

# Halifax Explosion

Mr. L. W. Collins  
6443 London St.

Information re United Memorial Church Bells, etc.  
from Roy Wilson.

Dated June 29<sup>th</sup> A. D. 1943

THE UNITED CHURCH OF CANADA

-to-

TRUSTEES OF UNITED MEMORIAL  
CHURCH OF THE UNITED CHURCH  
OF CANADA, HALIFAX, N. S.

D E E D

Pd \$3.50 9:40 a.m.  
Aug. 28/48

GEORGE E. HARRIS  
BARRISTER AND SOLICITOR  
217 HOLLIS STREET  
HALIFAX - N. S.

Copy of CR30B.48LouCollins'ResearchFile provided by Halifax Regional Municipality Archives

Book 998 Page 757

THIS INDENTURE made this 29<sup>th</sup> day of June, in the year of our Lord One Thousand Nine Hundred and Forty-eight, between: \_\_\_\_\_

THE UNITED CHURCH OF CANADA, a body corporate, under the Provisions of Chapter \_\_\_\_\_ of the Acts of the Dominion of Canada 19\_\_\_\_, having its principal office at Toronto, in the Province of Ontario, hereinafter called the "GRANTOR" of the First Part; \_\_\_\_\_

-and-

TRUSTEES OF UNITED MEMORIAL CHURCH OF THE UNITED CHURCH OF CANADA, HALIFAX, N.S., a body corporate under the Provisions of Chapter 122 of the Acts of the Province of Nova Scotia 1924, hereinafter called the "GRANTEE" of the Second Part. \_\_\_\_\_

WHEREAS by Deed dated February 23, 1920 and registered in the Registry of Deeds Office at Halifax in Book 511, page 945 the Trustees of Kaye Street Methodist Church in said City conveyed to the Board of Trust of the Nova Scotia Conference of the Methodist Church in Canada, a body corporate, certain lands and premises including the first parcel of land hereinafter described. \_\_\_\_\_

AND WHEREAS by Deed dated October 23, 1920 and registered in the Registry of Deeds Office at Halifax aforesaid in Book 524, page 436 The Board of Trust of the Nova Scotia Conference of the Methodist Church in Canada conveyed a one-half interest in said above referred to lands to the Board of Trustees of the Presbyterian Church in Canada, Eastern Section, a body corporate. \_\_\_\_\_

AND WHEREAS by Deed dated October 23, 1920 and registered in the Registry of Deeds Office at Halifax aforesaid in Book 524, page 430 the Trustees of Grove Presbyterian Church in Halifax aforesaid conveyed to the Board of Trustees of the Presbyterian Church in Canada, Eastern Section and to the Board of \_\_\_\_\_

Trust of the Nova Scotia Conference of the Methodist Church in Canada certain other lands and premises in the City of Halifax being the third lot hereinafter described. \_\_\_\_\_

\_\_\_\_\_ AND WHEREAS by Deed dated October 8, 1920 and registered in the Registry of Deeds Office at Halifax aforesaid in Book 526, page 683 Frederick W. Killam, Nurseryman and Charles Morton, Truckman, as Trustees for Kaye Street Methodist Church conveyed to the Board of Trust of the Nova Scotia Conference of the Methodist Church in Canada and the Board of Trustees of the Presbyterian Church in Canada, Eastern Section, certain other parcel of land in the said City of Halifax, being the second lot hereinafter described. \_\_\_\_\_

\_\_\_\_\_ AND WHEREAS by Deed dated May 30, 1921 and registered in the Registry of Deeds Office at Halifax in Book 579, page 78 the Board of Trustees of the Presbyterian Church in Canada Eastern Section, conveyed all its estate, right, title and interest in the lands and premises described in the above recited deeds to the Church and Manse Board of the Presbyterian Church in Canada as security for certain monies advanced by said Board as more particularly recited in said Deed. \_\_\_\_\_

\_\_\_\_\_ AND WHEREAS by virtue of the provisions of Chapter 122 of the Acts of the Province of Nova Scotia, 1924 the above referred to lands and premises became vested in the United Church of Canada, the Grantor herein. \_\_\_\_\_

