5-39040 1895. Patent No 552, 116 Claude H. Gaskins Shamoskin Pennsylvania Invention . Stringed Ulusical Instruments Petition Feb 20 - , 189 5 Affidavit 4 4 Specification 4 4 Drawing Marguired. First Fee Cash 15. Feb 70-95-App. filed Complete Feb 20 - 95 Examined June 4.95 AV Blandy Jely Countersigned: The Counter of Allowance Lune, 189 5. Final Fee Cash 18 20 Lee 7, 1895. " " Certy Cember 3 , 189 .
Patented Alcember 3 , 189

1895. M

2 Application 1. March / A. x 50 10. 11. 12. 13. 14 15. 16. 17. 18. 19. 20. 21. 22. 23 Musical Instruments.

(151-A-35,000.)

Louis Bagger.

LOUIS BAGGER & CO.,

Solicitors of American and Foreign Lakenks,

AND

ATTORNEYS AND COUNSELLORS AT LAW,

Office: Le Droit Building, opposite Main Entrance to U. S. Patent Office, WASHINGTON, D. C.

APPLICATION FOR LETTERS PATENT.

I.—PETITION AND POWER OF ATTORNEY.

To the Honorable Commissioner of Patents:

on the Sentement Commissioner or America.
Sir: 0, 1, 0, 0,
Your Petitioner, Claude H. Gaskins
resident of Chamokin, Pennsylvania,
pray & that Letters Patent may be granted to him
pray A treat Better of Lateret many of g. arrived
for the improvement in Stringed Musical Instruments
set forth in the annexed specification; vesting in him and his legal
representatives, the exclusive right of the same, upon the terms and conditions ex-
pressed in the act of Congress in that case made and provided.
And further pray & that you will recognize LOUIS BAGGER and AUGUST
PETERSON, constituting the firm of LOUIS BAGGER & CO., of Washing-
TETERSON, Consequences the form of models and the control of manners

PETERSON, constituting the firm of LOUIS BAGGER & CO., of Washington, D. C., as Attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the Patent, and transact all business in the Patent Office connected therewith.

Claude Ha Gaskius

Mar.

II.—SPECIFICATION.

To all whom it may concern:
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Be it known, that I blande A Gaskins, a
Be it known, that I caude I survive, w
sitizen of the United States and resident of
project of the Content states
Shambkin in the country of Northumberland
and state of Pennsylvania, have invented certain new and useful
improvements in Stringed Musical Instruments
improvements in Society (17000000000000000000000000000000000000
and do hereby declare that the following is a full, clear and exact descrip-
tion thereof, which will enable others skilled in the art to which it appertains to make
1 11 constant to the state of t
and use the same; reference being had to the accompanying drawings, which form
a part of this specification, and in which:
a part of this specification, who was wreen,

My invention relates to improvements in stringed musical instruments, which in some degree combines the characteristics of a mandolin and a harp, and which I term a mandolin-harp.

The object of the invention is to provide a musical instrument of the above character in which the volume of sound will be increased, greater strength be imparted to the structure and the tone and quality of the instrument be improved.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawing

Figure 1 is a top or plan view of a mandolin-harp constructed in accordance with my invention

Figure 2 is a similar view, the sounding board being removed, showing the rim, the neck and the head being made integral in one piece.

Figure 3 is a cross section on the line x-x, Figure 1; showing the perforated braces for strengthening the instrument.

In the said drawing, the reference-numeral 1 designates
the body and 2 a curved extension and prolongation on the left or upper side thereof. 3 the neck provided

with the usual finger-board 4, frets 5, head 6, and keys 7.

The numeral 8 designates the tail piece; 9, the bridge.

In constructing the instrument, I proceed as follows:

I first saw, or otherwise produce out of a suitable piece or block of wood the finger board 4, head 7, and the rim consisting of two sections 12 and 13, all of which are made integral with each other.

The said rim sections extend from the left upper end of the head, rearwardly therefrom to form the extension 2 and body 1, the said rim following the configuration shown in the drawing, forming the curved front partial and depresions 16 and 17, the latter of which forms a support for the instrument resting upon the kneef of the player. The bottom 18, and sounding board have their edges curved to conform to the configuration of the rim, and are secured The sounding board at a point in front thereto, as usual. of the bridge, and also in the extension or prolongation, being formed integral with the head, is formed with sound openings, 19. The neck is secured to the curved front of the body in the musual manner, and the head being formed integral with the rim sections, the neck is braced and strengthened, there being no liability of its breaking at its point of junction with the body which is always the weakest point in instruments of this character or description.

braces 20, consisting of thin strips of wood formed with perforations 24 so as not to obstruct the sound waves.

