb, G. Spencer, W. New, W. Lidbetter, T. Beadle, E. Dewey conductor, F. G. Goddard, A. Sheard.

KIBWORTH (Leicestershire).—On Saturday, July 29th, the following touches were rung: 416 Double Norwich. F. Stanforth, L. E. Allen, E. Morris, A. Pettitt, F. H. Dexter, S. Cotton, J. Morris, C. H. Fowler conductor. 720 Stedman Triples. E. Morris, L. E. Allen, S. Cotton, A. Pettitt, C. H. Fowler, F. Dexter conductor, J. Morris, T. B. Smith. 160 Bob Major and 182 Grandsire Triples, conducted by E. Morris. It was intended to ring a peal, but on account of the weather being so hot the above was rung instead, as a 22nd birthday compliment to Ernest Morris.

LEEK, STAFFORDSHIRE.—Concluded.

On August 9th, 1908, Mr. Turner joined in touches of Bob Major and Triples at intervals during the day from 6.30 a.m. to 8 p.m. in honour of the Coronation of the late King Edward, and this unique record he crowned by coming over from Coventry to Leek in May of last year to join for a short time (in view of his advanced years) in the mourning peal rung at St. Edward's for the memorial service to the late King. Change-ringing is an art which naturally lends itself to the compilation of records, but it may safely be claimed that few professors of the Art still practising it can lay claim to such an interesting diary as that which the late Mr. Turner possessed, and in his case we may well say—

"Life's work well done,
Then comes rest."

A further short touch was rung in the tower when the mourners returned from the Cemetery, and on Sunday the bells remained muffled, and touches of Stedman and Double Norwich were rung before the morning and evening services, conducted by Mr. Ridgway.

It might be mentioned that one of Mr. Turner's special hobbies was the collection of five-shilling pieces. He has served at Leek under six different Vicars. His companion—Mr. Sherratt, is one of the oldest ringers in the county. He assisted in the peal rung at the opening of the two treble bells which supplemented the original ring of six, and were hung in the tower in 1863. Since that date Mr. Sherratt has assisted at the celebration of every important event in the Royal Family, from the marriage of our late King Edward and the Princess Alexandra in 1863 onwards, including Queen Victoria's two jubilees in 1887 and 1897, and the memorial service to King Edward last year. Last year he was presented with a golden bell as a watch pendant.

Obituary.

JOHN W. DALE.

We greatly regret to announce the death of the above-named ringer, which took place on Wednesday, July 26th, at his residence, 4, Hyde Park Terrace, Walcott Street, Hull, at the age of 52. The deceased was a shipwright, and had for many years worked for the firm of Messrs. Thos. Wilson and Co., and was at work on the Monday previous to his death. He had been a ringer at Holy Trinity church, Hull, for about twenty-five years, and had taken part in thirty-three peals. Always present, it would be hard to find a ringer more regular and more punctual to his duties. The funeral took place at the Western Cemetery on the following Saturday afternoon in the presence of many relatives and sympathising friends. The coffin was borne to the grave by some of his old workmates. After the committal sentences had been read at the graveside, a deep impression was made on all who had come to pay their last tribute of respect, by Messrs. T. Stockdale, G. Hare, C. Jackson, and J. W. Stickney, standing near the grave and ringing a course of Grandsire Triples on the handbells. In the evening, at Holy Trinity church, a touch of Grandsire Triples, fifty-two leads, representing deceased's age. And on Sunday morning, for Divine Service, 504 with the bells muffled. M. Hedges, T. Stockdale, G. Dowling, T. Whitfield, E. Cutsforth, J. W. Stickney, C. Jackson conductor, F. Mersison, J. Highfield, D. W. Brown and T. Harrison. The deceased was a life member of the Yorkshire Association, joining in 1888, also of the North Lincolnshire Association.

A DIAGRAM OF UNION TRIPLES (1893), may be had gratis, on application by letter to W. H. THOMPSON, 5, Sillwood Street, Brighton, to whom the unsold remainder has been returned by the publishers.

GRANDSIRE TRIPLES.

By W. H. THOMPSON.

Regular peals of this kind, at which I was aiming in the false productions which I sent to you in May, cannot be arranged by means of C. G. S., because there must in each part be a repetition of one handstroke; all chance of any such repetition can however be avoided by the use of Single described on page 220 of Snowdon's "Grandsire" (1905). To illustrate this, I append three examples, which without doubt are true and complete, as well as regular peals.

5040.		5040.		5040.	
234567		234567		234567	
752634	I	672453	2	672453	2
347265	2	256743	3S	256734	3
763452	3	372456	I	472356	I
637452	4	643527	IS	564237	2
246537	I	546732	5	265743	5
462537	4	325674	2	372465	I
754362	I	573246	3	653247	2
467523	3	625473	I	476325	2
354267	I	576234	3	374562	5
723645	IS	425376	I	253674	I
567423	I	324657	5	372546	3
345267	I	623745	5	653472	I
673524	2	236745	4	536472	4
456273	I	572436	I	725643	2
324765	IS	365247	2	367425	I
463257	3	723465	I	463572	5
574326	2	657342	2	254763	I
425753	3	426735	2	752346	5
374652	IS	574326	I	637452	I
263574	I	265437	2	756342	3S
452763	I	532674	3	237456	I
374625	IS	745236	2S	642537	I
743625	4	627345	I	376254	2
257364	2	536472	IS	423576	2
432675	IS	435267	5	654732	IS
564732	I	674523	2	276354	I
275364	I	356274	I	762354	4
432657	IS	673542	2	257643	3
634725	5	256473	I	362457	I
576234	I	732645	2	573246	2
635742	3	637524	5	625473	I
276435	I	726345	3	576234	3
632754	3	537426	I	275463	5
546273	2	265743	2	752463	4
325764	IS	762354	5	457326	5
473625	I	437562	I	264735	2
564273	I	624753	2	762534	5S
325746	IS	536427	2S	457362	I
253746	4	275634	2S	234657	I
		462375	I	762543	IS
		754236	2	627543	4
		367425	2	356427	I
		463572	5	273645	2
		374625	3	342756	3
		563274	I	673542	I
		375642	3	426357	2
		263475	I	734526	I
		462537	5	537642	5
		754362	I	375642	4
		467523	3	423567	2
		234756	2		

Four times repeated.