\_\_\_\_\_ AND WHEREAS the Grantee has requested a re-conveyance of the lands and premises hereinafter described and the Grantor has taken all steps necessary to convey the same to said Grantee in accordance with the rules and regulations of the United Church of Canada. \_\_\_\_\_

\_\_\_\_\_ NOW THIS INDENTURE WITNESSETH that the said Grantor for and in consideration of the premises and of the sum of One Dollar of lawful money of the Dominion of Canada to the said Grantor in hand well and truly paid by the said Grantee at or before the sealing and delivery of These Presents, the receipt



whereof is hereby acknowledged, hath granted, bargained, sold, aliened, enfeoffed, released, remised, conveyed and confirmed and by These Presents doth grant, bargain, sell, alien, enfeoff, release, remise, convey and confirm unto the said Grantee, its successors and assigns, -

FIRST - All that lot of land situate on Kaye Street in the City of Halifax aforesaid and being Lots 34, 35, 36, 61, 62 and 63 on a plan of subdivision of lands of Joseph Kaye on file in the Registry of Deeds Office, and more particularly described as follows: Beginning at a point on the north side of Kaye Street at the southeast corner of property under description, said point being distant in a westerly direction two hundred and twenty-one point seven (221.7) feet from the west side line of Albert Street; thence running westerly along the said north side of Kaye Street one hundred and twenty feet; thence northerly one hundred and ninety-two feet to a point on the south side of Young Street, said point being distant in a westerly direction three hundred and forty feet from the west side of Albert Street; thence easterly along the south side of Young Street one hundred and nineteen feet to a point distant two hundred and twenty-one feet from the west side of Albert Street; thence southerly one hundred and ninety-one feet to the place of beginning.

SECOND - Also All that lot, piece or parcel of land situate, lying and being in the City of Halifax, being the western part of lots 37 and 60 of the subdivision of the Estate of Joseph Kaye lying between Kaye Street and Young Street, being more particularly described as follows: Beginning at a point on the north side of Kaye Street distant two hundred and twenty one feet more or less from the west side line of Albert Street measured in a westerly direction, said point being marked at present by the southeast corner of a concrete wall built along the southern boundary of lots 34 and 35 and 36 of aforesaid subdivision; thence running northerly and parallel with Albert Street one hundred and ninety-three feet more or less to the south side line of Young Street; thence easterly along the south side line of Young Street twenty-five feet; thence southerly parallel with the first mentioned course one hundred and ninety-three feet more or less to the north side of Kaye Street thence westerly along the north side of Kaye Street twenty-five feet to the place of beginning.

THIRD - Also All that certain lot, piece or parcel of land in the City of Halifax aforesaid more particularly bounded and described as follows: Beginning on the eastern side line of Gottingen Street at a point fifty feet south from the south side line of a lane fifteen feet wide running from Gottingen Street eastwardly to Acadia Street, said lane being the northern part of what was formerly known as Mulgrave Street and from said point of beginning to run eastwardly one hundred and fifty point four feet (150.4) more or less thence southerly at right angles eighty feet more or less; thence westerly and parallel with the first described course one hundred and forty-four point seven (144.7) feet more or less to Gottingen Street; thence in a northwardly direction along the East side line of Gottingen Street to the place of beginning, EXCEPTING AND RESERVING therefrom any land which may have been taken for widening of Gottingen Street;" together

with all and singular the buildings, easements, tenements, hereditaments and appurtenances to the same belonging, or in

anywise appertaining, with the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title, interest, claim, property and demand both at law and in equity of the said Grantor of, in, to or out of the same, or any part thereof.