June 1/95

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By forming the body with the extension or prolongation, as described, the volume of sound is increased, and the tone of the instrument improved in quality. The neck, head, and rim, being made in a single piece or integral, the instrument is greatly strengthened, whereby it is rendered more durable in use.

Having thus fully described my invention, what I claim is:

described, the combination with the body, of the curved exwch 26/95 tension or prolongation thereof, having a sound opening
therein, substantially as described.

- 2. In a stringed musical instrument the combination with the body and the neck and head connected therewith, of the curved extension or prolongation having a sound opening therein and its front end connected with said head, substantially as described.
- 3. In a stringed musical instrument of the character described, the combination with the body, and the extension or prolongation thereof, of the neck, the head and the rim all made integral or in one piece, substantially as described.
- 4. In a musical instrument of the character described, the combination with the body, and the prolongation and extension thereof, of the perforated braces, substantially as described.

A
IN TESTIMONY that claim the foregoing as my own
have hereunto affixed my signature in presence of two witnesses.
Carde H. Laskus
Two Witnesses Caron States Of Mishesses
= willfult / clupe in
III.—OATH.
Destrict of Columbia
STATE OF Gennsulvania
City of Hashington 88:
COUNTY OF Northumberland
Claude H. Gaskins
the above named petitioner, citizen of the United States and resident of
Sharrokin in the County of Northumbertand and State of
Pennsylvania being duly sworn (affirmed,) depose Land say Sthat he
verily believes himself to be the original, first and sole inventor of
the improvement in Stringed Musical Instruments,
described and elaimed in the foresting Specification, that the care has not been
described and claimed in the foregoing Specification; that the same has not been
patented to himself or to others, with his knowledge or consent, in
any country
that the same has not to his knowledge been in public use or on sale in the United
States for more than two years prior to this application, and he does not know
and do sonot believe that the same was ever before known or used prior to his inven-
tion thereof.
Inventor's full lande 26. Gaskins
Inventor's full name.
Sworn to and subscribed before me, this \\ day of \annan A. D. 1895
SEAL & durand Steel in look
CERTIFICATE Signature of Notary.
ABSOLUTELY notary Rublie
NECESSARY. [Official character.]
NECESSARY. Official character.

READ THE FOLLOWING DIRECTIONS.

In executing these documents, all names must be written out in full, in a PLAIN, LEGIBLE HAND; no abbreviations are permitted. Sign the names just over the places indicated in fine print. The OATH is administered, in the United States, by a Notary Public or Justice of the Peace, who must affix his official signature and seal, or, if he has none, a certificate of the Clerk of the County Court that he is duly qualified to administer oaths, must accompany the papers. If the inventor resides in, or is a citizen of, the Dominion of Canada, only a Notary Public and Not a Justice of the Peace, can administer the oath.

The papers, as soon as properly signed and executed, should be returned at once to

LOUIS BAGGER & CO.,

Solicitors of Patents, Le Droit Building, Washington, D. C.

APPLICATION,
Filed Feb. 20" 1895.

6. H. Gashin

In the U. S. Patent Office.

IN THE ATTER OF THE

Blande A. Caskins

Shannokin, of

Cennaghania

For Letter's Patent for

Improvements in Stringed Austruments.

Petition, Oath, Specification and Power of Attorney.

FILED BY

Attorneys and Solicitors of Patents,

Orrice, Le Daoir Suicoire.

Opposite Main Entrance to U. S. Patent Office,

WASHINGTON, D. C.

Printed by Louis Bagger & Co., Solicitors of Patents, Washington, D. C.



DEPARTMENT OF THE INTERIOR,

₩ MAR 14 1898

A.E.W.

United States Patent Narch 12, 1895.

Claude Il. Gaskins,

Stringed Musical Instru-

% L. Bagger & Co.,

ments.

City.

Feb. 80, 1895. 539,040.

217

Claims 1 and 2 are rejected on the patent to Birrer, #518,775, April 24, 1894, (Music: Banjos & Guitars).

Claim 3 is rejected upon the same, and the patent to Gregory, #500,231, June 27, 1893, (same class).

Claim 4 is rejected on the patent to Birrer, and on that to Durand, #72,824, Dec. 31, 1867, (Music: Harps).

Banky ask

Charley Lane,

Examiner.