Twice repeated.

Twice repeated.

VANCOUVER, BRITISH COLUMBIA.

On Saturday, July 1, 1911, in Two Hours and Fifty nine Minutes,

AT THE (R.C.) CHURCH OF THE HOLY ROSARY,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

HOLT'S ORIGINAL.

Tenor 17½ cwt.

A. C. LIMPUS* Treble.	*W. R. WARNER.. .. 5.
G. W. FOSTER 2.	†M. BENNETT 6.
F. M. BRESSEY† 3.	†R. J. CARRIER 7.
G. PEARCE 4.	F. JONES Tenor.

Conducted by G. W. FOSTER.

This peal was rung on Dominion Day, and is the first peal rung in the Dominion of Canada, and is the second peal rung on the American continent. *First peal. †First peal of Triples. The ringers of the above peal hail from the following districts: Treble—Twickenham; end—Borden, Kent; 3rd—Wanstead, Essex; 4th—Bristol; 5th—South Weald, Essex; 6th—Burbage; 7th—Bedford; Tenor—Wolverhampton.

MONEWDEN, SUFFOLK.

THE NORWICH DIOCESAN ASSOCIATION.

On Sunday, July 9, 1911, in Two Hours and Thirty-five Minutes,

AT THE CHURCH OF ST. MARY,

A PEAL OF TREBLE BOB MINOR, 5040 CHANGES;

Being 720 each of Oxford Delight, Woodbine, Violet, New London Pleasure, Kent, Duke of York, and Oxford.

CHARLES E. FISHER.. .. Treble.	JAMES STARLING 4.
GEORGE ABLITT.. .. 2.	HENRY PUTTOCK 5.
DAVID LEGGETT 3.	WILLIAM SAWYER Tenor.

Conducted by WILLIAM SAWYER.

STOKE GOLDING, LEICESTERSHIRE,

THE MIDLAND COUNTIES ASSOCIATION.

On Saturday, July 22, 1911, in Two Hours and Forty-two Minutes,

AT THE CHURCH OF ST. MARGARET,

A PEAL OF TREBLE BOB AND SURPRISE MINOR, 5040 CHANGES;

Being one 720 of College Exercise, two of Cambridge Surprise, one each each of Woodbine and Oxford, and two of Kent Treble Bob.

WILLIAM E. WILES.. .. Treble.	WALTER J. HORTON 4.
EDGAR VALLANCE 2.	THOMAS H. VALLANCE 5.
GEOFFREY J. STONELEY 3.	E. HARRY STONELEY Tenor.

Conducted by E. HARRY STONELEY.

Rang in honour of St. Margaret's Day. First peal of Treble Bob Minor by all, and on the bells.

DRIFHLINGTON.—THE YORKSHIRE ASSOCIATION.

On Saturday, July 22, 1911, in Three Hours and Ten Minutes,

AT THE CHURCH OF ST. PAUL,

A PEAL OF TREBLE BOB MAJOR, 5024 CHANGES;

In the Kent Variation.

Tenor 16 cwt.

JAMES COTTEBELL Treble.	FRANCIS BARKER 5.
EDWARD CROWTHER 2.	FIRTH HOPWOOD 6.
JOHN PALFRAMAN 3.	JOSEPH BROADLEY 7.
EDWIN WHEATER 4.	GEORGE W. STEEL Tenor.

Composed by C. H. HATTERBLEY, and Conducted by G. W. STEEL.

BURGH, SUFFOLK.

THE NORWICH DIOCESAN ASSOCIATION.

On Sunday, July 23, 1911, in Two Hours and Forty Minutes,

AT THE CHURCH OF ST. BOTOLPH,

A PEAL OF TREBLE BOB MINOR, 5040 CHANGES;

Being 720 each of London Scholars' Pleasure, College Exercise, New London Pleasure, Duke of York, Woodbine, Kent and Oxford.

ALFRED CLEMENTS Treble.	JAMES STARLING 4.
DAVID LEGGETT 2.	GEORGE ABLITT 5.
C. E. FISHER 3.	WILLIAM SAWYER Tenor.

Conducted by W. SAWYER.

HASKETON, SUFFOLK.

THE NORWICH DIOCESAN ASSOCIATION.

On Sunday, July 23, 1911, in Two Hours and Fifty Minutes,

AT THE CHURCH OF ST. ANDREW,

A PEAL OF BOB MINOR, 5040 CHANGES;

Being seven 720s each called differently.

Tenor 10 cwt.

CHARLES CRAPNELL Treble.	HARRY BURCH 4.
WALTER BABBER* 2.	HARRY CUTTING 5.
WILLIAM KING 3.	CHARLES KING Tenor.

Conducted by C. KING.

*First peal.

TUNSTALL, KENT.

THE KENT COUNTY ASSOCIATION.

On Monday, July 24, 1911, in Two Hours and Thirty-seven Minutes,

AT THE CHURCH OF ST. JOHN THE BAPTIST,

A PEAL OF MINOR, 5040 CHANGES;

Being 720 each of Double Oxford, Oxford Treble Bob, Canterbury Pleasure, Kent Treble Bob, College Single, Oxford Bob, and Plain Bob. Tenor 9 cwt.

JOHN W. UNWIN* Treble.	WILLIAM SPICE, JUN. 4.
GEORGE H. SPICE 2.	WILLIAM SPICE, SEN. 5.
THOMAS JULL 3.	ALBERT J. DAY Tenor.

Conducted by ALBERT J. DAY

*First peal.

WOLSTANTON, STAFFORDSHIRE.

STOKE ARCHIDIACONAL ASSOCIATION.

On Tuesday, July 25, 1911, in Two Hours and Fifty Minutes,

AT THE CHURCH OF ST. MARGARET,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

HOLT'S SIX-PART.

WILLIAM FITCHFORD Treble.	CHARLES MORLEY 5.
JAMES WHITFIELD* 2.	ARTHUR L. SMITH 6.
JOHN MORLEY 3.	†ERNEST A. SHERRATT 7.
CHARLES BISHOP 4.	†ALECK POUNTAIN Tenor.

Conducted by ERNEST A. SHERRATT.

†First peal. *First peal with a bob bell. †First peal as conductor. Rung as a farewell peal to J. Whitfield, who is leaving for Canada, the band wishing him every success in his new enterprise.