TO HAVE AND TO HOLD the said parcel or tract of land and premises unto and to the use of the Trustees and their successors forever for the benefit of the said Congregation upon the trusts and subject to the terms and provisions hereinafter set forth, namely:

1. Upon trust to use the trust property for purposes directed by congregation and maintenance of public worship. —
2. To erect and repair buildings. —
3. To obey all lawful orders and directions. —
4. To permit use of the trust property for church, manse, and Sunday-school purposes. —
5. To let and sell pews and burial plots and to let manse.
6. The trustees shall have power to sell, mortgage, exchange or lease the trust property with the consent of the Presbytery. —
7. The trustees shall keep proper accounts and minutes. —
8. The trustees shall have seven days' notice of all special meetings and one day's notice of other meetings. —
9. The number of trustees shall not be fewer than three or more than fifteen, and vacancies shall be filled by election by the Congregation, or in default of such election by the Presbytery and the property of a congregation which ceases to exist shall be subject to the trust determined by the Conference. —
10. Trustees shall not be liable for involuntary loss. —

AND the said Grantor for itself, its successors and assigns doth hereby covenant, promise and agree to and with the said Grantee, its successors and assigns that it, the said grantor, has not at any time heretofore made, done, committed, or executed or wittingly or willingly suffered any act, deed, matter or thing whatsoever whereby or by means whereof the said premises and parcels or tracts of land hereinbefore mentioned or described or any part thereof are, is or shall or may be in anywise impeached, charged, affected or encumbered

THIS INDENTURE made this Twenty-third day of December, in the year of Our Lord One Thousand Nine Hundred and Twenty,

BETWEEN

F. C. CREIGHTON, of Halifax, in the County of Halifax, Merchant; J. W. EVANS, of Halifax, in the County of Halifax, Plumber; D. C. CAMERON, of Halifax, in the County of Halifax, Engineer; J. FRED CAMERON, of Halifax, in the County of Halifax, Machinist; NOBLE CURRIE, of Halifax, in the County of Halifax, Machinist; A. J. HASLEY, of Halifax, in the County of Halifax, Clerk; GEORGE LEAP, of Halifax, in the County of Halifax, Machinist; B. A. DUMARES, of Halifax, in the County of Halifax, Clerk; GEORGE BURGESS, of Halifax, in the County of Halifax, Milk Dealer, being the Trustees for the time being of the property of THE GROVE PRESBYTERIAN CHURCH, HALIFAX, hereinafter called the "Grantors", of the One Part,

- and -

THE HALIFAX RELIEF COMMISSION, of Halifax, in the County of Halifax, a Body Corporate, hereinafter called the "Grantee", of the Other Part.

WITNESSETH :

That the said Grantors for and in consideration of the sum of One Dollar of lawful money of the Dominion of Canada, to the said Grantors in hand well and truly paid by the said Grantee at or before the sealing and delivery of THESE PRESENTS, the receipt whereof is hereby acknowledged, have and each of them hath granted,

bargained, sold, aliened, enfeoffed, released, remised, conveyed and confirmed, and by these presents do and each of them doth grant, bargain, sell, alien, enfeoff, release, remise, convey and confirm unto the said Grantee, its Successors and Assigns, ALL of that certain lot, piece or parcel of land situate, lying and being on the eastern side of Gottingen Street, in the City and County of Halifax, and which said land may be more particularly described as follows, that is to say: Beginning at the intersection formed by the old south line of Mulgrave Street with the old eastern side line of Gottingen Street; thence to run easterly along the old southern side line of Mulgrave Street six and five-tenths feet to the proposed new eastern side line of Gottingen Street; thence southerly along the said line eighty feet to a point on the northern boundary of property now or formerly owned by Ernest Mosher and distant six feet measured in an easterly direction from the old Gottingen Street line; thence westerly parallel to Mulgrave Street six feet to the old Gottingen Street line; thence northerly by the same eighty feet to the place of beginning; together with all and singular the Buildings, Easements, Tenements, Hereditaments and Appurtenances to the same belonging, or in anywise appertaining, with the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and all the estate, right, title, interest, claim, property and demand, both at law and in Equity of the said Grantors of, in, to or out of the same, or any part thereof;

TO HAVE AND TO HOLD the said land and premises, with the appurtenances, and every part thereof, unto the said Grantee, its Successors and Assigns, to its and their sole use, benefit and behoof forever;

A N D the said Grantors, their and each of their Heirs, Executors, Administrators and Assigns, hereby covenant, promise and agree to and with the said Grantee, its Successors and Assigns, in manner following, that is to say: That they, or either of them, have not executed or done or knowingly suffered or been

party or privy to any deed or thing whereby or by means whereof the subject matter of the conveyance or any part thereof is or may be impeached, charged, affected or encumbered in title, estate or otherwise, or whereby or by means whereof they are in anywise hindered from conveying the subject matter of the conveyance or any part thereof in the manner in which it is expressed to be conveyed.

