

THE BELL NEWS

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No. 245. [NEW SERIES.]—VOL. V.

SATURDAY, DECEMBER 4, 1886.

[ONE PENNY.]

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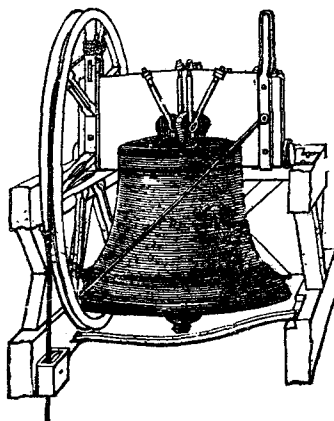
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With regard to the alternative extra three calls A and B, either of which sets when inserted in each part, converts the touch into a peal, not much need be said. Either of them may be used, but not both. Whichever is employed in one part must also be employed in all the other parts. Perhaps the alternative B is the best, as the observation-bell is not concerned with the singles, and also because the singles are nearer the end of the part. In this case the last few calls of the first part will be:—

6 5 4 3 2 7
S 4 5 6 3 2 7
7 3 4 2 5 6
6 2 7 5 3 4
S 5 4 6 3 2 7
2 7 5 6 3 4

The whole peal or touch is capable of three variations in the calling. This may be commenced as after the bob-lead 264735 and round to the same place again, and then both this form and the original one may be reversed, *i.e.*, the whole may be called backwards in the same way as the last half of Holt's ten-part is the reverse of the first. These variations are produced by the forms of Table VIII., enumerated immediately beneath the figures of the peal.

As to the calling, little can be said. Perhaps the best way to call it is by the work of the second. This bell is never called Before except at the shunting-bob and between the singles. At the fifth bob it comes into the hunt, this being a lead of the reverse course. After one call in the Middle it comes in again for five leads. On the next occasion when it enters the hunt, it occupies that position for four leads only, the omitted lead-end coming at the handstroke between the Singles in one of the other parts. It does not re-enter the hunt until the part-end, which is a lead of the plain course. The occasions on which the observation-bell enters the hunt form natural division lines for the conductor in learning the lesson. It might be feasible to call by the bells Before, but the rules for this would, as may easily be seen, have to be so complicated as to be more burdensome than profitable. Practice will soon enable the conductor to ring any bell while calling by the work of another.

FIVE-PART PEALS.

No. 2.	No. 3.
4830.	4830.
7 5 2 6 3 4	7 5 2 6 3 4
6 5 7 4 2 3	3 4 7 2 6 5
3 4 6 2 5 7	5 2 3 6 4 7
4 6 3 2 5 7	3 4 5 2 7 6
2 6 4 7 3 5	7 6 3 5 2 4
5 7 2 3 6 4	6 3 7 5 2 4
6 4 5 2 3 7	3 7 6 5 2 4
5 3 6 4 7 2	2 4 3 6 5 7
3 6 5 4 7 2	7 6 2 5 4 3
2 4 3 7 6 5	5 6 7 3 2 4
4 3 2 7 6 5	4 3 5 2 6 7
5 7 4 6 3 2	3 5 4 2 6 7
7 4 5 6 3 2	7 2 3 6 5 4
2 6 7 3 4 5	5 4 7 3 6 2
4 5 2 7 3 6	6 2 5 7 3 4
6 7 4 3 5 2	4 7 6 3 2 5
4 5 6 7 2 3	3 7 4 5 6 2
2 3 4 6 7 5	2 5 3 6 7 4
4 7 2 3 5 6	5 3 2 6 7 4
5 6 4 2 3 7	4 6 5 7 3 2
3 7 5 4 2 6	3 2 4 5 7 6
6 4 3 2 7 5	2 4 3 5 7 6
4 3 6 2 7 5	5 4 2 6 3 7
7 5 4 6 2 3	7 6 5 3 4 2
4 2 7 5 3 6	4 2 7 5 3 6
6 5 4 3 2 7	7 3 4 2 6 5
5 4 6 3 2 7	5 2 7 6 3 4
2 7 5 6 3 4	2 7 5 6 3 4
Produced by	Produced by
4. 3. 4	1 3. 2. 4
Variations	Variations
1 3. 3. 4	4. 2. 2
4. 4. 2	4. 3. 3
1 3. 4. 2	1 3. 4. 3

These two peals are very similar to that which was first given. They differ from it mainly in the fact that they have a greater number of calls; and they differ from each other in the fact that in peal No. 3, the observation-bell is called six times Before, and once either at or between the Singles, making seven times in all; whereas in peal No. 2

it is called before only twice, *viz.*, once at the shunting-bob and once either at or between the Singles. In peal No. 2 it will be noticed that the observation-bell comes five times into the hunt in each part. In peal No. 3 it is called four times into that position. The shunting-bob in peal No. 2 instead of being called as here given, may be inserted after the bob-lead 674352; and in peal No. 3 it may be caused to come after 763524. The three rows inserted between the Singles in peals 1 and 2 are the same, but those in 3 are different ones. With regard to the calling of these peals, the remarks made above on peal 1 may be applied by analogy to them also. As the late Mr. Snowden observed, these peals are the only ones yet composed on this plan, which is therefore new.

Turning now to ten-part peals on the plan of Holt's ten-part, we find that five and only five are producible. By "the plan of Holt's ten-part" is meant the following arrangement:—a series of bobs four times repeated having the leads of the plain course for part-ends, each part consisting of 504 changes, with a "Holt's Single" at the end of the fifth part; then another series of bobs four times repeated having the leads of the reverse course for part-ends, each part consisting of 504 changes, with another "Holt's Single" at the end.

The first of the five peals is Holt's ten-part itself, which being so well-known need not be further mentioned. The first half is produced by 13.1.1, and the second half by 4.1.1. It is noteworthy that Holt's Ten-part contains fewer calls than any of the other peals on the same plan.

The following is the first of the writer's Ten-part peals.

1.	5040.
2 3 4 5 6 7	2 3 5 4 7 6
7 5 2 6 3 4	6 4 2 7 3 5
6 5 7 4 2 3	7 4 6 5 2 3
4 5 6 3 7 2	3 5 7 2 4 6
2 3 4 7 5 6	7 4 3 5 6 2
7 3 2 6 4 5	5 4 7 2 3 6
3 2 7 6 4 5	6 2 5 3 4 7
5 6 3 4 2 7	2 5 6 3 4 7
4 6 5 7 3 2	3 5 2 7 6 4
5 3 4 6 2 7	4 7 3 6 5 2
7 6 5 2 3 4	6 7 4 2 3 5
2 6 7 4 5 3	2 7 6 5 4 3
Produced by	Produced by
1. 4. 4	1. 3. 2

The first and sixth parts, each of them to be four times repeated, are here given. It will be noted that there are eleven bobs in each part, the observation bell being called before (the shunting bob at the sixth, that is the middle call in all ten-parts. The conductor will find it comparatively easy to call from any bell. He may take his observations either by the work of the second, or by the bells before. Taking the former of these methods, *i.e.*, the work of the observation bell, the following will be found in all probability the simplest way of learning it:—call the observation bell "out" followed by two bobs at five, and then a bob the following lead, which brings the second "in" again. Then call her "out" at five, and before with a bob the following lead. (When a bob immediately succeeds another, as for instance here, the second bob is usually denoted by the phrase "with a double"). Then a bob at five, one the "wrong" (which is easily known by occurring the lead after the observation bell makes thirds) with a double, and one at five, bringing up a lead of the plain course. Bobs "at five" leads are easily called by simply calling the same bell before that was in this position at the last bob. Accordingly when a bob "at five" is coming, the conductor should carefully note the bell going down before the treble when he is just about to call the bob preceding the bob at five. The whole work of the observation bell in this peal may be very simply summed up as follows:—

First half:—Out and two at five with a double. Out at five, before with a double, and one at five. Wrong with a double and one at five (the last bringing up the plain course).

Second half:—Out and one at five, with a double. Right and one at five with a double. In, out at five with a double and two at five (the last bringing up the reverse course).

The "Right" is simply known by its occurring two leads after the second makes thirds, and the "in" may be called by calling the bell "before that came 'out' at the previous bob.

If the conductor prefers to call by the bells before, taking only occasional note of the second, the following seems to be the simplest way of committing the peal to the memory. Besides the observation bell there are only three others called before in each part. Call the first of these A, the next B, and the last C. Then for the first half-peal the rule will be:

Three times A with a double (which brings B). B again and 2nd with a double (which brings C). Then C again, followed by B once and C twice.

For the second half-peal the rule will be :

Twice A with a double (which brings B). Twice A again with a double (which brings 2), Twice B with a double (which brings C), and C twice more.

In this and the two next following peals the calling of the two halves may be reversed, that is to say, the bobs of the first half may be arranged as are those in the second half, those in the last half being of course at the same time called on the plan of the first half. By omitting the shunting bob the bells run home at 504.

The next peal to which we come, contains fifteen bobs in each part, or one hundred and fifty calls in the whole peal. As in the case of the last, the first and sixth parts are given, each of them to be four times repeated.

II. 5040.

2 3 4 5 6 7

7 5 2 6 3 4
6 5 7 4 2 3
4 5 6 3 7 2
2 3 4 7 5 6
5 6 2 4 7 3
3 4 5 7 6 2
5 6 3 4 2 7
2 7 5 3 4 6
5 4 2 7 6 3
6 3 5 2 7 4
7 4 6 5 2 3
3 5 7 2 4 6
7 4 3 5 6 2
3 6 7 4 2 5
2 5 3 7 4 6

Produced by 4. 4. 4.

