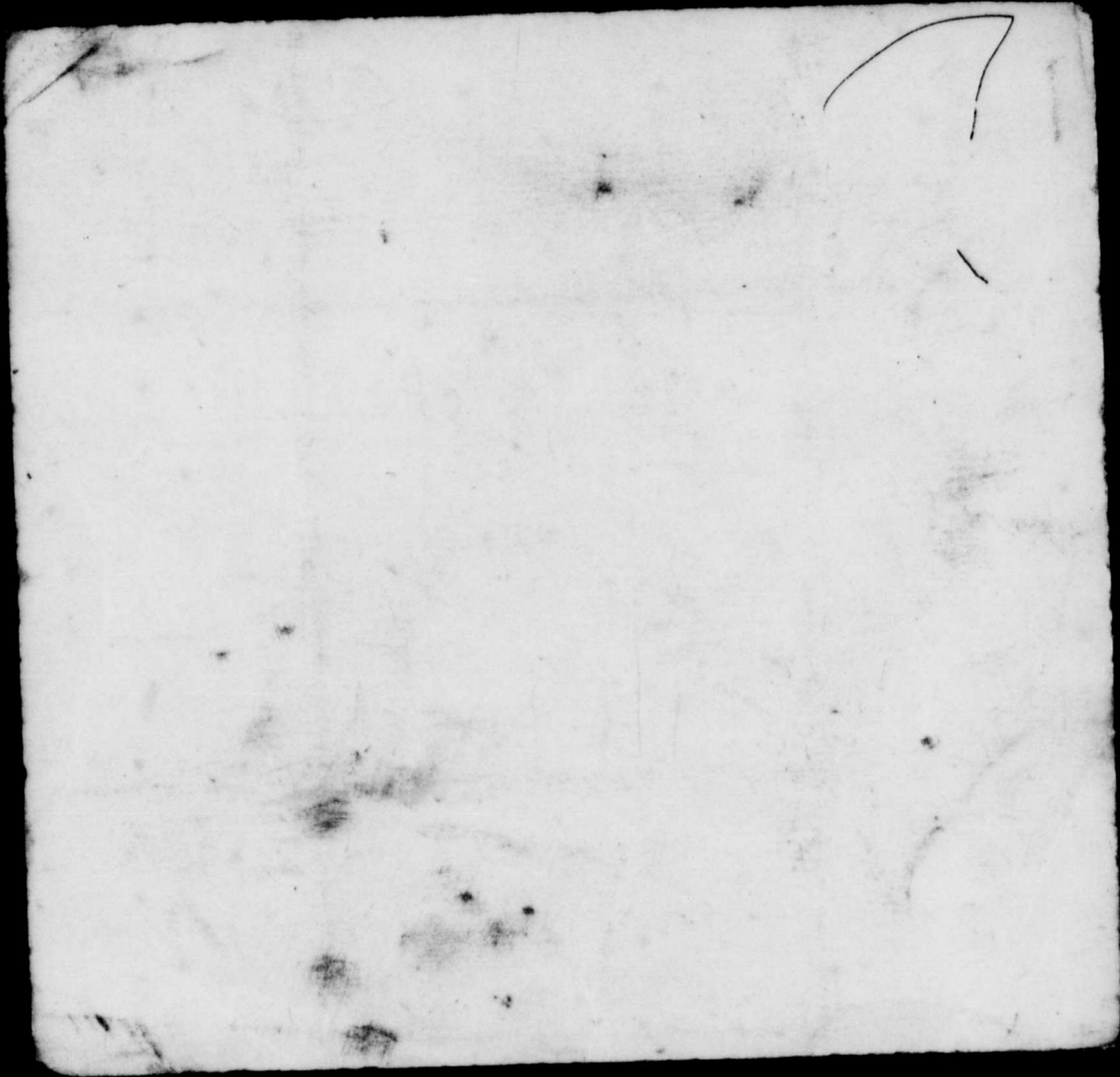


**START**

**DÉBUT**

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR-COPY



POOR-COPY

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**



**PUBLIC ARCHIVES  
OF CANADA**

**ARCHIVES PUBLIQUES  
DU CANADA**

This microfilm is a true copy of original documentation in the Public Archives of Canada. It is provided for research purposes only. Permission to reproduce it must be obtained from the Public Archives of Canada. Responsibility regarding questions of copyright that may arise in the use of this microfilm is assumed by the recipient.