HENLEY, SUFFOLK.

THE NORWICH DIOCESAN ASSOCIATION.

On Thursday, July 27, 1911, in Two Hours and Fifty-six Minutes,

AT THE CHURCH OF ST. PETER,

A PEAL OF TREBLE BOB MAJOR, 5024 CHANGES;

IN THE OXFORD VARIATION.

Tenor 8 cwt. 3 lbs. in A flat.

JAMES MOTTS Treble.	WILLOUGHBY E. MAULDEN 5.
REV. WILLIAM C. PEARSON 2.	STANLEY W. HULL 6.
JAMES BETTS 3.	ERNEST F. POPPY 7.
CHARLES A. CATCHPOLE 4.	WILLIAM J. NEVARD Tenor.

Composed by H. DAINS, and Conducted by JAMES MOTTS.

LAMBERHURST, KENT.

THE KENT COUNTY ASSOCIATION.

On Friday, July 28, 1911, in Two Hours and Forty-eight Minutes,

AT THE CHURCH OF ST. MARY,

A PEAL OF BOB MINOR, 5040 CHANGES;

Being seven 720s each called differently.

JIM BEACH Treble.	FREDK. J. LAMBERT.. .. 4.
ANDREW MARSHALL 2.	ERNEST C. LAMBERT 5.
FRANCIS S. WILSON.. .. 3.	EDWIN LAMBERT Tenor.

Conducted by EDWIN LAMBERT.

Quickest peal on the bells, and was arranged for F. S. Wilson who is staying in the neighbourhood for a few days. It was also his first peal of Minor, and he was elected a member of the above Association previous to starting.

**EAST TYTHERLEY, HANTS.
THE WINCHESTER DIOCESAN GUILD.**

On Saturday, July 29, 1911, in Three Hours,

At the Church of St. Peter,

A PEAL OF STEDMAN TRIPLES, 5040 CHANGES:

THURSTANS'S FOUR-PART.

Tenor 14½ cwt.

WILLIAM W. GIFFORD .. Treble.	WILLIAM H. GEORGE .. 5.
HENRY W. WILKES 2.	GEORGE WILLIAMS 6.
LIONEL H. PAGE 3.	WILLIAM T. TUCKER .. 7.
LEONARD HARRIS 4.	OWEN GILES Tenor.

Conducted by GEORGE WILLIAMS.

**LONG EATON, DERBYSHIRE.
THE MIDLAND COUNTIES ASSOCIATION.**

On Saturday, July 29, 1911, in Three Hours and Eight Minutes,

At the Church of St. Lawrence,

A PEAL OF TREBLE BOB MAJOR, 5184 CHANGES;

IN THE KENT VARIATION.

Tenor 11 cwt.

ERNEST OLIVER Treble.	WILLIAM CLIFFORD, SEN. 5.
R. ALLAN HICKTON 2.	J. CHARLES DICKEN .. 6.
ALBERT COPPOCK 3.	PERCIVAL PRICH 7.
JOSEPH BAILEY 4.	NEVILLE WIDDOWSON .. Tenor.

Composed by A. KNIGHTS, and Conducted by ALBERT COPPOCK.

*First peal.

BRENTWOOD, ESSEX.

**THE MIDDLESEX COUNTY ASSOCIATION AND LONDON
DIOCESAN GUILD.**

On Saturday, July 29, 1911, in Three Hours and Eighteen Minutes,

At the Church of St. Thomas-the-Martyr,

A PEAL OF BRISTOL SURPRISE MAJOR,

5056 CHANGES.

Tenor 19½ cwt.

GEORGE R. PYE Treble.	BERTRAM PREWETT 5.
WILLIAM MILLER 2.	HARRY F. DAWKINS .. 6.
GEORGE H. JAYE 3.	ROBERT E. STAVERT .. 7.
ERNEST PYE 4.	WILLIAM PYE Tenor.

Composed by A. KNIGHTS, and Conducted by WILLIAM PYE.

First peal in the method on the bells.

ST. SIDWELL'S SOCIETY, EXETER.

The annual outing of the members of the above Society took place on a recent Saturday, when a trip was made to Cheltenham and Gloucester. The party met at St. David's Station at 3.45 a.m., and found three compartments reserved in the 4.0 a.m. excursion. It was agreed that the climatic conditions were in favour of a good day, but some were dubious whether the programme would be carried through, in view of the heat previously experienced. Cheltenham was reached at 8 o'clock. Mr. W. T. Pates (the genial ringing master of St. Mary's) met and gave them a hearty welcome, and favoured the party with his company the whole of the day. After breakfast there was a sprinkle of rain, and it was cold enough for an extra garment. When a start was made to Prestbury on top of the tram it was discovered one of the party was missing, and it transpired that he had taken refuge inside of the car, in consequence of the change of atmosphere. At Prestbury, a quaint little village, the sweet ring of eight bells were set going in touches of Stedman and Grandsire. Now the weather had changed, and could be seen it would be fine for the remainder of the day. After having a look over the church and a chat with Mr. Davis, tracks were made for a journey on tram to Charlton Kings, and here the bells were rung in Stedman Triples. It was a very pretty ride to Charlton Kings, but as a train had to be caught

for Gloucester not much time could be spent here, and on arrival back at Cheltenham the party just had time to have a look round the interior of St. Mary's church, and on a pillar it soon came under the visitors' observation a splendid brass tablet, recording the record peal rung on the bells by the Association, to commemorate the Jubilee of the late Queen Victoria. The peal took over nine hours to ring, and was conducted by Mr. W. T. Pates.

On arrival at Gloucester Messrs. Davis and Austin were at the station to welcome them, and dinner not being quite ready they conducted the party through the Cathedral. After the mid-day meal St. Michael's church was visited, and as the time for ringing was limited only two or three short touches of Stedman Caters were rung. The bells are very musical, but require careful handling. The next item on the programme was to ring at the "Crypt." Owing to illness this had to be abandoned, so the remainder of the time in Gloucester was devoted to visiting places of interest.