2 3 5 4 7 6

6 4 2 7 3 5
3 5 6 2 7 4
6 7 3 5 4 2
3 4 6 7 2 5
5 7 3 2 4 6
4 6 5 3 2 7
2 7 4 5 3 6
4 3 2 7 6 5
6 5 4 2 7 3
4 7 6 5 3 2
2 5 4 3 7 6
7 6 2 4 3 5
5 4 7 3 6 2
3 4 5 2 7 6
2 4 3 6 5 7

Produced by 13. 3. 2.

Having entered more fully into the composition and calling of the last peal, I shall leave the conductor to form his own rules for learning this peal. One or two points may however be noted. The observation-bell does not continue in the hunt for five leads, her work in that position being divided into two parts, one of two and the other of three leads. In the first half-peal she comes in first for two leads and afterwards for three, this arrangement being reversed in the second half-peal. On the whole I am rather inclined for some reasons to prefer this peal to any other in ten parts. The observation-bell is never called before throughout the peal, which possesses also the valuable qualification that the part-ends of the first half-peal are the leads of the plain course in their natural order. By this means any number of the five-parts may be called or omitted, the truth of the whole touch being retained.

The third peal in this series is presented in two forms.

III. (a).

5040.

2 3 4 5 6 7 2 3 5 4 7 6
7 5 2 6 3 4 6 4 2 7 3 5
3 4 7 2 6 5 4 2 6 7 3 5
5 2 3 6 4 7 5 7 4 3 2 6
3 4 5 2 7 6 3 7 5 6 4 2
6 2 3 7 4 5 2 6 3 4 7 5
4 5 6 3 7 2 4 6 2 5 3 7
7 2 4 6 3 5 6 2 4 5 3 7
5 6 7 3 2 4 4 3 6 2 7 5
7 2 5 6 4 3 5 2 4 7 3 6
2 5 7 6 4 3 3 6 5 4 7 2
6 5 2 3 7 4 7 2 3 5 4 6
4 3 6 7 5 2 6 5 7 4 2 3
7 3 4 2 6 5 7 2 6 5 3 4
5 2 7 6 3 4 4 5 7 3 2 6
2 7 5 6 3 4 2 6 4 7 3 5
Produced Produced
by 13. 2. 3. by 4. 2. 3.

The last form of the peal is produced by the same arrangements of Table VI. as those producing the first form, differing as the one form does from the other, merely by the insertion of the shunting bob. The latter is inserted in the form (b) of the peal, and renders it interesting by the fact that there is then a bob every time the observation-bell comes before throughout the peal. This extends the number of calls to one hundred and sixty, but the addition to the number is more than compensated by the simplicity of the arrangement, the conductor knowing that there must be a bob each time the second comes before. In this peal the observation bell, except at the part-ends, is always five leads in the hunt at a time.

The fourth and last peal of this series is interesting chiefly on account of the different variations of which it is capable.

IV. 5040.

2 3 4 5 6 7

7 5 2 6 3 4
2 3 7 5 4 6
5 3 2 6 7 4
3 2 5 6 7 4
5 7 3 2 4 6
3 4 5 7 6 2
7 4 3 2 5 6
6 2 7 5 4 3
4 3 6 7 5 2
6 5 4 3 2 7
5 4 6 3 2 7
2 7 5 6 3 4
Produced by
6. 3. 3
Reverse
11. 4. 3

2 3 5 4 7 6

6 4 2 7 3 5
2 3 6 4 5 7
7 4 2 5 3 6
3 6 7 2 5 4
5 4 3 7 2 6
6 7 5 2 4 3
7 5 6 2 4 3
3 2 7 4 5 6
5 6 3 7 4 2
4 2 5 3 7 6
6 3 4 7 2 5
7 3 6 5 4 2
2 5 7 4 3 6
5 7 2 4 3 6
6 4 5 3 7 2
7 2 6 5 3 4
4 5 7 3 2 6
2 6 4 7 3 5
Produced by
7. 2. 4
Reverse
11. 2. 2

This peal is capable of three variations. First variation—reverse the two halves of the peal, that is call the first half-peal with eighteen bobs in each part, and the last half-peal with twelve bobs in each part. Second variation—taking the parts as given above, reverse the calling in the following manner, viz., call a bob at 1, then begin from the bottom of the twelve-bob part, and call bobs at 2, 4, 3, 2, etc., doing the same with the eighteen-bob part for the second half-peal. Third variation—call the second half-peal of the last variation first, followed by the first half-peal of the same. This peal contains the same number of calls as the two preceding ones, viz., one hundred and fifty.

This completes the list of regular ten-part peals. In concluding this part of the subject it may be remarked that there are four other forms of Table VI. producing a succession of 36 rows, but these will not combine among themselves or with any others to form a whole peal. They are produced as follows:—(1) 8-3-4. (2) 5-2-2. (3) 3-2-4. (4) 15-4-2.

The foregoing ten-part peals consist of parts of equal length, each part containing 36 leads or 504 changes. But other peals might be composed with the same part-ends and singles, but the five-parts of the one half shorter or longer than those of the other half. For instance, the first five parts might consist of 35 leads each. Then the last five parts would have to contain 37 leads each. Or again the first five parts may have 38 leads each, while those in the last five are 34 in number, the only condition being that the number of leads in one of the first five parts together with those in one of the last five shall amount to 72. In this way we may continually shorten the number of leads in one set of parts, at the same time, increasing the number in the other. We may do so until a certain limit is reached, that limit being, for the short parts seven leads in each part, and for the long parts sixty-five leads. The chief advantage accruing from the use of such peals is that the first single may be accelerated or delayed. If the first short parts be called first the first single can occur as early in the peal as the 490th change, or by calling five long parts first it may be delayed till the 4550th change. It may in fact be made to come during either the first or the last quarter of an hour. Experience will most probably have taught the conductor that the former of these alternatives is of immense advantage. Two examples of these peals are appended—the only two that are producible.

5040.

(I and II.)

5040.

(I) 2 3 5 4 7 6

6 4 2 7 3 5
2 3 6 4 5 7
7 4 2 5 3 6
5 4 7 6 2 3
2 3 5 7 6 4
6 4 2 5 7 3
3 5 6 7 4 2
5 6 3 7 4 2
2 7 5 4 6 3
4 7 2 3 5 6
6 3 4 5 7 2
4 7 6 3 2 5

2 3 4 5 6 7

7 5 2 6 3 4
3 4 7 2 6 5
6 5 3 7 2 4
2 4 6 3 7 5

(II) 2 3 5 4 7 6

6 4 2 7 3 5
3 5 6 2 7 4
2 5 3 4 6 7
4 5 2 7 3 6
6 7 4 3 5 2
7 4 6 3 5 2
6 5 7 4 2 3
4 5 6 3 7 2
5 6 4 3 7 2
2 3 5 7 6 4
6 4 2 5 7 3
7 3 6 2 5 4

I.—Continued.

5 3 4 2 7 6
3 4 5 2 7 6
7 6 3 5 2 4
4 5 7 2 6 3
6 3 4 7 2 5
5 7 6 2 3 4
7 6 5 2 3 4
5 3 7 6 4 2
7 4 5 3 2 6
3 4 7 6 5 2
4 7 3 6 5 2
2 6 4 5 7 3
7 3 2 4 5 6
2 5 7 3 6 4
Produced by
7. 3. 4
Reverse
7. 4. 2

II.—Continued.

6 5 7 3 4 2
2 3 6 4 5 7
5 7 2 6 4 3
3 6 5 4 7 2
4 6 3 2 5 7
5 7 4 3 2 6
6 3 5 2 7 4
7 4 6 5 2 3
4 6 7 5 2 3
3 5 4 2 6 7
6 7 3 4 2 5
2 5 6 3 4 7
7 3 2 4 5 6
2 5 7 3 6 4
Produced by
15. 1. 2
Reverse
8. 1. 4.

The five short parts in these two peals are identical, and are therefore printed between the two as being common to both. They are on a very simple plan. The second is called out of the hunt at the first lead, and then there is a bob every second lead till she comes "in" again. It will be seen that the observation bell is never called Before in either of the peals. They both contain one hundred and fifty calls. The calling of the long parts may be reversed. This property, together with the alternative of calling the long parts first, gives four possible variations of each of them. The parts in these peals contain more bobs than do those in the previous peals. But this does not really entail any greater strain upon the conductor, as he has but one series of bobs to learn instead of two as before. If the conductor wishes to ring a non-observation bell he will find it by far the simplest plan to make his calls by watching the work of the second, as the plan of the bells Before would be intricate and troublesome to commit to memory.

It now remains to bring this article to a conclusion with one or two general remarks.

In working out the 256 possible forms of Table VI., some will be found to produce compositions identical with those produced by other forms of the Table. This may be very simply explained. For example, the short parts in the two peals last given need only three strips for their production. These strips are B 1, A 3, B 7. Any form therefore, and there are very many, of the whole Table, containing these three strips will merely produce the short series of four bobs in question. In going through the Table the investigator should accordingly take note each time of the strips that are employed, so that when in future he comes across another form of the whole Table containing such strips he may be saved the trouble of going over ground which he has practically trodden before.

A noteworthy feature of every composition produced on the system I have endeavoured to explain is that *it must be true*. No proof whatever is needed. Table VI. is constructed upon grounds which render it impossible for any row to be produced more than once. There can therefore be no repetition of changes.

In these days when full light has been shed upon the nature of varying touches and peals, and when the rights of a composer to the claims of any given composition have been so clearly defined, it need scarcely be said that everything capable of being produced by Table VI. must be deemed to have been composed by myself.