Serial No. 53 7040 Paper No. /

REJECTION,

Dated Ruar, 14, 1895.

Hig: I Fig. 2. 0 0 3 13 14 1 # 21 21 18 21 Franck L. Ourand ClaudeH. Gaskins Mans Dagger He Jos L. levombs

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Serial No.539040 Paper No. Blue Print Filed Mar. 20" 1895 O. H. Gaskins U. S. PATENT OFFICE, MAR 20 1895 DIVISION V.

MAR 20 1295 Cost.....

OFFICE OF LOUIS BAGGER & CO.,

SOLIGITORS OF PATENTS AND COUNSELLORS AT LIAW,

LE DROIT BUILDING, OPPOSITE U. S. PATENT OFFICE.

Room 217

Washington, D. C., Mar. 25 1895,

Co. do. Jacknis

Filed

Pel. 20 189 J.

Imp't in Stringed Musical Instru- Ser. No. 539. 040.

To the Honozable Commissioner of Latents:

Siz:-In the matter of the above-entitled application for Letters

Patent, we hereby respectfully amend the specification as follows:

Grace the claims and visut

Sut. B. april 15/95

the combination with the body formed with a convent appening entension, with a sound opening intermedian is ends, of the neck seems to said body and this tapened end of the sestension, privided with full and with appendix of the sestension, privided with full and with appendix to neever the string pure, south amulially as described.

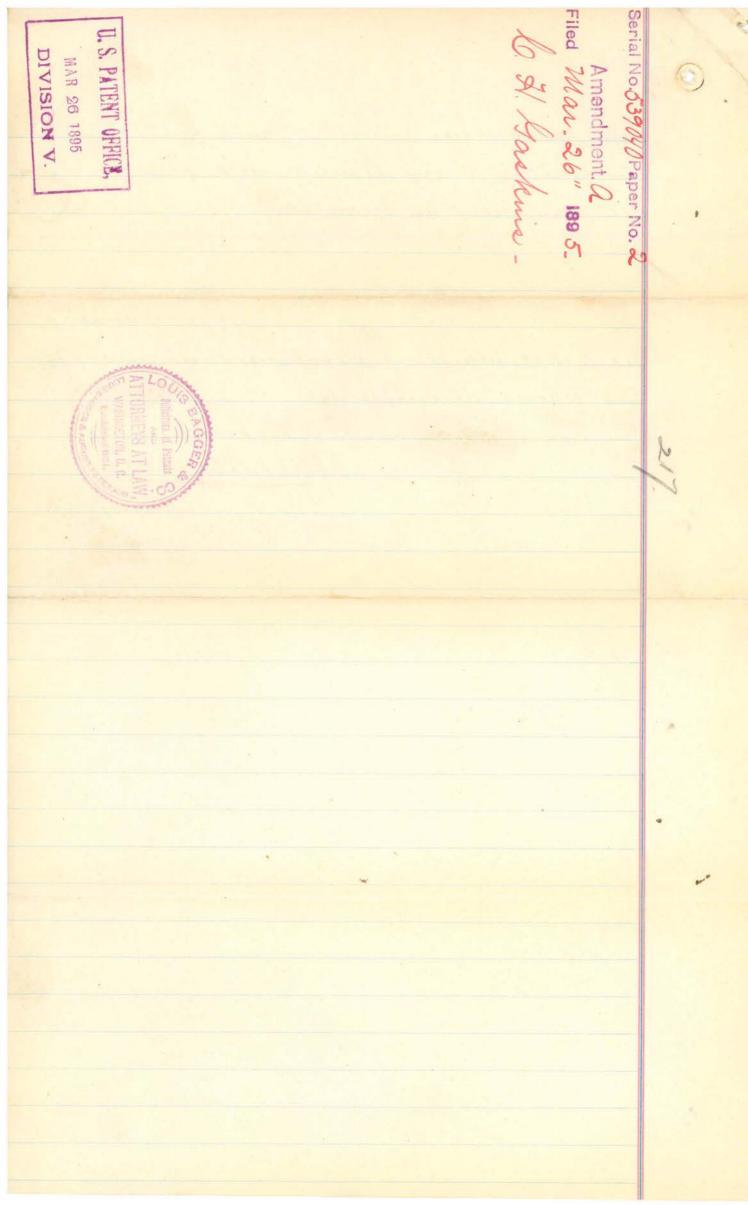
Le Lu a stringed invasical nistrument, the combination with the meets
formed with feels and apertures, the body
runs and the enved and tapering eotension runs taper terminating at
the front or outer end of the neets and
all made integral with each ordered,
the top provided with each ordered,

and the bottom seemed to said runis, and, the series of braces formed with perforations, substantially as described."