Mr. G. H. Phillott, previous to their leaving Cheltenham for Gloucester, extended an invitation to the party to return early in the evening, and have a convivial meeting in Cheltenham. The party left Gloucester at 8.0 p.m. and on arrival at Cheltenham met at an hotel and spent the time allotted in harmony and recitations. Mr. Musty, one of the Cheltenham veterans, looked in and gave one of his songs. Messrs. Phillott and Pates very kindly piloted the party, at a late hour, to Malvern Road station, and the "ever faithful city" was reached at 4.0 a.m. on Sunday morning.

The members of the above Society wish to thank the clergy for the use of the bells, and appreciate the kindness of Messrs. W. T. Pates and G. H. Phillott (Cheltenham), John Austin and E. Davis (Gloucester), D. Davis (Prestbury), and W. Dyer (Charlton Kings), for making a very enjoyable day.

Correspondence.

THE EXTENSION OF STEDMAN.

SIR,—I have to thank the Rev. James for the answer he is pleased to give to my question under this head. In reply thereto, permit me to tell him it is very much easier to pronounce my researches absolutely worthless than it is to prove the truth of such a statement, excepting of course that they are useless for the theory he is advocating. In his answer Mr. James makes rather light use, and is scarcely complimentary in his reference to that highly honoured member of the Exercise, Fabian Stedman, in pointing out that his Doubles is a touch containing bobs, and he did not know it. The touch, as he styles it, contains the full extent of even course changes. Stedman knew this, and invented a single to get the extent of his Doubles both odd and even course changes. What more is wanted? The term touch is new, it was known as a peal in those days, and what is now known as a peal did not in those days exist. Further, there are no bobs in Stedman Doubles until a rule is invented to find them. Now I challenge Mr. James to contradict these facts by the use of every ordinary words, except that on those of his science. I mention this, as by this science or theory he mixes up course order with bob changes, method with principle, that many of us cannot perhaps properly understand him. In his letter he tells us the first real attempt at scientific classification was made by Shipway. This is an oversight I should think, but it is not correct, as by turning to the "Clavis," 1788, we find on page 103 and several others, Bob Bob Major, Bob Major Reverse, which is scientific classification by his own showing, as although Shipway does not quote from the "Clavis" he copies therefrom without reference or apologies, and continued his work upon similar lines. What Shipway really did was to divide the Court methods and build or invent versions, and so complete the trio, single, double, and reverse, etc. But you see he was

not first, he followed others. Now by my reading of "Tintinologia" for Grandsire method, and the first publication of it, the "Campanalogia" containing Stedman Doubles, wherein it is first published, I note Stedman's achievements gain him a twin triumph when he brings out his new methods, and then for Mr. James to tell us that the science was unborn in his day! This is almost ridiculous. Why Stedman not only classified, but he made or invented the class for classification, as not only Grandsire and his Doubles are standing to his credit, as there is his Court, given in "Standard Methods," Double Court, another example of his work. The last I will mention is his Imperial Bob. In this we have the earliest example of Major, with Treble Bob hunt; it contains Surprise places and a free proof scale. These are all published in his Campanalogia in the year 1667. This latter method is the finest example of a Major Surprise method ever composed, that it can be given in single, reverse or double form, just as first mentioned by the Clavis of Bob Major. Norfolk Surprise is another form of it, as here there are no places made next the Treble, either behind or before, but the internal work is otherwise exactly the same. Thus this method is the finest example of a scientific master that has ever been produced in the Art. In saying this I court criticism. The example is well worth looking up, as no other author has such a brilliant record. We are told P Plain. The whole of the working bells continuing in the same course order. (That is as in the plain course order of each or every method or principle, as each one has a course order of its own, differing considerably, as for instance take Double Norwich and London Surprise as examples.) Now this P proposition is given in a vague and incomplete form, and perhaps what I've added does not suit Mr. James's view. But that is mine. B. Bob. The course order of three working bells altered (excepting those whose position is retarded by the exactions of method, as in New Cumberland Surprise, Bristol Surprise and others.)

HENRY DAINS.

P.S.—I almost think we are corresponding under an erroneous title, as I think the Extension of Stedman would be a more appropriate title.

H. D.

NEW METHODS.

SIR,—It is of no use for anyone to attempt to produce new Major principles or new Minor methods. The Major principle given in this week's "BELL NEWS" as Harpur is really Barnsbury, and it is included in the Collection of Major methods presented to the Council meeting at Leicester. The two Minor methods went into my waste paper basket along with several hundred others in 1906, when the Collection of Minor methods, which was published by the Council in 1907 was being made. Minor is worked out, everything worth having is in the Collection, and all the rest have been written out and thrown away. Major Principles are worked out, and all plain Major methods. Pure Treble Bob Major methods and most of the mixed Treble Bob Major methods are in manuscript ready for the consideration of the Committee. If composers want to produce something really new, they had better turn their attention to Royal and Maximus.

H. LAW JAMES.

"HARPUR," BY J. W. BARKER.

SIR,—In your issue of July 29th the above is given as new. It is practically the same method as Duffield, by Sir A. P. Heywood, and was produced before this gentlemen's book was published in 1888; so it is close upon a quarter of a century old.

R. CARTWRIGHT.

STEDMAN.

SIR,—Mr. Dains asked me a plain question, and I gave him a plain answer, and it seems as if Mr. Willson has taken offence at my answer, which was not intended to give offence to anyone but simply to ask ringers to put on one side preconceived ideas and study things as they are. Mr. Willson then proceeds to say that this has been a question of "terminology." Now this is exactly what it is not, and never has been to me, and if I have written anything that has given this impression then it has been my fault, and I am sorry for it. I used the term Norwich variation in the very same way that we speak of Oxford and Kent variations, knowing quite well that the terminology was not exact, and if Mr. Willson prefers the term Norwich exten-

sion I have no objection whatever to altering. There is one other point in his letter. He says "that in the plain changes of Stedman he only alters a pair of bells each change." Now Stedman began 12345

21354

two pairs being changed, and so on throughout. Now, Sir, this is not a question of terminology but of facts, so please examine the following columns of figures:—

A	B	C	D	E	F
12345	12345	12345	12345	12345	12345
21435	21435	21435	21435	21435	21435
24153	24153	24153	12453	24153	12453
42513	21543	42513	14235	42135	14235
45231	12534	24531	41253	41253	41253
54321	21354	42351	42135	14235	42135
53412	12345	43215	24153	12453	24153
35142		34125	42513	21543	42513
31524		43152	24531	etc.	45231
13254		etc.	25413		54213
			etc.		52431
					25413
					24513
					42153
					etc.