My aim throughout this article having been simply an endeavour to explain and logically justify my previously published conclusions, I have avoided the mention of many minor points discovered in the course of the investigation. Some of these are interesting in their way, but would not have served to promote the present argument.

In the "BELL NEWS" of October 24th, 1885, I intimated that I had attempted the investigation of Union Triples on the same lines as I had followed in the case of Grandsire. In the Grandsire method five rows connect themselves together, but in Union the number is only three. This fact, together with the additional one that the number of rows in Union, instead of, as in Grandsire, being reducible to 50 are reducible only to 60, renders the whole matter very lengthy and tedious. But perhaps some one with more leisure on his hands than I have, may be induced to take up the subject, or to apply this treatment to other methods. May such an one forward our science. Much yet remains to be done.

THE ROYAL HANDBELL RINGERS AND GLEE SINGERS (Conductor, Mr. Duncan S. Miller), with their carillon of 131 bells, from 11½ pounds to 3½ ounces, (honoured on thirteen occasions by Royal and Imperial command), will visit Lammas Hall, Bridge Road West, Old Battersea, on Monday, December 6th. Doors open at 7.30., commence at 8. Reserved seats, 2s.; Body of hall, 1s.; Gallery, 6d. The proceeds will be devoted towards the expenses of St. Mary's belfry, Old Battersea, Surrey, and tickets can be obtained from the members and

HENRY S. THOMAS, Hon. Sec. and Treasurer.

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THE SUSSEX COUNTY ASSOCIATION.

Records of 720s rung by the Steyning Branch of the above Association from April 11th to October 31st.—April 11th, Canterbury Pleasure (twenty-two singlea), C. Tyler, conductor; 18th, Plain Bob (eighteen bobs and two singles), C. Tyler, conductor; 20th, Plain Bob (eighteen bobs and two singles), C. Tyler, conductor; 25th, Plain Bob (eighteen bobs and two singles), and Oxford Single Bob (forty bobs and two singles), G. Gatland, conductor. May 9th, Canterbury Pleasure (twenty-six singles), C. Tyler, conductor; 13th, at Henfield, Canterbury Pleasure (twenty-six singles), C. Tyler, conductor, and Oxford Single Bob (forty bobs and two singles), G. Gatland, conductor; 16th, Plain Bob (eighteen bobs and two singles), C. Tyler, conductor; 23rd, Oxford Single Bob (forty bobs and two singles), C. Tyler, conductor. June 8th, Canterbury Pleasure (twenty-six singles), C. Tyler, conductor; 22nd, Oxford Single Bob (forty bobs and two singles), C. Tyler, conductor. July 6th, Canterbury Pleasure (eighteen bobs and two singles), C. Tyler, conductor; 18th, Oxford Single Bob (forty bobs and two singles), C. Tyler, conductor; 25th, Canterbury Pleasure (eighteen bobs and two singles), C. Tyler, conductor. August 1st, Oxford Single Bob (eighteen bobs and two singles), J. Searle, conductor, and Oxford Single Bob (forty bobs and two singles), C. Tyler, conductor; 29th, Plain Bob (eighteen bobs and two singles), C. Tyler, conductor. September 5th, Oxford Single Bob (nine bobs and six singles), C. Tyler, conductor; 12th, Oxford Single Bob (forty bobs and two singles), G. Gatland, conductor; 19th, Oxford Single Bob (nine bobs and six singles), C. Tyler, conductor. October 3rd, Canterbury Pleasure (eighteen bobs and two singles), and College Single (twenty-six singles), C. Tyler, conductor; 10th, Oxford Single Bob (forty bobs and two singles), and College Single (twenty-six singles), C. Tyler, conductor; Plain Bob (thirty-two bobs and two singles), and Oxford Single Bob (twenty-six singles), C. Tyler, conductor; 17th, Oxford Single Bob (twenty-six singles), Canterbury Pleasure (eighteen bobs and two singles), Plain Bob (eighteen bobs and two singles), and College Single (twenty-six singles), C. Tyler, conductor; 24th, Oxford Single Bob (forty bobs and two singles), G. Gatland, conductor; 31st, College Single (twenty-six singles), C. Tyler, conductor.

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Everything for insertion in this Journal to be addressed "The Editor of THE BELL NEWS, Walthamstow, London." Letters forwarded for publication, and performances under 5000 changes must reach us not later than Wednesday morning; and the insertion of any communication coming later than the first Postal delivery on Thursday morning cannot be guaranteed in that week's number. When it is found impossible from want of space to insert all touches forwarded, the earlier ones will have the preference.

All communications respecting advertisements must be addressed to the office of "THE BELL NEWS," Walthamstow, London.

F. W. THORNTON.—The contents of your letter have a purely local bearing; and its publication may lead to unprofitable discussion.

The Bell News & Ringers' Record.

SATURDAY, DECEMBER 4, 1886.

The Metropolis.

CHELSEA, MIDDLESEX.

THE SOCIETY OF ROYAL CUMBERLAND YOUTHS.

On Saturday, November 27, 1886, in Three Hours and Forty Minutes,

AT THE CHURCH OF ST. LUKE,

A PEAL OF GRANDSIRE CATERS, 5039 CHANGES;

Tenor 24 cwt. in D.

WILLIAM G. WILD* Treble.	WILLIAM BARON 6.
WILLIAM LALLY 2.	ALBERT E. CHURCH 7.
JOHN W. MANSFIELD 3.	HENRY SWAIN 8.
WILLIAM COPPAGE 4.	JOHN ROGERS 9.
HENRY J. DAVIES 5.	JOSEPH BARRY Tenor.

Composed and conducted by JOHN ROGERS.

*First peal. The above peal (which is now rung for the first time), contains fifty-five courses in five parts, and has an exactly equal number of courses and leads in each part, and is supposed to be the only peal of Caters in the method rung that has those qualities.

THE ST. JAMES'S SOCIETY, LONDON.

Birthday Peal.

On Monday, November 29, 1886, in Three Hours and Eighteen Minutes,

AT THE CHURCH OF ST. CLEMENT DANES.

A PEAL OF GRANDSIRE CATERS, 5039 CHANGES;

Tenor 24 cwt.

JAMES R. HAWORTH Treble.	*WILLIAM W. THORNE 6.
RICHARD FRENCH 2.	GEORGE R. BANKS 7.
JOHN C. MITCHELL* 3.	WILLIAM WEATHERSTONE 8.
JOHN M. HAYES 4.	WILLIAM H. GEORGE 9.
HENRY LANGDON 5.	EDWARD ALBONE Tenor.

Composed by JOHN ROGERS and conducted by RICHARD FRENCH.

*First peal of Caters.

The above peal was rung to celebrate the birthday of Mrs. Lindsay, wife of the Rev. J. Lindsay, D.D., rector of the above church. A peal was attempted on the rector's birthday, but it came to grief. J. C. Mitchell hails from St. Albans.

The Provinces.

BIRMINGHAM.

THE BIRMINGHAM AND DISTRICT ASSOCIATION.

On Monday, November 20, 1886, in Three Hours and Twenty-Three Minutes,

AT THE CHURCH OF ST. PHILIP,

A PEAL OF GRANDSIRE CATERS, 5075 CHANGES;

Tenor 29 cwt. in D.

GEORGE HITCHMAN* Treble.	CHARLES CARMELL 6.
JOHN CALLAGHAN 2.	JAMES PLANT 7.
JOHN CARTER 3.	*WILLIAM SMITH 8.
JOHN TINSLEY* 4.	THOMAS HOLMES 9.
CHARLES BARNACLE 5.	ALBERT HACKLEY Tenor.

Composed and conducted by JOHN CARTER.

*First peal of Caters.

The above peal contains the 6th twenty-four times wrong and right, also the 5th thirteen times wrong and six times right, and is now rung for the first time. Mr. T. Holmes hails from Burton-on-Trent; J. Tinsley and W. Smith from Darlaston; J. Plant from Erdington.

DERBY.—THE MIDLAND COUNTIES' ASSOCIATION AND THE ST. ANDREW'S SOCIETY, DERBY.

On Thursday, November 25, 1886, in Three Hours and Ten Minutes,

AT THE CHURCH OF ST. ANDREW,

A PEAL OF PLAIN BOB MAJOR, 5040 CHANGES;

REEVES'S 5-PART.

Tenor 20½ cwt. in Eb.

WILLIAM SHARDLOW* Treble.	GEORGE MOTTASHAW 5.
THOMAS ALTON* 2.	*JOHN W. THOMPSON 6.
HARRY CHAS. WOODWARD 3.	ALBERT E. THOMPSON 7.
WILLIAM B. MIDGLEY* 4.	*CHARLES HART Tenor.

Conducted by ALBERT E. THOMPSON.

*First peal of Major.

ABINGDON, BERKS.

THE OXFORD DIOCESAN GUILD.

On Saturday, November 27, 1886, in Three Hours and Ten Minutes,

AT THE CHURCH OF ST. HELEN,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

TAYLOR'S BOB-AND-SINGLE-VARIATION.

Tenor 20 cwt. in E.

GEORGE YOUNG* Treble.	JOHN H. VINER 5.
WILLIAM SANDELL 2.	GEORGE HOLIFIELD 6.
EDMUND HOLIFIELD 3.	JESSE AVERY 7.
HARRY HOLIFIELD 4.	*HAROLD HUMFREY Tenor.

Conducted by GEORGE HOLIFIELD.

*First peal. Messrs. George and Edmund Holifield and Jesse Avery hail from Appleton; the rest belong to Abingdon.

WARNHAM, SUSSEX.