Ché above aucudment.

Westers Bayurla

loss Sarkins



All communications should be addressed to "The Commissioner of Patents, Washington, D. C."

DEPARTMENT OF THE INTERIOR,

₩ APR 2 1895

A.E.W.

United States Patent Of

April 2, 1895.

Claude H. Gaskins,

%o L. Bagger & Co.,

City.

for "Stringed Musical Instruments", filed Feb. 20, 1895, #539.040.

Case reconsidered as amended the 26th ultimo.

The claims are deemed to be devoid of patentable novelty in view of the state of the art as indicated by the references. The mere location of the sound hole to the best advantage is a matter too obvious to constitute more than the exercise of ordinary judgment. The neck piece with apertures for tuning pegs and frets is but that of the ordinary guitar.

The claims are rejected.

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REJECTION:

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the new location of the sound hole to the best nevertide

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AND DESCRIPTION OF THE PARTY OF

OFFICE OF LOUIS BAGGER & CO.,

Solicinors of Patents and Counsellors at Law,

LE DROIT BUILDING, OPPOSITE U. S. PATENT OFFICE.

Room 217

Washington, D. C., april 12 1895,

Claude H. Gaskins

Filed

Felo. 20 1890.

Imo't in tringed Musical Instrument Ser. No. 539.040.

To the Honozable Commissioner of Ratents:

Siz: In the matter of the above-entitled application for Letters

Patent, we hereby respectfully amend the specification as follows:

Exase the claims and insuf-

73. Canceled april 30/95

"I. On a stringed musical instrument, the combination with the body formed with a emed tapering extension wit a round opening intermediate its ends, of the neck united with paid body and wit the tapered end of said extension, provided with apextures intermediate the end of said notension and the body, to receive the string pois, substantially as described.

2. In a struiged musical instrument, the combination with the curved body run, the consed and tapening extension rine, and the neck, united with said body runi and with made integral throwith the contracted end of the said extension, and formed with apertures uitensediate said contracted end) and the body mini, to) receive I the string Keys, of the bottom occured to

said runis, the top recured to said runis provided with round openings, and the series of braces extending transversely across the instrument, and formed with round openings, substantially as described."

Oreconsideration and allowance are requested in new of the above amendment and of the personal inter-

Respersey Baggutto
augitto
Claudo M. Garkins

irial No. 539140 Paper No. 4
Amendment B.
1ed Noul 15 1805
16. St. Hashin U. S. PATENT OFFICE, DIVISION V. APR 15 1895 08

217.

All communications should be addressed to
"The Commissioner of Patents,
Washington, D. C."

DEPARTMENT OF THE INTERIOR

₩ APR 26 1895

A.E.W.

United Ptates Patent Office, 185

Claude H. Gaskins,

% L. Bagger & Co.,

City.

#539,040, filed Feb. 20, 1895, for "Stringed Musical Instruments".

Case examined as amended the 15th instant.

Claim 1 is deemed to involve no patentable novelty

over the references of record, and must accordingly be rejected.

Examiner.

Serial No 537040 Paper No. 5

ated Grid 16

Gaskin

Towns alderests our externs of compatible cases.

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OFFICE OF LOUIS BAGGER & CO.,

SOLIGITORS OF PATENTS AND COUNSELLORS AT LAW,

LE DROIT BUILDING, OPPOSITE U. S. PATENT OFFICE.

Room 217

Washington, D. C., april 27 1895, Imp't in Otanique Musical Pretruments Ser. No. 539.040 To the Honorable Commissioner of Patents: Siz: In the matter of the above-entitled application for Letters Patent, we hereby respectfully amend the specification as follows: Exasi dani 1. clami having been eraied allowance is Ro Claude N. Jacknis

Serial No. 539140Paper No. 6 U. S. PATENT OFFICE, Amendment -DIVISION V. APR 80 1895

All communications should be addressed to
"The Commissioner of Patchts,
Washington, D. C."

DEPARTMENT OF THE INTERIOR,

United States Patent Office, N.E.K.

Claude H. Gaskins,

c/o L.Bagger & Co..

City.



#539,040; filed Peb. 20,1895; for "Stringed Musical Instruments".

This case has been reconsidered as amended the 30th ultimo.