IN WITNESS WHEREOF, the said parties to these presents have hereunto set their hands and affixed their Seals the day and year first above written.

SIGNED, SEALED and DELIVERED)

In the presence of

*af Rasier*

*J. A. D. Lemaire*

PROVINCE OF NOVA SCOTIA)  
COUNTY OF HALIFAX, SS.)

On this                      day of                      A.D.,  
192     before me, the subscriber, personally came and ap-  
peared                      a subscribing Witness  
to the foregoing Indenture, who, having been by me duly  
sworn, made oath and said that F. C. CREIGHTON, J. W.  
EVANS, D. C. CAMERON, J. FRED CAMERON, NOBLE CURRIE, A.  
J. RASLEY, GEORGE KEMP, B. A. DUMARESQ and GEORGE BURGESS,  
being the Trustees for the time being of the property of  
THE GROVE PRESBYTERIAN CHURCH, HALIFAX, nine of the par-  
ties thereto, signed, sealed and delivered the same in  
h                      presence.

A Barrister of the  
Supreme Court of Nova Scotia.



3

T H I S   I N D E N T U R E made the 23<sup>rd</sup>  
day of October in the year of Our Lord one thousand nine hun-  
dred and twenty;

B E T W E E N:

THE BOARD OF TRUST OF THE NOVA SCOTIA  
CONFERENCE OF THE METHODIST CHURCH IN  
CANADA, a body corporate, and THE BOARD OF  
TRUSTEES OF THE PRESBYTERIAN CHURCH IN  
CANADA, EASTERN SECTION, a body corporate,  
hereinafter called the "Mortgagors" of the  
One Part,

- a n d -

THE BOARD OF GOVERNORS OF DALHOUSIE  
COLLEGE AT HALIFAX, a body corporate,  
hereinafter called the "Mortgagee" of the  
Other Part;

W H E R E A S the Mortgagor The Board of  
Trust of the Nova Scotia Conference of the Methodist Church  
is a body corporate duly incorporated by a Special Act of the  
Parliament of the Dominion of Canada, being Chapter 116 of  
the Statutes of Canada 1912, and as confirmed by Chapter 178  
of the Acts of the Legislature of Nova Scotia 1919;

AND WHEREAS the Mortgagor The Board of  
Trustees of the Presbyterian Church in Canada, Eastern Section  
is a body corporate duly incorporated by a special Act of the  
Legislature of Nova Scotia, being Chapter 212 of the Acts of  
Nova Scotia 1908;

AND WHEREAS the Mortgagors are the  
Trustees of the United Memorial Church situated at Kaye Street,  
Halifax aforesaid;



AND WHEREAS pursuant to all powers and authorities possessed by the said respective mortgagors, the said respective mortgagors desire to borrow together the sum of Forty Thousand Dollars, and this mortgage is executed for the purpose of securing the same;

AND WHEREAS all requisite and necessary by-laws and resolutions of the Trustees and members of the congregation of the United Memorial Church have been duly passed so as to make the borrowing and the execution of These Presents legal and valid:

NOW THEREFORE THIS INDENTURE WITNESSETH:

That the said Mortgagors for and in consideration of the <sup>sum of</sup> premises and of the Forty Thousand Dollars of lawful money of the Dominion of Canada to the said Mortgagors in hand well and truly paid by the said Mortgagee at or before the sealing and delivery of These Presents, the receipt whereof is hereby acknowledged, do grant, bargain, sell, alien, enfeoff, release, remise, convey and confirm unto the said Mortgagee, its successors and assigns - First, ALL that lot of land situate on Kaye Street in the City of Halifax aforesaid and being Lots 34, 35, 36, 61, 62 and 63 of a plan of sub-division of lands of Joseph Kaye on file in the Registry of Deeds' Office, more particularly described as follows: Beginning at a point on the North side of Kaye Street at the Southeast corner of property under description, said point being distant in a Westerly direction two hundred and twenty-one point seven (221.7) feet from the West side line of Albert Street; thence running Westerly along the said North side of Kaye Street one hundred and twenty (120) feet; thence Northerly one hundred and ninety-two (192) feet to a point on the South side of Young Street, said point being distant in a Westerly direction three hundred and forty (340) feet from the West side of Albert Street; thence Easterly along the South side of Young