THE SUSSEX COUNTY ASSOCIATION.

On Saturday, November 27, 1886, in Three Hours and Six Minutes,

AT THE PARISH CHURCH,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

Tenor 14½ cwt.

GEORGE CHARMAN Treble.	THOMAS ANDREWS 5.
HENRY WOOD 2.	HENRY CHANDLER 6.
WALTER WADEY* 3.	*HARRY COOK 7.
WILLIAM SHORT 4.	GEORGE WOODMAN Tenor.

Conducted by HENRY CHANDLER.

*First Peal.

The above peal is taken from "Shipway's Reprint," page 81, and contains 190 bobs and fifty singles.

LEEDS, KENT.

THE KENT COUNTY ASSOCIATION.

On Sunday, November 28, 1886, in Three Hours and One Minute,

AT THE CHURCH OF ST. NICHOLAS,

A PEAL OF GRANDSIRE TRIPLES, 5040 CHANGES;

HOLT'S TEN-PART.

Tenor 20 cwt.

EDWARD PRICE Treble.	ALFRED H. WOOLLEY 5.
REUBEN SIMMONDS 2.	GEORGE PAWLEY 6.
ALLCHIN MOORCRAFT 3.	HARRY PEARCE 7.
FREDERICK G. NEWMAN 4.	JOHN JOHNSON Tenor.

Conducted by HARRY PEARCE.

ROCHDALE, LANCASHIRE.
THE LANCASHIRE ASSOCIATION.

On Saturday, November 27, 1886, in Three Hours and Fourteen Minutes,
AT THE CHURCH OF ST. MARY,

A PEAL OF TREBLE BOB MAJOR, 5344 CHANGES;

IN THE KENT VARIATION. Tenor 16½ cwt. in F.

GEORGE E. TURNER.. ..Treble.	FRANK BIRTWISTLE 5.
JOHN E. POLLITT 2.	WILLIAM J. SEVIER.. .. 6.
GEORGE HOYLE 3.	A. EDWARD WREAKS.. .. 7.
JOHN HARRISON 4.	JOHN EACHUSTenor.

Composed by ARTHUR KNIGHTS, of Chesterfield, and conducted by A. EDWARD WREAKS.

This is the first peal of Major ever rung on these bells. Messrs. Hoyle, Harrison, and Birtwistle belong to the Rochdale parish church company, and the rest are from Manchester. This peal has the 4th and 6th their extent each way in 5-6, and the 5th its extent at home, and has never been rung before. The Manchester ringers, together with Messrs. Hoyle and Harrison, wish, through the medium of this paper, to tender their best thanks to their brother-ringer, Mr. F. Birtwistle, for the kind manner in which they were entertained by him after the above peal was rung.

HARLOW, ESSEX.

THE HERTFORDSHIRE ASSOCIATION.

On Tuesday, November 30, in Three Hours and Thirty-Three Minutes,

AT THE CHURCH OF ST. MARY,

A PEAL OF BOB MAJOR, 5376 CHANGES;

Tenor 21 cwt. 3 qrs., in E.

NEHEMIAH W. TARLING ..Treble.	*HENRY PRIOR, JUN... .. 5.
ARCHIBALD BROWN 2.	JOSEPH TARLING 6.
THOMAS SABAN 3.	PHILIP SPRINGHAM 6.
FREDERICK SWORDER* 4.	*HENRY JAMES TUCKER ..Tenor.

Composed and conducted by HENRY JAMES TUCKER.

The peal, which is now rung for the first time, contains the 4th and 5th each eighteen times in 6ths place, and the 6th twelve times wrong and twelve times right. First peal in the method on the bells and also the first peal in the method by all except the treble and tenor men. It was rung to celebrate the opening that day of a handsome pulpit, erected in the above church by parishioners and friends to the memory of the late Mr. and Mrs. Perry Watlington, of Moor Hall, Harlow. It being also the birthday of the ringer of the 5th, his brother-ringers wish him many happy returns. *College Youths.

STALYBRIDGE, CHESHIRE.

THE LANCASHIRE ASSOCIATION (ASHTON BRANCH).

On Tuesday, November 30, 1886, in Three Hours and One Minute,

AT HOLY TRINITY CHURCH,

A PEAL OF STEDMAN TRIPLES, 5040 CHANGES;

BROOK'S VARIATION.

HARRY HEAP*Treble.	*CHARLES WILLOCKS.. .. 5.
JOHN LEIGH* 2.	BENJAMIN BROADBENT 6.
WILLIAM JAKEMAN* 3.	GEORGE LONGDEN 7.
SAMUEL WOOD 4.	*MATTHEW PAILTHORPE ..Tenor.

Conducted by SAMUEL WOOD.

*First peal in the method, and the first peal in the method by the Association.

Miscellaneous.

THE BEDFORDSHIRE ASSOCIATION.

BEDFORD.—On Thursday, November 18th, at St. Mary's Church, 720 of Plain Bob (twenty-two singles and two bobs). W. Biggs, 1; M. Warwick, 2; W. Allen, 3; H. Chapman, 4; C. W. Clarke (conductor), 5; F. Keech, 6. Also on Thursday, November 25th, 720 of Violet Treble Bob (nine bobs). M. Warwick, 1; I. Hills, 2; T. Foote, 3; H. Chapman, 4; W. Hall, 5; C. W. Clarke (conductor), 6. Also 720 of Oxford Treble Bob. H. Chapman, 1; M. Warwick, 2; T. Foote, 3; I. Hills, 4; C. W. Clarke (conductor), 5; W. Allen, 6. *Handbell Ringing.*—On Sunday, November 21st, at the house of Mr. J. Spencer, 720 of Plain Bob (fourteen bobs and two singles). H. Chapman, 1; J. Spencer (first 720 on a bob bell), 2; M. Warwick (conductor), 3; W. Allen, 4; C. W. Clarke, 5; F. Keech, 6. Also 720 of Grandsire Minor (thirty-four bobs and two singles). J. Spencer, 1; M. Warwick, 2; H. Chapman, 3; W. Allen, 4; C. W. Clarke (first 720 in the method double-handed, conductor), 5-6. Also on Monday, November 22nd, at St. Paul's, for practice, 576 of Kent Treble Bob Major. F. Keech, 1; M. Warwick, 2; H. Chapman, 3; C. W. Clarke (conductor), 4; W. Hall, 5; J. Frossell, 6; I. Hills, 7; T. Foote, 8.

BIDDENHAM (Beds.).—On Wednesday, November 24th, at St. James' Church, 720 of Kent Treble Bob (nine bobs). C. W. Clarke (conductor), 1; I. Hills, 2; C. West, 3; M. Warwick, 4; T. Foote, 5; H. Chapman, 6. Also 720 of Grandsire Minor (thirty-eight bobs and twenty-two singles). J. West, 1; M. Warwick, 2; C. W. Clarke, 3; I. Hills, 4; H. King, 5; W. Biggs (conductor), 6. Also 360 of Double Court Minor (nine bobs). C. West, 1; H. Chapman, 2; C. W. Clarke (conductor), 3; T. Foote, 4; W. Biggs, 5; I. Hills, 6.

CARDINGTON (Beds.).—On Saturday, November 27th, the following members attempted a peal of Bob Major, but after ringing twenty-six courses, a mishap occurred. F. Keech, 1; W. Allen, 2; M. Warwick, 3; C. W. Clarke (conductor), 4; T. Foote, 5; H. Chapman, 6; J. Frossell, 7; I. Hills, 8.

THE ST. JAMES'S SOCIETY, LONDON.

LEWISHAM (Kent).—On Tuesday evening, November 23rd, at St. Mary's church, a 720 of Grandsire Minor, in 27 mins., with the bells deeply muffled, as a token of respect to the memory of the Rev. Reginald George Dutton, late assistant curate at this church. Deeply lamented by all who knew him. Edward Freeman, 1; T. G. Deal, 3; W. Pead, 4; W. Bowles, 5; A. G. Freeman (conductor), 6; W. H. Freeman, 7; J. Eastgate (as cover) 8. It was intended to go for a 5040, but meeting one short a 720 was rung. Tenor 22½ Eb. — *Muffled Peal.*—On Saturday, November 27th, at the parish church of St. Mary, the first half of Holt's ten-part peal of Grandsire Triples, 2520 changes, in 1 hr. 28 mins. Harry W. Grouit (Greenwich), 1; William Pead (Deptford), 2; Thomas G. Deal (Lee), 3; William H. Bowles (Lewisham), 4; Frederick W. Thornton (Greenwich), 5; William H. Freeman (Leyton), 6; A. George Freeman (conductor, Lewisham), 7; James S. Eastgate (Lewisham), 8. Rung with the bells half-muffled, as a tribute of respect to the memory of the late Mr. William G. Shade, a member of the above and other London Societies, who was interred in the Royal Naval College Cemetery on that day. Deceased was for many years a ringer at Lewisham and St. Alphege, Greenwich.

DURHAM AND NEWCASTLE DIOCESAN ASSOCIATION.

SHOTLEY BRIDGE (Durham).—On Tuesday evening, November 23rd, at St. Cuthbert's church, 720 Bob Minor, in 29 mins. T. H. Surtees, 1; R. S. Story (conductor), 2; Thos. Bell (first 720), 3; F. Barron, 4; Will Oliver, 5; J. W. Forster, 6. Tenor 14 cwt. Mr. Story hails from Whitley.

THE EASTERN COUNTIES' GUILD.