Now A is a plain course of Original Doubles, and D is obtained from A by inserting four rows which are printed in large figures between 21435 and 24153; therefore D must be a plain course unless those four rows contain bobs; but they do not, because although 4 makes 3rds place she then goes down to lead, whereas she would return to the back if she had made a bob, but D is five slow sixes of Stedman, and this is therefore a plain course.

B is a touch of Reverse Original Doubles, having three bobs, and E is obtained from B by inserting four rows printed in large figures between 21435 and 12453. Now in E the three bobs which were in B have all disappeared, and we have in their place six bobs of original Doubles, and E is a three-part touch of Original Doubles, but E is three quick sixes, therefore a quick six contains two bobs.

C is a touch of Reverse Original Doubles, in which bobs and plains come alternately, and F is obtained from C in the same way as D is obtained from A and E from B, but C is a touch, therefore F is a touch containing ten bobs in pairs, and each pair produces the same effect as one bob, but F is the so called plain course of Stedman Doubles; therefore this is not a course but a touch containing ten bobs, and the real plain course is five slow sixes.

Finally I turn to Mr. Trollope, who says that I admitted that Stedman Triples is a principle. I admit that I did think at one time that it might be called a principle, but I am now quite convinced that it is not. It is simply a seven-part touch and Duffield Major is not a plain course either, but a touch of Double Original Major having four bobs in each six. Original is a principle, the Stedman slow six is a principle, Forward is principle, for not one of these when analysed can be shewn to contain bobs.

H. LAW JAMES.

In 1103 the compulsory curfew was abolished, but it lingered on as a custom almost everywhere, and it is really surprising to find in how many places it still exists, or at any rate was existing at some time during the latter half of the present century. In some counties, such as Cheshire and Oxfordshire, the number of curfew bells recorded as still or until lately existing is quite startling. In the Scottish Lowlands, again, it is far from uncommon, and a rather touching case is that of many American towns, especially in the New England States, which have retained it as a legacy from their pilgrim founders.

T. W.—Will you kindly send again?

BLACKPOOL.

RINGERS and their friends will find good accommodation at Mr. JOHN SMITH'S, 41, Hornby Road, Blackpool, (late of Rawten-stall). Near Central Station and Sea. Piano. "THE BELL NEWS" taken. Good half-pall neighbourhood.

Notices.

The charge or the insertion of notices in this page is one Penny per line (five words may be reckoned to a line). Repetitions at half that price. Notices should come to hand not later than Wednesday morning.

The Ancient Society of College Youths.—Established 1637.—Meeting for practice will be held at St. John's Hackney, on August 15th; St. Magnus, Lower Thames Street on the 17th, and 31st; St. Paul's Cathedral on the 8th; St. Giles, Cripplegate, on the 22nd. St. Magnus 7.30; the others 8 p.m.

WILLIAM T. COCKERILL, *Hon. Sec.*

32, Edgeley Road, Clapham, S.W.

The London County Association, late the St. James's Society.—Established 1824.—Members are requested to note that the Association meets for united practice at St. Clement Danes, Strand. A meeting is also held on the second Sunday in each month at 10 a.m.

T. H. TAFFENDER, *Hon. Sec. pro tem.*

35, Crawford Street, Denmark Hill, S.E.

The London County Association, late the St. James's Society.—Established 1824.—Northern District.—A meeting for united practice and social intercourse will be held at St. John of Jerusalem, South Hackney, on Saturday, August 19th. All members and friends cordially invited. Nearest stations Homerton (North London Railway, and Cambridge Heath (Great Eastern Railway). Bells available from 3.15 till 9 p.m. Short service at 5 p.m., which all are requested to attend. Tea will be provided at The Lord Stanley, Paragon Road, at 5.30, at 6d. per head, if all members and friends who intend to be present will notify me by the 15th inst.

WILLIAM J. KEMP, *Hon. Sec.*

177, Chatsworth Road, N.E.

The London County Association, late the St. James's Society.—Established 1824.—A special general meeting will be held on Monday, August 21st. The tower of St. Clement Danes open from 8 p.m. to 9.30 p.m. Business in the headquarters room at The Cheshire Cheese, Milford Lane, W.C., at 9.30 p.m. As many members as can make it convenient, are requested to attend.

T. H. TAFFENDER, *Hon. Gen. Sec. pro tem.*

35, Crawford Street, Denmark Hill, S.E.

St. Margaret's Society, Westminster.—All ringing at the above church suspended until September 1st.

JAMES E. DAVIS, *Hon. Sec.*

The Lancashire Association.—Manchester Branch.—The next meeting will be held at Worsley (by request), to-day, Sat., August 5th. A walk through the drives of Worsley Hall has been arranged. Bells ready at 2.30. Meeting at 7. W. H. SHUKER, *Br. Sec.*

The Ely Diocesan Association.—The postponed annual meeting of this Association will be held on Bank Holiday, Monday, August 7th, at The Lion hotel, Cambridge.

R. L. TWELLS, *General Secretary.*

Peterborough and District Association.—The annual meeting will be held at Peterborough on Monday, August 7th. Service in the Cathedral at 4 p.m., with address by the Very Rev. the Dean. The Cathedral (5), St. John's (8), and St. Mark's (6), available during the day. Meat tea, 9d. each, at the Fitzwilliam Cafe at 4.30.

J. JOTSON, *Sec. pro tem.*

The Winchester Diocesan Guild.—Port-

mouth District.—A quarterly meeting will be held at Portsea on Bank Holiday, August 7th. Bells of the parish church available from 2.30. Short service at 5.30. Tea at the Parish Institute at 6. Meeting after.

Fareham. J. W. WHITING, *Dis. Sec.*

Worcestershire and Districts Association.—Southern Branch.—The next quarterly meeting of this branch will be held at Little Comberton on Saturday, August 12th. Service, with an address by the Vicar, the Rev. W. D. Lowndes, at 5.30 p.m. By the kind invitation of the Vicar tea and a business meeting will take place at the rectory after service. Will all those intending to be present at tea, please notify me not later than August 7th. Bells (6) at 3 p.m.

J. HEMMING, *Hon. Br. Sec.*

10, Church Bank, Hampton, Evesham.