Ce microfilm est une copie exacte de documents conservés aux Archives publiques du Canada. Elle a été préparée pour fins de recherche seulement et ne peut être reproduite sans la permission des Archives publiques du Canada. Le récipiendaire sera tenu responsable de toute infraction au droit de propriété de ce document.

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR-COPY



**MICROFILMED**  
BY  
CENTRAL MICROFILM UNIT  
**PUBLIC ARCHIVES**  
OF  
**CANADA**  
OTTAWA, ONTARIO

**MICROFILMÉ**  
PAR LE  
SERVICE CENTRAL DU MICROFILM  
**ARCHIVES PUBLIQUES**  
DU  
**CANADA**  
OTTAWA, ONTARIO

DATE *June 6/75* REDUCTION *26.5*

OPERATOR *J. Momy* EXPOSURE  
OPERATEUR *J. Momy* EXPOSITION *80*

**PUBLIC ARCHIVES**  
**ARCHIVES PUBLIQUES**  
**CANADA**

*POOR COPY*

Roll - 83 B

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY

Indian Affairs  
School Files

(RG 10, Volume 6453)

File 884-5, part 2 Kootenay Agency - Kootenay Residential School -  
Building Maintenance-Supplies-Accounts.  
1924 - 1930

File 884-5, part 3 Kootenay Agency - Kootenay Residential School -  
Building Maintenance-Supplies-Accounts. (reports)  
1930 - 1931

File 884-5, part 4 Kootenay Agency - Kootenay Residential School -  
Building Maintenance-Supplies-Accounts.  
1931 - 1936

File 884-5, part 5 Kootenay Agency - Kootenay Residential School -  
Building Maintenance-Supplies-Accounts.  
1936 - 1941

File 884-5, part 6 Kootenay Agency - Kootenay Residential School -  
Building Maintenance-Supplies-Accounts.  
1941 - 1944

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES**  
**ARCHIVES PUBLIQUES**  
**CANADA**

OR-COPY

C O P Y

Orig. on.... 109-1-5.

Ottawa, April 10, 1931.

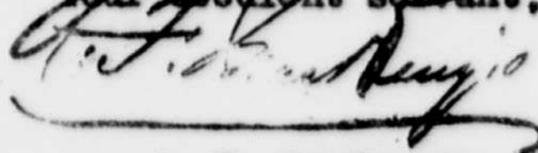
Reverend Sir:

The Department wishes to arrange for the shipment of the electric battery, which is now surplus at the Duck Lake Indian Residential School, to one of our institutions in British Columbia, where a battery is now urgently required. Will you please employ Mr. William Urton, of Duck Lake, to assist your engineer and to properly prepare and pack the battery for shipment. This preparation and packing should be done carefully, otherwise the railway will not accept storage batteries. I understand they have to be crated in a certain manner. This battery should be addressed, freight prepaid, to,

Rev. J. M. Patterson, O. M. I.,  
Principal,  
Kootenay Indian Residential  
School,  
Cranbrook, B. C.

In due course, please forward a certified account, in duplicate, covering Mr. Urton's services, and you may forward a voucher, in duplicate, in favour of yourself, for the freight charges. The freight receipt, of course, should be attached.

Your obedient servant,



A. F. MacKenzie,  
Secretary.

Rev. H. Delmas, O.M.I.,  
Principal,  
Indian Residential School,  
Duck Lake, Sask.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

copy

Ottawa, April 10, 1931.

Sir:

I have to inform you that the Department is writing to the Reverend Principal of the Duck Lake Indian Residential School, at Duck Lake, Sask., asking him to prepare, crate and ship to Rev. Father J. M. Patterson, O.M.I., Principal, Kootenay Indian Residential School, Cranbrook, B. C., a complete set of electric storage batteries. These will be used to supplement the ones at present in use at the Kootenay Indian Residential School. Please inform the Rev. Principal, and, after the batteries have been received and installed at the school, let me have a report.