SPALDING.—On Sunday, November 21st, at SS. Mary and Nicholas, for Divine service in the evening, a 546 of Union Triples. This is the first touch of Union Triples by the local company. And on Tuesday, November 23rd, three 6-scores of Grandsire Doubles. J. R. Mackman (first 360, aged 11 years) rang the treble. Also three 6-scores in the same method. J. Peck (first 360), 1; J. S. Wright, 2; R. Jarvis, 3; R. Mackman, 4; C. Neverson (conductor), 5; G. L. Richardson, 6. And a 366 of Grandsire Triples. G. Ladd (first touch of Grandsire Triples), 1. Also on Wednesday, November 24th, on the occasion of a Confirmation, a 546 of Union Triples, conducted by R. Mackman. And a 518 of Grandsire Triples, conducted by G. Skeef. Also on Advent Sunday, November 28th, at 7 a.m., a 360 of Plain Bob, conducted by J. S. Wright. And a 360 of Grandsire Triples, conducted by J. Brown. Also at 10 a.m., a 546 of Union Triples. R. Jarvis, 1; J. W. Jarvis, 2; J. S. Wright, 3; C. Neverson, 4; G. L. Richardson, 5; R. Mackman, 6; J. Brown, 7. J. Peck, 8.

THE ESSEX ASSOCIATION.

BRAINTREE.—*Handbell Ringing.*—On Wednesday, November 11th, at the residence of Mr. S. Hammond, Panfield Lane, Bocking, 720 of Bob Minor (eighteen singles and three bobs), in 17 mins. Also on Monday, November 22nd, another 720 of Bob Minor (eighteen singles and three bobs), in 18 mins., each called differently. F. Rudkin, 1-2; S. Hammond (conductor), 3-4; H. E. Hammond, 5-6. The above was rung on a splendid set of handbells recently left in the care of the Braintree ringers by a kind friend.

THE HEREFORDSHIRE ASSOCIATION.

COLWALL (Herefordshire).—On Saturday, November 27th, at the Parish Church, 720 of Grandsire Minor, in 26 mins. G. Evans (first 720), 1; A. C. Buckell (first 720), 2; J. T. Horton, 3; E. J. Beaten, 4; J. Field (first 720), 5; J. W. Washbrook (conductor), 6. All are members of the Herefordshire Guild.

NORTH LINCOLNSHIRE ASSOCIATION.

NOCTON.—On Wednesday afternoon, November 3rd, the following ringers from Lincoln visited the above place, and rang at the parish church a 720 of Oxford Treble Bob Minor in 28½ mins. C. Bingham, 1; J. W. Watson, 2; C. Wells, 3; T. Robinson, 4; F. Rose, 5; J.

Vickers (conductor), 6. Tenor 9 cwt. This is the first 720 in the method on the bells. Afterwards some touches of Plain Bob, Kent Treble Bob, and Grandsire Minor were rung, in which Messrs. T. Keyworth and H. Maidens took part.

THE NORWICH DIOCESAN ASSOCIATION.

BANHAM (Norfolk).—On Friday, November 19th, at the Parish Church, with the bells half-muffled, 720 of Oxford and 720 of Kent Treble Bob Minor, each in 30 mins. R. Hutton (conductor), 1; W. Nudds, 2; G. Edwards, 3; J. Woods, 4; C. Everitt, 5; J. Mordey, 6. The above was rung as a mark of respect to the memory of the late Miss Holmes, aged 97 years, who died the previous Saturday and was buried on the above date at the cemetery.

LEISTON (Suffolk).—On Saturday, November 13th, 1886, for practice at St. Margaret's church, 854 Grandsire Triples. J. Button, 1; H. Button, 2; C. Smith, 3; W. Button, 4; T. Staulkey, 5; T. E. Shearing (conductor), 6; G. Lindoff, 7; J. Flegg, 8. On Sunday, November 21st, for Divine Service in the morning, 1008 Bob Triples. T. Staulkey, 1; H. Button, 2; *F. Wilson, 3; J. Button, 4; *A. Lincoln, 5; R. W. Stannard, 6; G. Lindoff (conductor), 7; J. Flegg, 8. In the afternoon 700 Grandsire Triples. J. Button, 1; H. Button, 2; W. Fisher, 3; H. Rodwell, 4; T. Staulkey, 5; R. W. Stannard, 6; G. Lindoff (conductor), 7; J. Flegg, 8. Tenor 20½ cwt. *First 1000. C. Smith hails from Aldeburgh-on-Sea, and W. Fisher from Kelsale. And on Tuesday, November 22nd, for practice, at St. Margaret's church, 812 Grandsire Triples. W. Taylor, 1; H. Button, 2; G. Lindoff, 3; A. Rodwell, 4; W. Button, 5; R. Stannard, 6; T. E. Shearing (conductor), 7; J. Flegg, 8. On Saturday, November 27th, 252 Grandsire Triples. H. Button, 1; C. Smith, 2; *F. Wilson, 3; R. Stannard, 4; T. E. Shearing (conductor), 5; T. Staulkey, 6; G. Lindoff, 7; J. Flegg, 8. Also 350 in the same method. W. Button, 1; H. Button, 2; R. Stannard, 3; A. Rodwell, 4; *A. Lincoln, 5; G. Lindoff (conductor), 6; T. Staulkey, 7; J. Flegg, 8. Also 1750 Grandsire Triples. H. Button, 1; W. Button, 2; C. Smith, 3; T. Staulkey, 4; T. E. Shearing (conductor), 5; R. Stannard, 6; G. Lindoff, 7; J. Flegg, 8. *First attempt at the method. This is also the longest length of Grandsire by the St. Margaret's Society.

THE OXFORD DIOCESAN GUILD.

CAVERSHAM (Oxon).—On Sunday, November 28th, for Divine Service at St. Peter's church, 720 Oxford Bob Minor, in 27 mins. H. Simmonds, 1; F. Simmonds, 2; G. Essex, 3; J. Hands, 4; H. Smith (first in the method with a bob bell), 5; T. Newman (conductor), 6.

STOKE-ON-TRENT ARCHIDIACONAL ASSOCIATION.

STOKE.—On Monday, November 22nd, at the parish church, a half-peal of Grandsire Triples (2520 changes), in 1 hr. 33 mins. J. Titterton, 1; J. Baddeley, 2; E. Glover, 3; W. B. Allison, 4; J. W. Brough, 5; J. Austin, 6; H. Page (conductor), 7; T. Rose, 8. Messrs. Baddeley, Glover, and Brough hail from Norton.

NORTON.—On Sunday, November 28th, for evening service at the parish church, 720 of Oxford Treble Bob Minor, in 27 mins. G. Walker (conductor), 1; E. Glover, 2; J. Morton, 3; D. Bradberry, 4; J. W. Brough, 5; W. Baddeley, 6. D. Bradberry hails from Horton.

THE YORKSHIRE ASSOCIATION.

BRADFIED, NEAR SHEFFIELD.—On Sunday, November 14th, at the Church of St. Nicholas, five of the local company, with Mr. J. Mulligan, of Sheffield, made an attempt to ring a peal of 5040 changes in seven different methods. All went on right until within a few leads of the end when two bells changed course and stand was called, after ringing 5000 changes in 2 hrs. 50 mins. G. Merryman, 1; J. Mulligan, 2; D. Brearley, 3; J. Gillott, 4; G. H. Uttley, 5; A. Brearley (conductor), 6. Tenor 12 cwt. The following are the methods which were rung, College Pleasure, New London Pleasure, Duke of York, Violet, Woodbine, Oxford Delight, and Kent Treble Bob.

HULL.—On Tuesday, 16th, at Holy Trinity Church, for Divine service, 480 of Stedman Triples. H. Cutter, 1; C. Jackson (conductor), 2; J. Pollard, 3; H. Jenkins, 4; W. Southwick, 5; J. Dixey, 6; F. Drabble, 7; C. Bennett, 8. On Wednesday, November 17th, at St. James' Church, a quarter-peal of Stedman Triples (1260 changes), in 43 mins. C. Bennett, 1; T. Stockdale, 2; J. Pollard, 3; W. Southwick, 4; H. Jenkins, 5; C. Jackson (conductor), 6; J. W. Stickney, 7; J. Miller, 8. On Thursday, 18th, at Holy Trinity Church, 480 of Stedman Triples. W. Southwick, 1; H. Cutter, 2; J. Pollard, 3; H. Jenkins, 4; C. Jackson (conductor), 5; J. Dixey, 6; F. Drabble, 7; C. Bennett, 8. On Sunday, 21st inst, at Holy Trinity Church, 480 of Stedman Triples. C. Jackson (conductor), 1; H. Cutter, 2; J. Pollard, 3; H. Jenkins, 4; W. Southwick, 5; J. Dixey, 6; F. Drabble, 7; C. Bennett, 8. On Monday, November 22nd, at the same place, 408 of Stedman Triples. C. Bennett, 1; H. Cutter, 2; J. Pollard, 3; H. Jenkins, 4; W. Southwick, 5; J. Dixey, 6; F. Drabble, 7; C. Jackson (conductor), 8.

THE ST. JAMES' SOCIETY, BRISTOL.

BRISTOL.—On Saturday, November 13th, at St. James's Church, 432 of Bob Caters. G. Pearse, 1; F. Porch, 2; W. Paddock, 3; H. Tucker, 4; G. Pymm, 5; J. Hinton, 6; W. Porch, 7; A. Howell, 8; H. Porch (conductor), 9; F. Jewell, 10. Also in the evening, a quarter-peal of Bob Triples, in 48 mins. G. Pearse, 1; W. Paddock, 2; G. Pymm, 3; A. Howell, 4; W. Porch, 5; H. Tucker, 6; H. Porch (conductor), 7; F. Jewell, 8. This is the first touch of Bob Caters, and the first quarter-peal of Bob Triples by the society.