The Lancashire Association.—Liverpool Branch.—A meeting will be held at Hale on Saturday, August 12th. Bells ready at 4. Members intending being present please send word to

WALTER HUGHES, *Sec.*

3, Shrewsbury Place, Garston.

The Winchester Diocesan Guild.—Guildford District.—A quarterly meeting will be held at Witley on Saturday, August 12th. 2.30.—Bells available (8). 5.0.—Service: Preacher—The Vicar (Rev. E. J. Nevill). 5.45.—Tea in the Institute. Tea tickets 6d. each; visitors 1s. Please let me know by Wednesday, August 9th, how many will attend.

JOHN J. JONES, *Hon. Sec.*

North Street, Guildford.

The Lancashire Association.—Rochdale Branch.—The next meeting will be held at Hamer, Rochdale, on Saturday, August 12th. Bells ready at 4 o'clock. Meeting at 6 o'clock. Business important.

J. H. BASTOW, *Br. Sec.*

Society for the Archdeaconry of Stafford.—It is proposed to arrange a whole day's outing for Saturday, August 19th, starting by conveyance from Stourbridge, and to visit Oldswinford (8), Hagley (8), Clent (8), Kinver (6), Enville (8), Kingswinford (6), Wordsley (6), and Wollaston (6). Will those ringers who wish to join, send their names to me at once, so that the necessary arrangements may be made.

Rev. E. V. COX, *Hon. Sec.*

6, Upper Forster Street, Walsall.

St. Thomas's Church, Dudley.—The practice night at this church is discontinued until the end of September.

HERBERT SHEPPARD, *Hon. Sec.*

St. Luke's Church, Chelsea.—The usual practice at this will not take place until further notice.

J. PRYER, *Sec.*

Notice.—Any correspondence as regards ringing at St. Lawrence's church, Long Eaton, should be addressed to the Secretary—N. H. Widdowson, 13, Recreation Street, Long Eaton.

Mr. F. E. Dawe writes: "In answer to your query in last week's 'BELL NEWS,' I called a peal of 5040 at Peel, Isle of Man, twenty years ago. It was by a band from the mainland, all College Youths. The bells are a pretty ring of eight, tenor 10½ cwt. in G, by Warner. I believe the tower was since deemed unsafe."

W. H.—Send to the publishers.

TWO PEALS OF SUPERLATIVE SURPRISE MAJOR.

By GEO. CROSS, *Norwich.*

5056.

23456	B	M	W	H
45236		-	-	
24536		-	-	
52436		-	-	
64235	-	-	-	
26435		-	-	
42635		-	-	
66234	-	-	-	
25634		-	-	
25346	x	-	-	
32546		-	-	
53246		-	-	
62345	-	-	-	
34625		-	-	
63425		-	-	
46325		-	-	
53624	-	-	-	
62534		-	-	
43526	-	-	-	
54326		-	-	
35426		-	-	
42356	-	-	-	
34256		-	-	
23456		-	-	

The 6th the extent right.

5280.

23456	B	M	W	H
52436		-	-	
64235	-	-	-	
26435		-	-	
42635		-	-	
56234	-	-	-	
25634		-	-	
63254		-	-	
26354		-	-	
32654		-	-	
65234	-	-	-	
36524		-	-	
53624		-	-	
46325	-	-	-	
34625		-	-	
34256	x	-	-	
25346		-	-	
32546		-	-	
54326		-	-	
35426		-	-	
43526		-	-	
24536		-	-	
53246		-	-	
45236		-	-	
23456		-	-	

THOMAS DOBLE & SON, Church Bell Hangers,

11, CANON STREET,
TAUNTON, SOMERSET.

Bells hung with fittings of the most approved principle. Old Bells recast, new Bells supplied, Ropes of the best make. The Ellacombe Chime Hammers fixed. Towers inspected, and estimates furnished.

T. D. & Son are change-ringers, and having had many years' experience in Church Bell Hanging, with confidence solicits the patronage of the Clergy, Churchwardens, and ringers generally.

BELL LEGENDS.

There is a legend of the bells at Forrabury, near Boscastle. The Lord of ——— had presented the village with a peal of bells, which were brought by ship from London. The captain scoffed at the pilot for thanking God for a safe voyage; thanks were due to the good ship and her stout, well-seasoned mast. But when they had all but reached the land, a terrific storm arose; the ship was dashed to fragments on the rocks, the bells and every soul on board except the pilot, sank, and to this day when a storm is approaching, it is believed the Forrabury bells can be heard in warning from beneath the Atlantic waves.

In some villages in some parts of France the bells are rung to frighten

away the demons of the storm. The parish church of Orionhoc was struck by lightning whilst the sacristan's daughter, surrounded by a group of friends, was tolling a bell to frighten away the demons. All the young people were more or less injured, and one remained totally deaf. As the belfry of the church was the only edifice struck, and the victims would have thus enjoyed immunity everywhere else in the village, faith in the power of the bells ought to be shaken at Orionhoc.

The sound of bells was supposed to drive away evil spirits, warn off thunder, and calm storms and tempests. It is said there was a special endowment to Old St. Paul's for ringing the "hallowed belle in great

tempestes and lightnings," but Whitgift wrote they were they were then a sign of good, being rung to sermons and other godly actions.

When the priest came to the Sanctus in the mass the bell was tolled, so that those at home as well as those in the church could join the song of adoration. It was usually hung in the bell-cote on the gable of the chancel-roof, but at Boston in the gable of the naver. The dinner-bell at The Red Lion hotel, Boston, is said to have been the Sanctus bell of Butterwick church.

The Sacring bell was a small handbell, used in the elevation of the host in the Eucharist. Amongst the plate which was sold by the Boston Corporation in the reign of Edward VI., was a "sylver belle," weighing 18 ozs. doubtless a sacring bell.

Handbells were used on Rogation Days in processions when the bounds of the parish were beat or viewed, when the host was carried to the sick, and a variety of other purposes in the mediæval church. At the obit or year-mind, the anniversary of the death of William Reede, merchant, of Boston, the bellman and sacristan of the Guild were to receive fourpence for proclaiming: "Ye shall pray for the souls of William Reede, of Boston, and Alice, Margaret, and Annie, that were his wives, and brothers and sisters in Corpus Christi Guild."