Street one hundred and nineteen (119) feet to a point distant two hundred and twenty-one feet (231) from the West side of Albert Street; thence Southerly one hundred and ninety-one (191) feet to the place of beginning;

Second, Also, All that lot, piece or parcel of land situate, lying and being in the City of Halifax, being the Western part of lots thirty-seven and sixty of the subdivision of the Estate of Joseph Kaye lying between Kaye Street and Young Street, being more particularly described as follows:

Beginning at a point on the North side of Kaye Street distant two hundred and twenty-one feet more or less from the West side line of Albert Street measured in a Westerly direction, said point being marked at present by the Southeast corner of a concrete wall built along the Southern boundary of lots thirty-four and thirty-five and thirty-six of aforesaid subdivision; thence running northerly and parallel with Albert Street two hundred and ninety-three feet more or less to the South side line of Young Street; thence Easterly along the South side of Young Street twenty five feet; thence Southerly parallel with the first mentioned course two hundred and ninety-three feet more or less to the North side of Kaye Street; thence Westerly along the North side of Kaye Street twenty-five feet to the place of beginning, and the buildings, easements, hereditaments and appurtenances to the same belonging, and the reversions, remainders, rents, and profits thereof, and all the estate, right, title, interest, claim and demand of the said Mortgagors of, in, to or out of the same.

TO HAVE AND TO HOLD the said above granted and described land and premises, with the appurtenances unto and to the use of the said Mortgagee, its successors and assigns forever.

granted land and premises the sum of Forty Thousand Dollars of lawful money aforesaid in some good fire insurance office in Nova Scotia to be selected by and in the name and for the benefit of the said Mortgagee, its successors and assigns; and will deposit with it all policies and receipts for renewal premiums of such insurance. And in default thereof that the said Mortgagee, its successors and assigns shall and may, as required, effect, renew and continue such insurance and charge all payments made for or in respect thereof, with interest after the rate aforesaid upon the said mortgaged land and premises.

A N D it is agreed between the parties hereto that this Indenture and everything herein contained shall enure to the benefit of and be binding upon the parties hereto and their and each of their successors and assigns respectively.

IN WITNESS WHEREOF the said The Board of Trust of the Nova Scotia Conference of the Methodist Church in Canada has caused these presents to be executed by the hands of

*D. W. Johnson* its Chairman, and *Charles Bell* its Secretary, and at the same time its corporate seal affixed by *D. W. Johnson* its Chairman; and The Board of Trustees of the Presbyterian Church in Canada, Eastern Section, has caused these presents to be executed by *John McMillan* its Chairman, and *Thomas Stewart* its ~~Treasurer~~ <sup>Secretary</sup>, and at the same time its corporate seal affixed by *John McMillan* its Chairman, the day and year first above written.

SIGNED SEALED AND DELIVERED  
in the presence of,

*A. Munro,*

*John McMillan-Chairman*  
*Thomas Stewart-Secretary*

SIGNED SEALED AND DELIVERED  
in the presence of,

D. J. Bunnell

Board of Secret of Nova Scotia Council  
of Methodist Church in Canada  
Charles Tolliday

D. W. Johnson  
Chairman

PROVINCE OF NOVA SCOTIA.

COUNTY OF HALIFAX. S.S.

On this 23<sup>rd</sup> day of October, A.D., 1920, before me, the subscriber, personally came and appeared

*D. J. Bunnell* a subscribing witness to the foregoing Indenture, who, having been by me duly sworn, made oath and said that the said The Board of Trust of the Nova Scotia Church Conference of the Methodist/in Canada caused the Indenture to be executed by the hands of *D. W. Jahnson* its Chairman and *Charles Bell* its Secretary, and at the same time caused its corporate seal to be affixed thereto by the hand of its said Chairman in *his* presence.

*D. J. Bunnell*  
A Barrister of the Supreme  
Court of Nova Scotia.