THE SURREY ASSOCIATION.

CROYDON (Surrey).—On Saturday, November 20th, at the church of St. John-the-Baptist, a quarter-peal of Union Triples, 1260 changes, in 50 mins. U. Holman, 1; H. C. Haley, 2; A. B. Carpenter, 3; T. Boniface, 4; W. States, 5; W. Hawkins, 6; A. Bruce, 7; T. Verral and W. Todd, 8. Composed and conducted by A. B. Carpenter. Messrs. Boniface and Hawkins hail from Bletchingley; the rest belong to Croydon. It was intended to start for the whole peal, but owing to illness near the church the attempt was abandoned. As it happened neither the 6th nor 7th bell went well enough to be got through a 5000.

THE MIDLAND COUNTIES' ASSOCIATION.

CHESTERFIELD (Derbyshire).—On Monday, November 22nd, at the Parish Church, a quarter-peal of Grandsire Triples (1260 changes), in 44 mins. *Herbert Rippon, 1; I. Goodwin, 2; G. Toplis, 3; D. Farthing, 4; J. Ellis, 5; J. Hunt, 6; A. Knights (conductor), 7; S. Mee, 8. Tenor 24½ cwt. *First quarter-peal.

MELBOURNE (Derby).—On Sunday morning, November 28th, for Divine Service at the parish church, the local society rang 216 of Grandsire Minor, and 108 of Plain Bob Minor. H. Hollingworth, 1; F. W. Cook, 2; J. Warren, 3; G. A. Fish, 4; J. Vickers, 5; G. C. Tunncliff (conductor), 6. Also for evening service, 720 of Plain Bob Minor (eighteen bobs and two singles), in 26½ mins. H. Hollingworth, 1; F. W. Cook, 2; J. Warren, 3; G. C. Tunncliff, 4; T. Hollingworth, 5; *G. A. Fish (conductor), 6. *First 720 as conductor.

ASSOCIATION FOR THE ARCHDEACONRY OF STAFFORD.

WOMBOURN.—Recently at the parish church, the St. Benedict's society rang a 720 of College Single Minor in 26 mins. G. Little, 1; H. Deans, 2; A. Little, 3; W. Devey, 4; H. Claridge, 5; R. Cartwright (conductor), 6. This is the first in the method by all, and the first on the bells.

BACUP.—On Sunday evening, November 28th, for Divine Service at Christ Church, 360 of Oxford Treble Bob. A. L. Hardman (conductor), 1; A. White, 2; Z. Lord, 3; A. Chew, 4; J. Smith, 5; W. Smith, 6. Also 360 of Oxford Single Bob. A. L. Hardman (conductor), 1; A. White, 2; A. A. Downing, 3; Z. Lord, 4; J. Smith, 5; W. Smith, 6.

EASTNOR (Herefordshire).—On Sunday, November 28th, at the Parish Church, 720 of Grandsire Minor, in 23 mins. G. Peacy, 1; M. Wagstaff (first 720), 2; R. G. Knowles, 3; T. Williams, 4; J. T. Horton, 5; J. W. Washbrook (conductor), 6. Tenor about 10 cwt.

ECKINGTON (Derbyshire).—On Monday, November 22nd, the local company, to celebrate the 83rd birthday of the Rev. Edmond Hiley Bucknall Estcourt, M.A., who has been rector of the parish of Eckington over forty years, 720 of Oxford, 360 of Violet, and 360 of New London Pleasure. F. Hancock, 1; G. Norman, 2; E. James, 3; J. Shaw (conductor), 4; W. Price, 5; S. Lunn, 6. Also on Tuesday, November 23rd, to celebrate the marriage of Sir George R. Sitwell, Bart., of Renshaw Hall, Chesterfield, and the Hon. Ida Denison, third daughter of Lord Londesborough, of Berkeley Square, London, Londesborough Lodge, Scarborough, and Market Weighton, Yorkshire, 720 each of Oxford and Violet. F. Hancock, 1; W. Price, 2; E. James, 3; G. Norman, 4; G. Marsden (conductor), 5; S. Lunn, 6. J. Shaw rang and conducted in Violet in place of G. Marsden.

DARTFORD (Kent).—On Sunday morning for service at Holy Trinity Church a quarter-peal, 1260 changes, in 45 mins. A. Rose, 1; W. Cook, 2; E. W. Snowden, 3; G. May, 4; F. French (conductor), 5; T. Blackman, 6; E. Everson, 7; H. Rose, 8. Tenor 20 cwt.

HORNSEY (Middlesex).—On Sunday evening, November 14th, at the parish church, a 720 of Plain Bob Minor (twenty-two singles), in 26 mins. G. Griffin, 1; J. Waghorn, jun., 2; H. A. Barnett, 3; J. Waghorn, jun., 4; G. Lucas (conductor), 5; A. Jacob, 6. Also 720 Oxford Treble Bob Minor, in 27 mins. T. Grove (first 720 Treble Bob), 1; J. Waghorn, jun., 2; H. A. Barnett, 3; J. Waghorn, 4; G. B. Lucas, 5; *A. Jacob (conductor), 6. *First 720 of Oxford as conductor.

KINGSWINFORM (Staffordshire).—On Saturday, November 20th, several of the Stourbridge ringers from St. Thomas's Church, paid a visit to St. Mary's Church, and with the assistance of some of the local ringers rang a 360 and a 420 of Bob Minor. C. Barrett, 1; T. Lees, 2; J. Guest, 3; W. Sackfield, 4; W. Lawrance (conductor), 5; W. Jones, 6. Afterwards a 720 of Grandsire Minor. W. A. Pugh, 1; J. Hillman, 2; J. Guest, 3; J. Hartshorn, 4; W. Lawrance (conductor), 5; W. Jones, 6.

PINCHBECK (Lincolnshire).—On Monday, November 22nd, seven members of the Eastern Counties' Guild paid a visit to St. Mary's Church and by permission of Canon Wayte, vicar, rung nine 120's of Grandsire Doubles. J. S. Wright, J. Brown, R. Mackman, J. W. Jarvis, R. Jarvis, J. Peck, G. Ladd, and C. Creasey.

LIVERPOOL.—On Wednesday November 17th, nine members of the Liverpool Youths' Society, with John W. Taylor, Esq. of Loughborough, met at the Cathedral Church of St. Peter, and started for a peal of Stedman Caters (5001 changes,) which however came to grief after ringing 1220 changes in fifty minutes. R. Williams, 1; W. Booth, 2; T. Hammond, 3; C. Williams, 4; J. H. Moore, 5; J. W. Taylor, 6; J. R. Pritchard (conductor), 7; W. Davies, 8; R. Williams (composer), 9; R. Diggle, 10. It being too late to start again a touch of Treble Bob Major, 288 changes was rung on the back eight. W. Booth, 1; C. Williams, 2; J. H. Moore, 3; R. Williams, 4; J. R. Pritchard, 5; T. Hammond, 6; W. Davies, 7; J. W. Taylor, Esq. (conductor), 8.

LONDON.—On Saturday, November 27th, 1886, at St. John's, Waterloo Road, 1260 Grandsire Triples, in 42 mins. C. Chaplin, 1; W. Partington, 2; A. Wood, 3; S. G. Davies, 4; W. Broadbent, 5; H. L. Partington, 6; F. L. Davies (conductor), 7; H. Pinnegar, 8.

PRESTON (Suffolk).—On Sunday, November 28th, after Divine Service in the afternoon, at St. Mary's Church, a 720 of Bob Minor (forty-two singles). H. Symonds, 1; H. Smith, 2; A. Hollocks, 3; J. Moore, 4; W. Snell, 5; A. Symonds (composer and conductor), 6. Afterwards the band was invited to the meeting house of Mr. H. Symonds for a touch on the handbells, and a 720 of Bob Minor was rung (twenty-six singles). H. Smith, 1; W. Hollocks, 2; W. Snell, 3; J. Moore, 4; A. Symonds (conductor), 5-6. And on Saturday night, A. Symonds tapped at his father's house on the handbells, a course each of Double Bob Major, Double Yorkshire Court Bob Major, Double Norwich Court Bob Major, and Kent Treble Bob Major, being 560 changes in all. *Cumberland Youth.

ROCHDALE (Lancashire).—On Tuesday, November 23rd, at All Saints' church, for practice by the local band, a 720 Bob Minor, taken from the *Clavis* (9 bobs and 6 singles). J. Hartley, 1; R. Whittles, 2; A. Bamford, 3; T. Stott (first 720 in the method), 4; J. Crossley, 5; A. Crossley (conductor), 6.

STEBBING.—On Sunday, November 14th, at St. Mary's, four 6-scores of Canterbury Pleasure, two 6-scores of New Doubles, two 6-scores of Slow Course, one 6-score of St. Simon's, and one 6-score of Antelope. A. Barker, 1; H. Gomers, 2; J. T. Barker, 3; E. Claydon, 4; E. Hynds, 5; and W. Emery, 6; conducted by E. Claydon and J. T. Barker. Also six 6-scores on handbells, retained in hand, of Canterbury Pleasure, New Doubles, St. Simon's, Stedman's Slow Course, Grandsire, and Antelope. John T. Barker (conductor), 1-2; E. Claydon, 3-4; E. Hynds, 5-6.