The General Steam Navigation Company are affording every facility to holiday-makers for reaching the various popular resorts on the East Coast. The fast new saloon steamer Golden Eagle leaves Fresh Wharf daily at 8.40 a.m. (Sundays 9.10) for Southend, Margate, and Ramsgate, whilst a special train from Fenchurch-street at 9.12 (Sundays 10.15) enables passengers to join the boat at Tilbury. The popular "Husband's Boat" on Saturday afternoons may be reached by train from St. Pancras at 2.12 p.m., and Fenchurch-street 2.40, whilst an early trip is provided for Saturdays by trains leaving the above stations at 7.45 and 8.28 a.m. respectively. On Mondays and Thursdays the new turbine steamer Kingfisher makes trips from Tilbury to Boulogne and back, passengers leaving St. Pancras at 6.50 a.m., and Fenchurch-street 7.32 a.m. Full particulars of the above trips, as well as the Company's Continental sailings, may be obtained from the offices, 15, Trinity-square, E.C.

"Change-Ringing:"

An Introduction to the Early Stages of the Art of

CHURCH OR HANDBELL RINGING

For the use of Beginners, by

CHARLES A. W. TROYTE.

[Fourth Edition.]

Complete edition, cloth, 2s. 6d. Small edition (up to and including 6-bell ringing), paper, 1s.

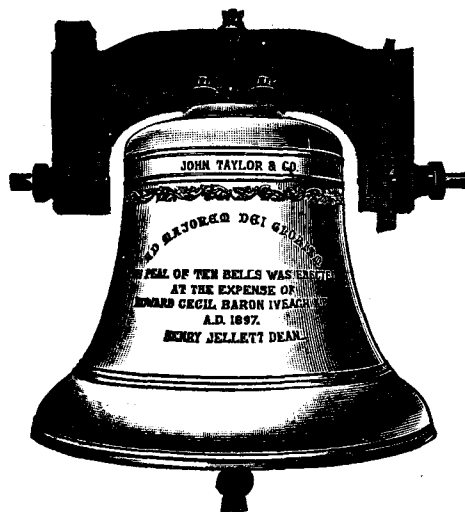
ELAND BROTHERS, High Street, Exeter;
WELLS, GARDNER, DARTON AND CO.,

JOHN TAYLOR & CO., Bell Founders & Bell Hangers, LOUGHBOROUGH, Leicestershire.

FOUNDERS of the Ring of Bells for ST. PAUL'S CATHEDRAL
the Heaviest Peal of 12 Ringing Bells in the World

"This is unquestionably the grandest ringing peal in England, and therefore in the world." The late Lord Grimthorpe, K.C.—*Times*, Nov. 20, 1878.

FOUNDERS OF "GREAT PAUL."



The Tenor Bell, St. Patrick's Cathedral, Dublin.

Also Founders of the peals of Bells at the Cathedrals of Worcester, Newcastle-on-Tyne, Edinburgh (St. Mary's), Dublin (St. Patrick's), Christ Church, N.Z. Singapore.

Also "Great John" and the ring of Ten at Beverley Minster; and the ring of Ten at the Imperial Institute.

Also the bells of Dundalk R.C. Cathedral, and "Great Bede" of Downside Abbey, Also for the town halls of Manchester, Preston, Bradford, Halifax, Rochdale, Wakefield, Middlesbrough, Kendal, and Londonderry; and the Sydney and Adelaide Post Offices in Australia.

Also the chime of bells at Ames College, Iowa, U.S.A.
And the recent "Grandison," of Exeter Cathedral.

CHURCH CLOCKS. TURRET CLOCKS. TOWN CLOCKS.

JOHN SMITH AND SONS,

Of the Midland Steam Clock Works, Derby

Are Clock Makers of the highest repute.

MAKERS OF

The great Clock of St. Paul's Cathedral.

The Clock at Beverley Minster, striking the
hours on a seven-ton bell.

And many others all over the empire, as the pages of this journal
frequently testify.

H. B. SALE
Limited.

BRONZE FOUNDERS

MEMORIALS, PLATES, ETC. IN CAST BRONZE " COPPER " LEAD	PEAL TABLETS. MEMORIAL " FOUNDATION " RESTORATION," ETC. HERALDIC WORK IN CARVED, REPOUSSE AND ENAMEL.
---	---

ENGRAVED OR
RELIEF LETTERS.

DESIGNS & ESTIMATES
SUBMITTED.

**CONSTITUTION HILL,
BIRMINGHAM.**

TELEGRAMS: "H.B.S."
PHONE: 361 and 362, CENTRAL.

HENRY BOND,

(Established Half-a-Century.)

Bell Founder

AND

CHURCH BELL HANGER

BURFORD, OXON.

JOHN SULLY,

Church Bell Hanger

Zinoh, Stogumber, Somerset.

Rings of Bells to any number hung on the most approved principles. Old Bells re-cast. New Bells supplied.

J. S., having had considerable experience in Church Bell hanging, with confidence solicits the patronage of the clergy, churchwardens and ringers generally.

THE ELLACOMBE CHIME HAMMERS FIXED BELL ROPES SUPPLIED.

ALFRED BOWELL,

CHURCH BELL FOUNDER

IPSWICH.

TO RINGERS AND OTHERS.

JOHN W. STEDDY,

High Street,

EDENBRIDGE, KENT.

Member of the Kent, Surrey, Sussex, London County, Middlesex, and College Youth Societies:

J. W. S. is open to supply ringers on best terms, with all goods in outfitting, boots, &c. Practical Tailoring. A large stock of gentlemen's Shirts, Vests, Hosiery, Collars, Ties, Boots, Shoes, &c. All goods value for money. Carriage paid.

TENOR BELL
ST. GILES', Cripplegate.

This Peal of TWELVE BELLS is now Ringing in
"WARNER'S INDEPENDENT" IRON AND STEEL GIRDER
FRAMEWORK.

WEIGHT OF
TENOR
36½ CWT.



WEIGHT OF
PEAL
7 TONS,
17½ CWT.
13 LBS.

JOHN WARNER & SONS, Ltd.
Bell Founders to H.M. The King,
CRESCENT FOUNDRY, SPELMAN ST.,
LONDON, N.E.

HIGH-CLASS, NORTHAMPTON BOOTS TO MEASURE AT FIRST COST.