PROVINCE OF NOVA SCOTIA.

COUNTY OF HALIFAX. S.S.

On this <sup>th</sup> 28 day of October, A.D., 1920, before  
me, the subscriber, personally came and appeared  
*J. Munro* a subscribing witness to the foregoing  
Indenture, who, having been by me duly sworn, made oath and  
said that the said The Board of Trustees of the Presbyterian  
Church in Canada, Eastern Section, caused the Indenture to be  
executed by the hands of *John McMillan*  
its Chairman and *Thomas Stewart* its Secretary,  
and at the same time caused its corporate seal to be affixed  
thereto by the hand of its said Chairman in her presence.

*John Dawson*

A Barrister of the Supreme Court  
of Nova Scotia.

I Certify that the within instrument having been duly proven on  
the certificates ~~of~~ *annexed*  
witness thereto was thereon registered in the Registry of Deeds,  
at Halifax, N. S. at 3-20 *P. M.* of the 29<sup>th</sup> day of Oct.  
A. D., 1920 in Libro 536 pages 35 — 40  
*G. Hunt*  
Deputy-Registrar of Deeds, County of Halifax.

Dated Oct. 23<sup>rd</sup> 1920

The Board of Trust of the Nova  
Scotia Conference etc and the  
Board of Trustees of the Presby. Ch.  
in Can. Eastern Sech

to  
The Board of Governors  
Dalhousie University

Mutgog

This is the original first three  
& Concluding pages of the Mutgog  
burned in United Memorial Church  
April 22<sup>nd</sup> 1948. These sections  
retained for purposes of record  
and to cut down the time re-  
quired for burning.

G.E.H.

Endorsed

Mutgog

By the Committee

3.20 PM  
Oct 29/20

Box 536



**SET OF  
CARILLON BELLS**

10 Bells — 1,807 - 247 lbs.  
in frame with  
Manual Lever Keyboard

United Memorial Church  
5350 Young Street  
Halifax, Nova Scotia  
Canada  
Tel. (902) 454-3400

**Kehn's Bell Service**  
94 WEST STREET  
GREEN ISLAND 2, TROY, N. Y.

Church Bells  
Sales  
Service  
Repairs  
Inspections

Kehn Family in Bell Craftsmanship  
with Meneelys for over 150 years

Automatic Bell Ringing  
Electrifications  
Electronic Bells  
Tower Clocks  
Chimes

United Memorial Church,  
983 Gottingen Street,  
Halifax, Nova Scotia

August 25, 1958

Gentlemen;

Under separate cover we have mailed you the Three Chime Springs which you requested in your letter of July 15th.

Enclosed is the invoice covering same.

Since the Meneely Bell Co. ceased operations, my brother Chester and I have been conducting the various phases of the bell business. The Meneelys suspended operations about eight years ago.

We do not have any regular price list for the parts of a Chime as we usually do the repair work on them. However, as Halifax is quite a distance from Troy, we may be able to supply you with the necessary parts to put the bells in ringing order.

One of the main factors for the good care of a chime is to lubricate all moving parts at least twice a year. Any good grade of #10 motor oil makes the best lubricant.

If you can let us know how much pulley chain, wire, etc., you need we can furnish you with an estimate for these parts. If new console straps are required, let us know the lengths of them.

You may be interested to know that my Father, the late Edward L. Kehn supervised the installation of the Chime in June 1921. The Chime consists of Ten Bells the Largest weighing 1807 lbs. and the smallest 247 lbs.

The replacement value of a Chime of this calibre at todays prices would be about \$21,000.00.

Sometimes this is good to know for insurance appraisal purposes.

Very truly yours,

*Edward W. Kehn*  
Edward W. Kehn.