STANSTEAD (Essex).—On Friday, November 5th, at the church of St. Mary-the-Virgin, the local company rang a 720 of Double Court Bob Minor in 25½ mins. G. Prior, 1; I. Cavill, 2; J. Luckey, 3; G. Gray, 4; H. Prior, jun., 5; C. Prior (conductor), 6. And a 720 of Double Oxford Bob Minor in 25 mins. J. Cavill, 1; *W. Watts, 2; I. Cavill, 3; H. Prior, jun., 4; J. Luckey, 5; C. Prior (conductor), 6. Also a 720 of College Single in 25½ mins. J. Cavill, 1; H. Prior, jun., 2; I. Cavill, 3; G. Gray, 4; G. Prior, 5; C. Prior (conductor), 6. Also on Sunday, November 7th, for morning service, a 720 of Plain Bob Minor (twenty-four bobs and eighteen singles), in 25 mins. J. Luckey, 1; W. Watts, 2; W. Prior, 3; G. Prior, 4; I. Cavill, 5; H. Prior, jun. (conductor), 6. Composed by Mr. J. Parker, of Farnham Royal. Also on Thursday, November 11th, 720 of Oxford Treble Bob Minor, in 24½ mins. J. Cavill, 1; W. Prior, 2; G. Gray, 3; J. Luckey, 4; H. Prior, jun., 5; C. Prior (conductor), 6. And two plain courses of Stedman Doubles. C. Prior, 1; W. Watts, 2; H. Prior, jun., 3; G. Prior, 4; I. Cavill, 5; W. Prior, 6. And on Sunday, November 14th, for the afternoon service, a 720 of College Single in 25 mins. J. Luckey, 1; W. Prior, 2; G. Gray, 3; G. Prior, 4; H. Prior, jun., 5; C. Prior (conductor), 6. Also on Sunday, November 21st, for the afternoon service, 720 of Double Oxford Bob Minor in 24½ mins. W. Prior, 1; J. Luckey, 2; I. Cavill, 3; H. Prior, jun., 4; C. Prior, 5; H. J. Tucker (conductor), 6. And after service a 720 of College Single in 25 mins. C. Prior, 1; W. Watts, 2; H. Prior, 3; G. Gray, 4; G. Prior, 5; *H. J. Tucker (conductor), 6. Tenor 13 cwt. *First 720 in the method; †College Youths. Mr. Tucker hails from Bishop Stortford.

STOURBRIDGE (Worcestershire).—On Tuesday, November 23rd, at St. Thomas's Church, a 720 of Bob Minor in 30 mins., with 6, 8, behind. C. Barrett, 1; T. Lees, 2; H. Harris, 3; W. H. Hughes, 4; W. Lawrance (conductor), 5; W. A. Pugh, 6; G. H. Pagett, 7; *J. Rodgers, 8. Tenor 19 cwt. in Eb. Mr. Hughes belongs to Wordsley, the rest belong to St. Thomas's. *First 720 in the method. The above was rang in honour of the anniversary of the wedding-day of W. Lawrance, who deserves great praise for his most assiduous efforts in instructing the young band of St. Thomas.

SUDBURY (Suffolk).—On Wednesday, November 10th, the local company met at St. Gregory's Church on the occasion of the marriage of the Rev. Charles E. Crump, Vicar of Sawston, Cambs., and late curate of S. Peter's and S. Gregory's in this town, to Miss Georgina Andrews, sixth daughter of G. W. Andrews, Esq., Mayor of Sudbury. A course of Bob Major was rung while the registrar was being signed, and the bells were then fired as the wedding party emerged from the church. A 1024 of Kent Treble Bob Major was then rung by F. Tolliday, 1; W. Griggs, 2; J. Campin, 3; M. Silvester, 4; W. Howell, 5; H. Harper, 6; C. Sillitoe (conductor), 7; A. Scott, 8. Also 1152 of Bob Major. F. Tolliday, 1; W. Griggs, 2; M. Silvester, 3; A. Scott, 4; W. Howell, 5; H. Harper, 6; W. Cross, 7; C. Sillitoe (conductor), 8. And a 672 of Stedman Triples. A. Scott, 1; W. Griggs, 2; W. Howell, 3; M. Silvester, 4; W. Cross, 5; C. Sillitoe (conductor), 6; H. Harper, 7; J. Campin, 8. Also a touch of 350 and 210 of Grandsire Triples, and 408 of Stedman Triples was also rung, the day's ringing amounting to about 3900 changes. It may be interesting to add that Mr. Andrews was Mayor of this town at the Queen's Accession of the throne, and has been Mayor seven times since, and has been Alderman over fifty years.

WOLLASTON.—On Saturday, November 20th, a party from Rushden paid a visit to the above place, and rang six 6-scores of Grandsire Doubles, called differently, in 27 mins. W. Lewis, 1; G. Buxton, 2; W. Hall (conductor), 3; A. Clayton, 4; H. Clayton, 5; F. Clayton, 6. Also another six 6-scores in the same method, standing as before. Also another three 6-scores. The ringers take this opportunity of thanking the Vicar for the use of the bells, and hope to pay another visit shortly.

WRITTLE (Essex).—On Wednesday, November 17th, for practice, 168 of Grandsire Triples. Also 504 with Queens and Tittums (from Troyte), in 20 mins. A. Edwards, 1; *H. Tunbridge (Broomfield), 2; R. Wood, 3; F. Radley, 4; H. F. De Lisle, Esq. (Galleywood), 5; Rev. T. L. Papillon, 6; W. Lincoln (conductor), 7; A. Bonnington, 8. *First attempt at Triples. This is the longest touch yet rung by any of the above, with the exception of the conductor and Mr. de Lisle. On Sunday, November 21st, for morning service, several 6-scores of Grandsire Doubles, called differently; and for afternoon service, two 6-scores, with the 7th, 2nd, and 8th behind. A. Edwards, 1; W. Emery, 2; J. Everard, 3; F. Radley, 4; Rev. T. L. Papillon, 5; W. Lincoln (conductor), 6; C. J. Dennison, 7; A. Bonnington, 8.

WEST BROMWICH (Staffordshire).—On Sunday, November 14th, being Hospital Sunday, for service in the morning, a touch of Grandsire Caters (containing 503 changes), in 25 mins. J. Hares, 1; T. Horton, 2; W. R. Small, 3; T. Frisby, 4; B. Hill, 5; J. Hall, 6; C. Price, 7; R. Hall, 8; C. Timms, 9; T. Adkins, 10. And on Monday, November 18th, for practice, a quarter peal of Grandsire Caters (containing 1259 changes) in 50 mins. H. Hipkiss, 1; T. Horton, 2; W. Cooper, 3; S. Reeves (conductor), 4; W. R. Small, 5; J. Hall, 6; C. Price, 7; R. Hall, 8; C. Timms, 9; T. Adkins, 10. Tenor 23 cwt. 3 qrs. in Eb. Composed by Mr. H. Johnson, of Birmingham.

THE SALISBURY DIOCESAN GUILD.

The Annual meeting of this Guild will be held at Salisbury, on St. Thomas' Day, December 21st, when the bells of St. Thomas, St. Edmund, St. Martin, and St. Paul, will be at the disposal of the Guild. It is intended to open St. Martin's bells on this day, the same having been augmented to eight. A dedication service will be held in the morning at that church.

ST. SIDWELL'S AND ST. DAVID'S SOCIETIES, EXETER.

THE ANNUAL DINNER of the above societies will be held at the Bude Hotel, on Monday, January 3rd, 1887, at 8 p.m. sharp, when all ringing friends in the neighbourhood will be very welcome. Tickets are now being issued and may be obtained of the secretary, price 2s. 6d. each. EDWARD PITT, Hon. Sec.

10 Stover Place, Cheeke Street, Exeter.

A very large clock has just been erected upon a tower at Ingestre Hall stables (a seat of the Right Hon. Earl of Shrewsbury and Talbot). It is fitted with all the latest improvements, and is guaranteed to keep very accurate time. It chimes the Cambridge quarters upon four bells and strikes the hours upon a large bell. The work has been carried out by John Smith and Sons, Midland Clock Works, Derby.

In Memoriam.

ROBERT NUDDS.

Many a ringer, particularly in the eastern counties, will receive the news of the death of the above named gentleman, at the comparative early age of 58. For many years past his familiar face was present amid welcomes at most of the gatherings of ringers in the Eastern Counties. The deceased, who lived formerly at Banham, Norfolk, was sexton of that parish church for nearly 27 years. He resided in Banham for over 30 years, during which time he has seen many a ringer come and go—and now his loss is mourned. He retired from business temporarily to recruit his failing health, and took up his residence in the same village as his son at Monks Eleigh, Suffolk, near the renowned Lavenham, but he lived less than a month in his new abode, for he succumbed to disease of the heart and liver, on Wednesday, November 17th. At the funeral of the deceased on Tuesday, November 23rd, a company of ringers from Bildeston, and Monks Eleigh paid their last respects by bearing him to his last resting place, and after the coffin was lowered by ringing a muffled peal. The ringers were W. Green, W. Keeble, A. Keeble, C. Parker, A. Long (Bildeston), J. Bigg. The same company again showed their tribute of respect on Sunday last when half-muffled peals before and after service were rung, concluding with an open peal. Muffled peals were also rung for the deceased at Banham, Kenninghall, and Tibenham: adjoining places in Norfolk, where he had had in his lifetime himself rung many a peal. The deceased had been a member of the Norwich Diocesan Association since 1878.

THE LANCASHIRE ASSOCIATION OF SIX-BELL RINGERS.

THE USUAL QUARTERLY MEETING will be held at Standish, on Saturday, December 4th. The bells will be open for ringing from two o'clock. Business meeting at five o'clock in the schoolroom.

57 Chorley Road, Blackrod.

JAMES HIGSON, Sec.

THE LANCASHIRE ASSOCIATION.