Your obedient servant,



A. F. MacKenzie,  
Secretary.



F. S. Ryekman, Esq.,  
Indian Agent,  
Cranbrook, B. C.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

R. Coff

Telephone 524

P.O. Box 696

CRANBROOK, B. C.,

Mar 23

1931

M

Department of Indian Affairs

St. Eugene's Mission School Repairs at Kootenay Residential School

BOUGHT OF

# Modern Electric and Repair Shop

WIRING  
CONTRACTS

ELECTRICAL  
SUPPLIES

JOHN A. WARD

The R. J. Lovell Co., Ltd., Mfg. Stationers, Toronto, 13059

Date	ARTICLES	Folio	Credit	Debit	Total
1930					
Aug 26	50 2 Hot Shot-Batteries @ 3.00			6.00	
	Wire & Taps 120 Labor & transportation 5.00			6.20	
Sept 8	7 Hour labor on Lighting Plant - 7.00			7.00	
	Colors & Lamps 120 Cont. Hrs 60 Socket 40			2.20	
	1-50 Wall-32vt Lamp 35 PC Socket 60			.95	
Oct 3	1-2 Way Socket			.35	
Dec 23	1 Cont-Lamp 20 Lamp Cord 125 Socket 40			1.85	
	1 Plug 25 Labor 4.00			4.25	
1931					
Jan 8	3-15 wall lamps Cord 85 1-60 W Lamp 30			1.15	
	6-30 Amp Cont Lamps			.90	
Mar 21	3-25 W Bulbs			.75	31.60

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR COPY





Letter No.....

Office of the..... Kootenay..... Indian Agency,  
Cranbrook, B.C.,  
March 28, 1931...... 19.....

Sir,

I enclose herewith Vouchers Nos. 480.....  
amounting to \$ 31.60..... in favour  
of..... Modern Electric, Cranbrook, B.C.,.....  
for..... Electrical repairs for Kootenay Indian.....  
Residential School.

This expenditure was authorized by Departmental

Letter No..... dated.....

Your obedient servant,

*F. S. Ryckman*  
F. S. Ryckman,  
Constable - Farm Instructor,  
In charge Kootenay Indian Agency.  
Indian Agent.

*Schoppe*  
*[Signature]*

The Secretary,  
Department of Indian Affairs,  
Ottawa.

Form No. 101

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY

DEPARTMENT OF INDIAN AFFAIRS  
CANADA



155-0-5

OFFICE OF  
INDIAN AGENT



Cranbrook, B.C.,  
March 30, 1931.

11/394.

R

Sir,

I beg to enclose herewith voucher No. 480 for \$31.60 in favour of Modern Electric, Cranbrook, covering necessary repairs and electrical supplies for Kootenay Indian Residential School, which I beg to submit for consideration of payment.

I have the honour to be,  
Sir,  
Your obedient servant,

*F. S. Ryckman*  
F. S. Ryckman,  
Indian Agent.

The Secretary,  
Department of Indian Affairs,  
Ottawa.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR COPY

Telephone 524

P.O. Box 696

CRANBROOK, B. C., *7m* *31* 193*1*

M *St. Eugene Industrial School*  
*Indian Affairs Museum*

BOUGHT  
OF

**Modern Electric**

WIRING  
CONTRACTS

and Repair Shop

ELECTRICAL  
SUPPLIES

JOHN A. WARD

The R. J. Lovell Co., Ltd., Mfg. Stationers, Toronto, 13059

Date	ARTICLES	Folio	Credit	Debit	Total
<i>Mar 25 50</i>	<i>Repairing fire alarm Baird</i>			<i>4 00 1 20</i>	<i>5 20</i>

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR COPY





CANADA

Letter No.....

Office of the..... Kootenay..... Indian Agency,

Cranbrook, B.C.,

April 3, 1931...... 19.....

Sir,

I enclose herewith Vouchers Nos..... 491.....,

amounting to \$..... 5.20..... in favour

of..... Modern Electric, Cranbrook, B.C.,.....

for..... repairs to fire alarm at Kootenay Indian Residential School, month of March, 1931.

This expenditure was authorized by Departmental

Letter No..... dated.....

Your obedient servant,

F. S. Ryckman,

Indian Agent.

The Secretary,  
Department of Indian Affairs,  
Ottawa.

Form No. 101

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY

155-0-5

R



DEPARTMENT OF INDIAN AFFAIRS  
CANADA

OFFICE OF  
INDIAN AGENT

Cranbrook, B.C.,  
April 3, 1931.