SAVING RETAILER'S PROFIT OF 33 PER CENT.
LADIES' & GENTS', 10s. 6d., 12s. 6d., 15s. 6d., CHILDREN'S from 6s.
Every Pair absolutely guaranteed to wear.
Correct Designs. Faultless Models. Latest Leathers.
WALKING AND DRESS BOOTS AND SHOES,
SPORTING, FIELD, HUNTING AND DRIVING BOOTS.
PUTTIE LEGGINGS IN ALL LEATHERS.

Send for Catalogue and Self-measurement Forms free.

The BOOT MANUFACTURING DIRECT SUPPLY ASSOCIATION
NORTHAMPTON.



HANDBELL MUSIC.

The following pieces are arranged as per list 4 in W. G.'s Catalogue, viz., four octaves in the chromatic scale G, 25 to G 04. 8 ringers.

No. 2. Selection "Don Giovanni" .. 3s. 0d.
 No. 31. Bine Bells of Scotland (3 variations) .. 2s. 0d.
 No. 89. Grand Selection "Der Frieschütz" .. 4s. 0d.
 No. 136. The Bine Danube Waltz .. 3s. 6d.
 No. 163. Chorus from Martha .. 2s. 6d.

Also the following can be had arranged as above, or for larger peals and No. of ringers: terms on application. Andante, Haydn's Surprise Symphony, Last Rose of Summer (three variations and finale), Old Folks at Home, variations and finale, Vesper Hymn, variations and finale, Woodstock March.

The following are for 6 ringers, 12 bells, thus—

- | | |
|--|---------|
| No. 261. The Swiss Toy Girl .. | 1s. 6d. |
| No. 262. Lammas Day (Welsh Air) .. | 1s. 0d. |
| No. 263. Captain Morgan's March .. | 1s. 0d. |
| No. 264. Norah, the Pride of Kildare and the Hazel Dell .. | 1s. 6d. |
| No. 309. The Angel's Whisper and the Maid of Llangollen .. | 1s. 6d. |
| No. 320. The Mountaineers' Waltz .. | 1s. 6d. |
| No. 321. The Rose of Allandale March .. | 1s. 6d. |
| No. 322. The Pilgrim of Love Galop .. | 1s. 6d. |
| No. 282 O come all ye faithful, and Lo! He comes .. | 1s. 6d. |
| No. 308 Italian and German Airs (lively) .. | 1s. 6d. |
| No. 114 In my cottage near a wood, varied .. | 1s. 0d. |

OVER 300 PIECES IN STOCK.

SEND STAMP FOR CATALOGUE.

WILLIAM GORDON,

44, Celtic Street, Webb Lane, Stockport.

Harry Stokes & Son, CHURCH BELL HANGERS, WOODBURY (R.S.O.), DEVON.

HARRY STOKES & SON having had a considerable number of years' experience in Church Bell Hanging, with confidence solicits the patronage of the Clergy, Churchwardens, and Ringers generally. *The Ellacombe Chiming Hammers fixed.*

BELL-ROPES. BELL-ROPES.

Before sending for Bell-ropes, write to

DAY & CO.,
CHURCH BELL-ROPE MAKERS,
11, MARKET STREET, OXFORD,
Who manufacture Bell-Ropes of the very best quality.

GOLD MEDAL. EXHIBITION 1851

The late Rev. H. T. ELLACOMBE, in writing to a distinguished ringer, said—"The best maker of bell-ropes is Day, of Oxford."

MEARS & STAINBANK, WHITECHAPEL BELL FOUNDRY.

BELFRIES AND CLOCK TOWERS INSPECTED.

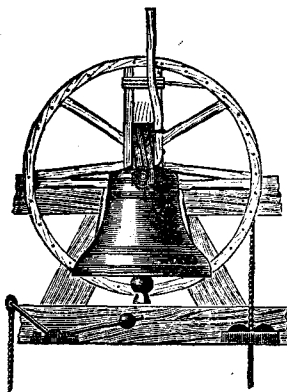
Church Bells ERECTED COMPLETE IN IRON, STEEL, OR OAK FRAMES.

Old Bells Tuned or Re-cast.

Peals re-fitted and Rehung.

SCHOOL BELLS. MUSICAL HAND-BELLS.

FOUNDRY—ESTABLISHED A.D. 1570.—
32, & 34, WHITECHAPEL ROAD, LONDON, E.



JAS. BARWELL,

Bell Founder,

40, Gt. Hampton St., Birmingham

CHURCH BELLS, with all requisite Fittings and Framework singly or in Peals. CLOCK and CHIME BELLS to any size and note.

SCHOOL BELLS with ringing arrangements, suitable for any position.

Existing Peals economically and efficiently restored.

CRACKED BELLS recast, and ANCIENT INSCRIPTIONS reproduced in fac-simile when required.

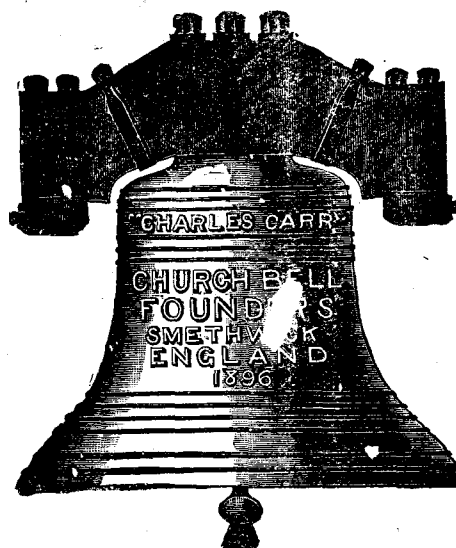
Men who are ringers sent to inspect Towers and report upon the tune and condition of Bells and Fittings.

MUSICAL HANDBELLS tuned in Diatonic and Chromatic Scales in sets of any numbers.

PATENTEES AND
CONTRACTORS TO



H.M. ROYAL ORDNANCE
STORES, FOR BELLS



CHARLES CARR, Ltd.,

**BELL FOUNDERS,
SMETHWICK, BIRMINGHAM**

*Gold Medallists and
Founders of Maiden
Peals.*

Recasting, Rehanging, Repairs

All Kinds of Work Undertaken

Send for CATALOGUE and TESTIMONIALS Post Free.