A RINGING MEETING will be held at Newchurch, on Saturday, December 11th. All ringers in the Rossendale Division are specially invited to attend. Ringing from 2 p.m. A. E. HOLME, } Hon. Secs.
JOEL REDFORD, }

Correspondence.

While allowing the utmost freedom for the expression of opinion, it must never be considered that we are in any way bound to statements made by correspondents.]

To the Editor of "THE BELL NEWS AND RINGERS' RECORD."

THE SILENT PEAL.

SIR,—The remarkable feat of ringing in the tower a silent peal of Stedman Triples, as recorded in the columns of your last issue, is, as you justly point out, one which will rank among the highest campanological performances; and as unfortunately it has been too often the case that these supreme efforts have been at a time subsequent to their accomplishment subjected to defamatory criticism, for the most part entirely undeserved, but which the absence of a sufficient amount of independent testimony may have made it exceedingly difficult to disprove, I think it only fair to add my own to the already ample evidence you have published in regard to the Burton-on-Trent peal. Much to my regret I was unable to reach St. Paul's church in time to take my place with the Vicar and Mr. Johnson in the tower, but I may say that on the previous Saturday, when I sat through the first seventeen parts, each ringer was to outward appearance (and I was disposed to be jealously critical) a mere machine, not a sign by either hand, head or eyes, much less a sound of any sort, denoting any connection between the performers. A little trip in the "slow," which a nod or even a wink would have rectified, and all was over. There was no mistaking the intention that the peal should be got "*sans reproche*," or not at all. I felt as if I could realise the feelings of our great electricians when in 1859 they saw the Atlantic cable part, and the end of 1500 miles of wire disappear over the stern of the Agamemnon. Few ringers I imagine will know the value of the friendly nod in Stedman ringing till they have tried a silent peal. A man may accomplish the 5040 without a trip, but practically such a peal as that under notice requires that no one of the seven shall hitch from start to finish. So much then for the style of the ringing as observed from inside. Outside, in answer to my interrogations, the Vicar informed me was equally exact during the next and successful attempt. Finding myself then too late to join the party in the tower, I set about criticising the ringing from outside. Having a "score" of the peal with me I waited for a part-end, when I was able to satisfy myself that six of them were already to the good. From this point to the end, with the exception of one part, I heard every course. Better striking I scarcely suppose possible. The tenor topping each change with an accuracy unattainable by anyone, but a master of the inside work. Not until well into the second half was there the slightest disturbance of this clockwork regularity, for

Mr. Johnson informed me the beat was uninterrupted from the first. A little after the half-way single there was what I can only call a "slight uncomfortableness," for it did not amount to a clash; in three changes, however, the time was re-established, and the peal went steadily forward. During the 18th part I made bold to step into the adjoining meeting house and order up supper, returning a few moments after to hear the commencement of the 19th; immediately before this part-end a slight difference of opinion in 4-5, which under ordinary circumstances would have attracted little or no notice, made the listeners involuntarily shudder, and the excitement became intense; another moment and matters were righted, and we impatiently awaited the final single. This time, at all events, there was to be no disappointment, for with the exception of a wide and close blow just before the finish, the bells came neatly home, and a silent peal of Stedman on tower bells was an accomplished fact. So far as I am aware, beyond the three inaccuracies above mentioned, there was not the least variation during the whole of the ringing from a true and regular beat, and I feel proud, as President of the Association under whose title the peal was rung, that a performance so truly indicative of the splendid mental power of our English ringers should be enrolled in our records.

A. PERCIVAL HEYWOOD.

THE SAFFRON WALDEN PEAL OF TREBLE BOB.

SIR,—In your last issue I notice that Mr. Henry James Tucker brings forward some charges against a peal of Treble Bob rung here recently, and asks if we rang a true or a false peal. To this I reply that the peal was arranged specially "for his informant," and the ringing went on fairly well for nearly three hours, when suddenly in a slight jumble "his informant and the fourth" did change course, but this was noticed instantly, and as the fourth was going down to the front and was in position to take the slow, it was allowed to do so, and the third was put in its proper place when it came to lead. There was no other shift, and the peal proceeded in a proper manner, although I admit the striking from that time was disagreeable to me. I deny that four bells changed course, or that I had to call the bells out the best way I could. I do not wish in the slightest degree to defend a "shift" in a peal, although it may be as in this case a momentary one, but I do contend that it is admissible as much as "firing" in either case the proper changes for the time being are never struck. I shall be glad to give any further information to Mr. Tucker if he desires it.

N. J. PITSTOW.

A REMARKABLE INVENTION.

SIR,—I am now too far advanced in the "sere and yellow leaf," to hope to be able to take further active part in the exercise of change-ringing, especially in this district, where wind and muscle are much more needful than mental knowledge in guiding our bells through the intricacies of hunting, dodging, and place-making, etc., but notwithstanding my lack of the needful strength, my interest in the cause does not in any way abate I therefore derive great pleasure in a weekly perusal of your paper, from which I learn of the rapid advances made and making throughout the kingdom: may I therefore trouble you with a line in reference to a report, which appeared in the "Engineer" of September 3rd, concerning an invention by a Mr. Hoffman, of 54 Junction Road, N., by which he professes to be able to effect a very great improvement in the manufacture of Church bells, the insertion of which in your paper would, I think, excite sufficient interest among your readers to cause those immediately interested in improvements of the kind, to enquire and report through your columns the value or otherwise of the invention, which cannot fail to interest all who are engaged in the exercise of change-ringing. I send herewith a copy of the report for insertion if you see fit.

W. B.

Ford, Devonport.

NOVEL BELLS.—There is always a risk of failure in casting large bells, uncertainty whether the bell will be sound when cast, and liability to eventual fracture. The carriage of such heavy weights as bells of large dimensions to their destination, and the hanging of them when there, are always matters for serious consideration. It will be remembered what preparations were made and precautions taken for the transport of the great bell to St. Paul's, and the difficulty of its hoisting and hanging; and now being hung, it would be dangerous to swing its enormous weight (some 18 tons). Mr. Hoffman, of 54, Junction-road, N., has invented a bell, which he claims will obviate all these difficulties. The Hoffman bell is not cast, but made of metal bent or spun to shape. A bell may be made in several pieces, and hard soldered together. The peculiarity of the result obtained by Mr. Hoffman is that his bells give an astonishing volume of sound. We have heard a bell weighing but 3½ lbs. which gives quite as much sound as a cast bell of ten times the weight, and the tone is very pure and true. The vibration lasts 25 seconds, and the overtones and harmonics are quite perceptible. The inventor guarantees to produce a bell weighing one ton, which shall be as musical and as efficient as an ordinary bell of 20 tons. Various attempts have been made to use sheet metal for bells, but they have all failed hitherto; and the reason why Mr. Hoffman has attained an unprecedented success, seems to be that he has hit on a peculiar alloy, which appears, so far as we can see, to possess some remarkable properties. It is well known that ordinary bell metal is hard and brittle. Mr. Hoffman has however discovered a method by which a bell metal is produced which will be resonant in a very high degree, but admits of being bent. It bears, that is to say, about the same relation to ordinary bell metal that malleable cast iron bears to ordinary cast iron. Although Mr. Hoffman is confident that he can produce very large bells in this way (he has not made any), and it remains to see how far he will be successful, but he has done enough already to excite the interest and claim the attention of every campanologist.

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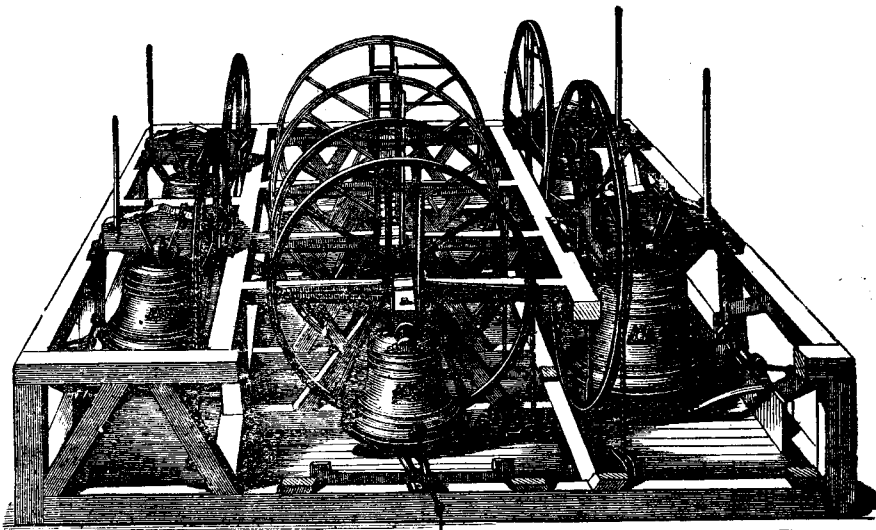
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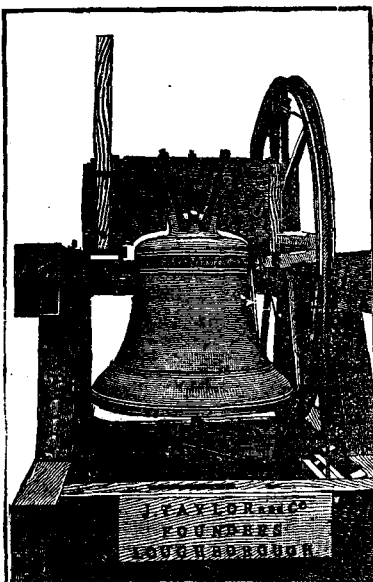
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