The claim may be allowed, but the specification needs correction in the following matters:

As indicated in Fig. 2, it is the neck 3, not the finger-board, which is made integral with the other parts, as stated in the second paragraph of page 3. In the third paragraph of page 3 it is stated that "the neck is secured to the curved front of the body in the usual manner", while on page 4 it is stated that the neck, head and rim are "made in a single piece or integral". Correction is accordingly necessary.

Plandy 1 asp

Examiner.

rial No.539040 Paper No. 7

LETTER,

Dated, May 14 1895

A.

.

OFFICE OF LOUIS BAGGER & CO.,

Soliginors of Pamenus and Counsellors an Liaw,

LE DROIT BUILDING, OPPOSITE U. S. PATENT OFFICE.

Room 217

Washington, D. C., May 31 1895,

C. H. Gaskins

Filed

Tel. 20 189 J.

Imp't in Stringed Musical Instruments Ser. No. 539.040.

To the Honozable Commissioner of Ratents:

Siz: In the matter of the above-entitled application for Letters

Tatent, we hereby respectfully amend the specification as follows:

and viset "need 3"

Line 7. page 3, erase "with each other "

Exace beginning with "is pecused" line 18, page 3, and ending with "neek" line 21, Dame page, and wrent — "being formed with grad with the head and body"

Reconcideration

and allowance are requested in view of the above amendments.

Repressured hours Bagget lo aurif for 6. Ho. Garrins

Filed Jumendment.
C. 3) L 1895 Serial No. 53904 OPaper No. 8 U. S. PATENT OFFICE, DIVISION V. HIN 1 1895

(2-024.)Issue Division. All communications should be addressed to "The Commissioner of Patents, DEPARTMENT OF THE INTERIOR. Washington, D. C." .., 189 Filed (The final fee, Twenty Dollars, must be paid, and the Letters Patent bear date as of a day not later than SIX MONTHS from the time of this present notice of allowance.

, has been examined and ALLOWED.

If the final fee is not paid within that period the patent will be withheld, and your only relief will be by a renewal of the application, with additional fees, under the provisions of Section 4897, Revised Statutes. The Office aims to deliver patents upon the day of their date, and on which their term begins to run; but to do this properly applicants will be expected to pay their final fees at least TWENTY DAYS prior to the conclusion of the six months blowed them by law. The printing, photolithographing, and engrossing of the several patent parts, proparatory to final signing and sealing, will consume the intervening time, and such work will not be done until after payment of the necessary fees.

When you send the final fee you will also send, DISTINCTLY AND PLAINLY WRITTEN, the name of the INVENTOR and TITLE OF INVENTION AS ABOVE GIVEN, DATE OF ALLOWANCE (which is the date of this circular), DATE OF FILING, and, if assigned, the NAMES OF THE ASSIGNEES.

If you desire to have the patent issue to ASSIGNEES, an assignment containing a REQUEST to that effect, together with the FEE for recording the same, must be filed in this Office on or before the date of payment of final fee.

Additional copies of Specifications and Drawings will be charged for at the following rates:

Copies, uncertified, 10 cents each. The money should accompany the order.

Very respectfully,

his. Eymon

Commissioner of Patents.

After allowance, and prior to payment of the final fee, applicants should carefully scrutinize the description to see that their statements and language are correct, as mistakes not incurred through the fault of the office, and not affording legal grounds for reissues, will not be corrected after the delivery of the letters patent to the patentee or his agent.

Should you desire a change in the The within title is that given by the Examiner in charge, as most appropriate to your invention.

and Gazette Division. communications should be addressed to DEPARTMENT OF THE INTERIOR. "The Commissioner of Patents, Washington. D. C." SIR: application for a patent for an IMPROVEMENT IN Musical Instrume and again ALLOWED. The final fee, TWENTY DOLLARS, in the above-entitled case

was received ...

Very respectfully,

Johns. Eymon

Commissioner of Patents.

MEMORANDUM

FEE PAID AT U S. PATENT OFFICE.