11/419.

*[Handwritten signature]*  
②

DEPT. OF INDIAN AFFAIRS  
APR 7 1931  
RECORDS

*[Handwritten signature]*  
②

Sir,

I beg to enclose herewith voucher No. 491 for \$ 5.20 in favour of Modern Electric, Cranbrook, covering the cost of repairs to the fire alarm at Kootenay Indian Residential School, the account for which was not received until yesterday evening.

I beg to submit that in order to insure the proper working of the fire alarms in the school it was necessary to have these repairs done without delay, and I therefore beg to submit the voucher for consideration of payment.

Respectfully submitted.

I have the honour to be,  
Sir,  
Your obedient servant,

*[Handwritten initials]*  
*[Handwritten initials]*

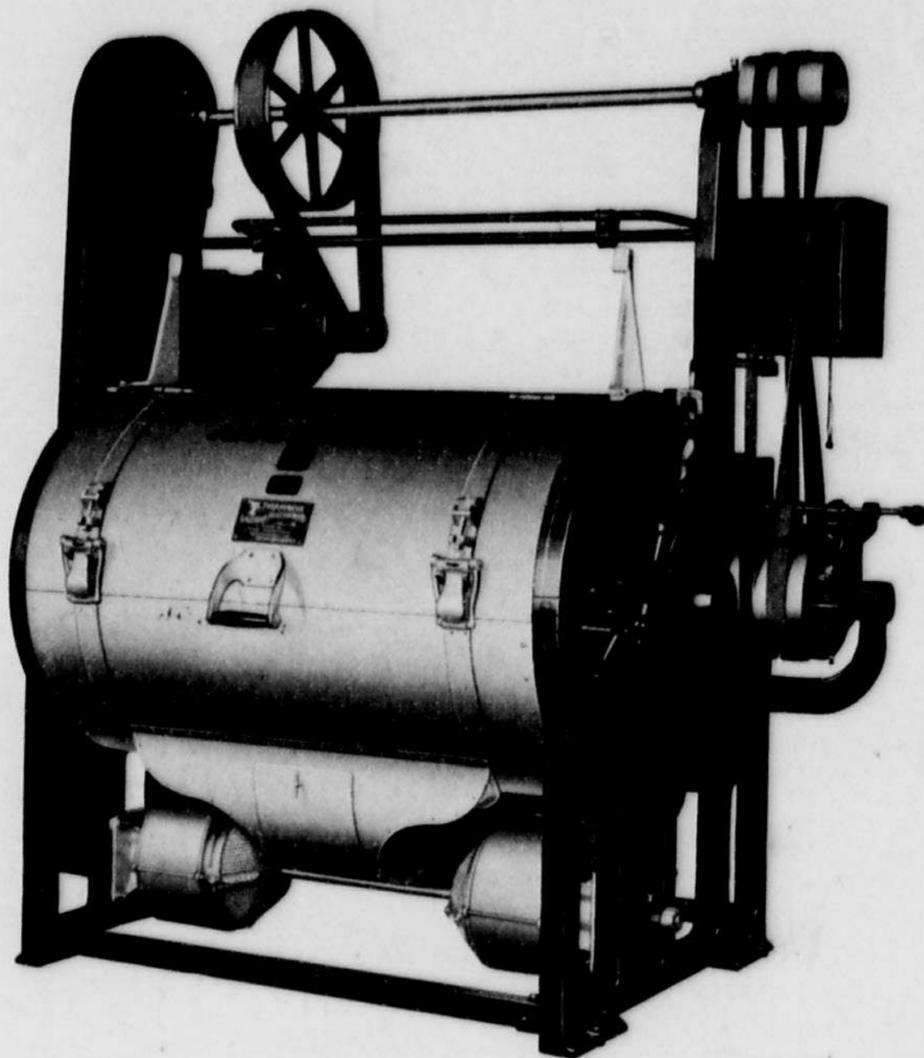
*[Handwritten signature]*  
F. S. Ryckman,  
Indian Agent.