FIG. 1

# IMPORTANT NOTICE

*The following suggestions should be frequently and carefully followed in order to obtain the best results from your chime.*

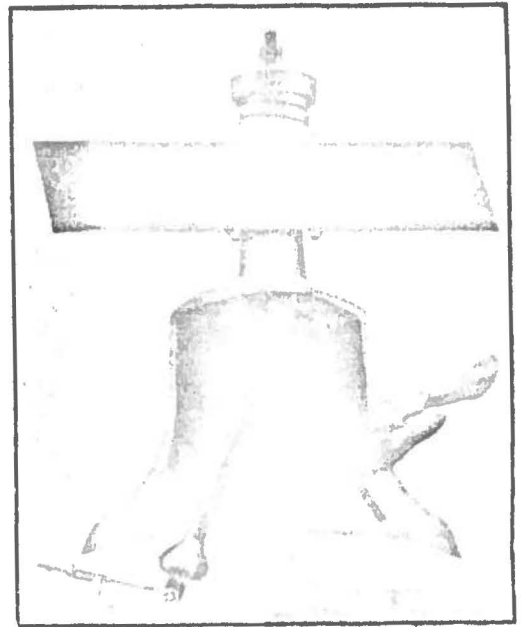


FIG. 2

## RINGING ADJUSTMENTS

The levers of the ringing case should have a dip of 5 inches – no more – which should be uniform. This adjustment is made by the straps.

When the levers are held firmly down the clappers should be  $\frac{1}{4}$  of an inch away from the bells. This adjustment (Fig. 1) is made by the turnbuckles located near the clappers *or* on top of the connecting rods beneath the housing. It is essential that this be carefully made in order to permit ease of ringing and to bring the correct tones from the bells. Also see that the cotter pins are replaced through the threads of the turnbuckles.

If there is too much tension on the levers, the springs inside of the bells should be adjusted. This is done by loosening the setscrews which bind the blocks to the tails of the riggings inside the bells and sliding the blocks up a trifle (Fig. 2). If not enough tension, slide the blocks down. Do not move blocks over  $\frac{1}{2}$  inch without trying the action. Retighten the set screws with the wrench provided.

It will take two to make the adjustments described above; the operator at the levers and the person doing the adjusting in the belfry.

## GENERAL CARE OF ACTION

The threads of turnbuckles should be well covered at all times with vaseline or auto grease.

Occasionally, oil the bolts by which the clappers are fastened in the bells; also, the pulleys over which the chains pass and bolts which the action levers work on.

## TOP SPRINGS

The large springs on top of frame (Fig. 2) through which pass the supporting bolts of the bells should be kept well drawn down. The purpose of these springs is to take up the slack which will occur as the timbers shrink. Every bell must be kept rigid in order to sound properly.

## GENERAL CARE OF FRAME

See that ALL bolts and lagscrews are kept well tightened. Repaint the woodwork occasionally to preserve it, removing any paint which drops on the bells.

SPECIAL ATTENTION must be paid to the connection of the chiming hammer if there is a swinging bell. This must *always* be *unhooked* when the chime is not in use. Unhook the snap between the strap and end of rod and let the rod up as far as it will go. **TO ATTEMPT TO SWING THE BELL WITHOUT UNHOOKING THE LEVER MEANS A BENT TOLLING HAMMER OR WORSE.** Should this occur, the hammer must be straightened by a blacksmith before the chime is again used. Occasionally, *examine this hammer to see if it is bent.*

See that no ladders, timbers or other articles rest against the bells, as the bells must be perfectly free to vibrate properly.

Straps, springs, chains and other parts can be promptly supplied.

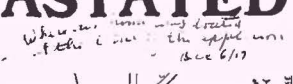
**MENEELY BELL CO.**

TROY, N. Y.



While the [redacted] was located  
the [redacted] the apple was  
[redacted] Dec 6/17

1 || y/



THIS map shows clearly just what parts of Halifax were effected by the explosion, December 6, 1917. The Narrows form the passageway from the main harbour to the inner harbour, which is known as Bedford Basin. It was in the Narrows that the explosion occurred. The devastated Area extends from North Street north to Africville, and west to Robie Street. The North End became a burning ruin and all buildings as far west as Gottingen Street were completely demolished. Most of the buildings from Gottingen to Robie Street were burned and all were rendered unfit for occupancy. Buildings over the entire city as shown in map were wrecked and hardly a window remained intact. All plate glass in business section was broken.

(By Courtesy of A. S. BARNSTEAD)

(By Courtesy of A. S. BARNSTEAD)

- [illegible]