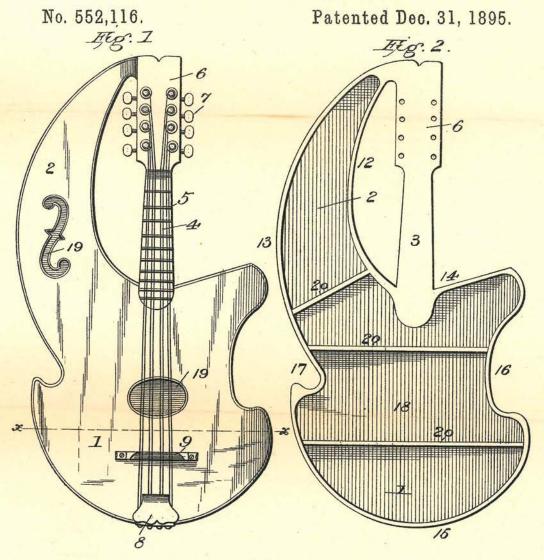
(Be careful to give correct Serial No.) Serial No. 539.040, 1893.
INVENTOR: lande & PATENT TO BE ISSUED TO NAME OF INVENTION, AS ALLOWED: inged Musical Es DATE OF PAYMENT: DATE OF FILING: DATE OF CIRCULAR OF ALLOWANCE: June 7, 1895. will please apply the The Commissioner of accompanying fee a Thi Delicated a SEND PATENT TO



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(No Model.)

C. H. GASKINS. STRINGED MUSICAL INSTRUMENT.



Tig: 3.

Franck L. Ourand.

Claude H. Gaskins Claude H. Gaskins Morneys.

UNITED STATES PATENT OFFICE.

CLAUDE H. GASKINS, OF SHAMOKIN, PENNSYLVANIA.

STRINGED MUSICAL INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 552,116, dated December 31, 1895.

Application filed February 20, 1895. Serial No. 539,040. (No model.)

To all whom it may concern.

Be it known that I, CLAUDE H. GASKINS, a citizen of the United States, and a resident of Shamokin, in the county of Northumberland and State of Pennsylvania, have invented certain new and useful Improvements in Stringed Musical Instruments; and I do hereby declare that the following is a full, clear, and exact description of the invention, 10 which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in stringed musical instruments, which in some degree combines the characteristics of a mandolin and a harp, and which I term a "mandolin-harp."

The object of the invention is to provide a musical instrument of the above character in which the volume of sound will be increased, greater strength be imparted to the structure, and the tone and quality of the instrument 25 be improved.

The invention consists in the novel construction and combination of parts hereinaf-

ter fully described and claimed.

In the accompanying drawings, Figure 1 is 30 a top or plan view of a mandolin-harp constructed in accordance with my invention. Fig. 2 is a similar view, the sounding-board being removed, showing the rim, the neck and the head being made integral in one 35 piece. Fig. 3 is a cross-section on the line x x, Fig. 1, showing the perforated braces for

strengthening the instrument.

In the said drawings, the reference-numeral 1 designates the body and 2 a curved 40 extension or prolongation on the left or upper side thereof; 3, the neck provided with the usual finger-board 4, frets 5, head 6, and keys 7.

The numeral 8 designates the tail-piece; 9,

45 the bridge.

In constructing the instrument, I proceed as follows: I first saw or otherwise produce out of a suitable piece or block of wood the neck 3, head 6, and the rim consisting of two 50 sections 12 and 13, all of which are made integral. The said rim-sections extend from the left-hand upper end of the head, rearwardly

therefrom, to form the extension 2 and body 1, the said rim following the configuration shown in the drawings, forming the curved 55 front 14, rear portion 15 and side depressions 16 and 17, the latter of which forms a support for the instrument resting upon the knee The bottom 18 and soundingof the player. board have their edges curved to conform to 60 the configuration of the rim, and are secured thereto, as usual. The sounding-board at a point in front of the bridge, and also in the extension or prolongation, is formed with sound-openings 19. The neck, being formed 65 integral with the head and body, is braced and strengthened, there being no liability of its breaking at its point of junction with the body, which is always the weakest point in instruments of this character or description. 70

Located at suitable points in the body and extension are braces 20, consisting of thin strips of wood formed with perforations 21, so as not to obstruct the sound-waves.

By forming the body with the extension or 75 prolongation, as described, the volume of sound is increased and the tone of the in-strument improved in quality. The neck, head, and rim, being made in a single piece or integral, the instrument is greatly strength- 80 ened, whereby it is rendered more durable in use.

Having thus fully described my invention, what I claim is-

In a stringed musical instrument, the com- 85 bination with the curved body rim, the curved and tapering extension rim, and the neck, united with said body rim and with the contracted end of the said extension made integral therewith and formed with apertures in- 90 termediate said contracted end, and the body rim, to receive the string keys, of the bottom secured to said rims, the top secured to said rims provided with sound openings, and the series of braces extending transversely across 95 the instrument and formed with sound openings, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CLAUDE H. GASKINS.

Witnesses:

P. J. HORIGHTON, AUGUST PETERSON.