The Secretary,  
Department of Indian Affairs,  
Ottawa.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY



## The Canadian Junior Drying Tumbler

Single Motor — Belted Motor Driven

### Size and Style

The inside cylinder shall measure 30 inches in diameter by 42 inches in length, constructed of galvanized woven wire, and shall be of \_\_\_\_\_ type.  
(Reversing or Non-reversing)

### Frames

Shall be of heavy cast iron, bolted together and connected by heavy stiffening angles, and shall support housing, cylinder, fans, coils and driving mechanism. Two heavy iron uprights, bolted to frames at each end of machine, shall provide bearings for an overhead shaft and motor, and starting device shall be attached to same.

### Housing

Shall be of No. 16-gauge sheet iron, riveted to iron frames and made tight to prevent the escape of heat and air. The door shall be constructed of No. 16 galvanized sheet iron, hung on heavy wrought-iron strap hinges and securely latched by malleable-iron clamps, making it close fitting and preventing the leakage of air and heat. Shall be provided with cleanout door at bottom between fans. Two upright castings shall be bolted to top of frames for tub door to rest against when open.

### Cylinder

Shall be constructed of No. 2½-mesh, .110-inch diameter, galvanized woven wire, rolled after being woven, so that the intersections shall be interlocked. Shall be riveted to four projecting cast-iron trunnions and reinforced by wide hoops. Shall be further strengthened by four channels, riveted to trunnions. Shall be constructed with 3 galvanized cast-iron ribs projecting into cylinder, securely riveted to the woven wire and bolted to the trunnions. Door of No. 16 galvanized sheet iron, perforated, hung on heavy hinges, and fitted with heavy latches.

OVER

The Canadian Laundry Machinery Co., Ltd.

Toronto, Canada

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES**  
**ARCHIVES PUBLIQUES**  
**CANADA**

POOR-COPY



## The Canadian Junior Drying Tumbler—Continued

### Single Motor — Belted Motor Driven

#### Coils

Shall be located within the housing at rear and consist of 202 lineal feet of one-inch iron pipe, connected at each end with right and left return bends.

#### Fans

Shall be equipped with 2 single fans of the multi-blade type, 7½ inches in diameter, mounted on fan shaft beneath cylinder, for circulating air through the coils and thence through the cylinder and out through an 8-inch duct, leading to rear of machine. Shall be fitted with screened air intakes.

#### Gearing

Gears shall be machine cut from solid blanks of sufficient width and diameter, and provided with suitable cast-iron gear guards. Shall be equipped with hand wheel gear lock for bringing cylinder door into position and locking same.

#### Driving Mechanism

Reversing type shall consist of one tight and two loose pulleys, each 10 inches in diameter, requiring 1-inch and 1½-inch belts, operating in connection with a worm and cam movement, producing a fixed number of reverse revolutions of the cylinder.

Non-reversing type shall consist of one tight and one loose pulley, taking a 1-inch belt to operate cylinder. Cylinder shall revolve in one direction only.

Driving mechanism shall be mounted on cast-iron adjustable swiveling arm, bolted to machine, and embody strength, simplicity and reliability. Shall be 3-inch diameter tight and loose pulleys on fan shaft, taking 2-inch belt to operate fans. Fan belt shall be equipped with foot-treadle shifter and shall be protected by sheet-metal guard.

An overhung shaft shall be supported by two cast-iron uprights bolted to the frames of the machine and shall be equipped with pulleys of proper size for belting to fans, motor and driving pulleys.

#### Electrical Equipment

Shall be furnished for the following power characteristics:

##### (a) — Direct Current

110 volts.

220 volts.

##### (b) — Alternating Current

Single phase, 110 volts — 220 volts, 50 cycles — 60 cycles.

Two phase, 110 volts — 220 volts, 50 cycles — 60 cycles.

Three phase, 110 volts — 220 volts, 50 cycles — 60 cycles.

#### Motor

Shall be Canadian design, of ample capacity and proper speed to insure quiet running, guaranteed to meet operating characteristics of machine and shall be mounted on tumbler, driving same by belt to overhung shaft.

Both direct and alternating current motors shall be horizontal type and insulated to withstand heat and dampness incidental to laundry machinery.

#### Direct Current

Shall be furnished with grid covers, as protection to commutator and brush rigging.

#### Alternating Current

Shall be squirrel-cage, constant-speed type.

#### Starting Device

##### (a) — Direct Current

Shall consist of enclosed, automatic starter with two-button, push-button station.

##### (b) — Alternating Current

Shall consist of enclosed magnetic switch with two-button, push-button station.

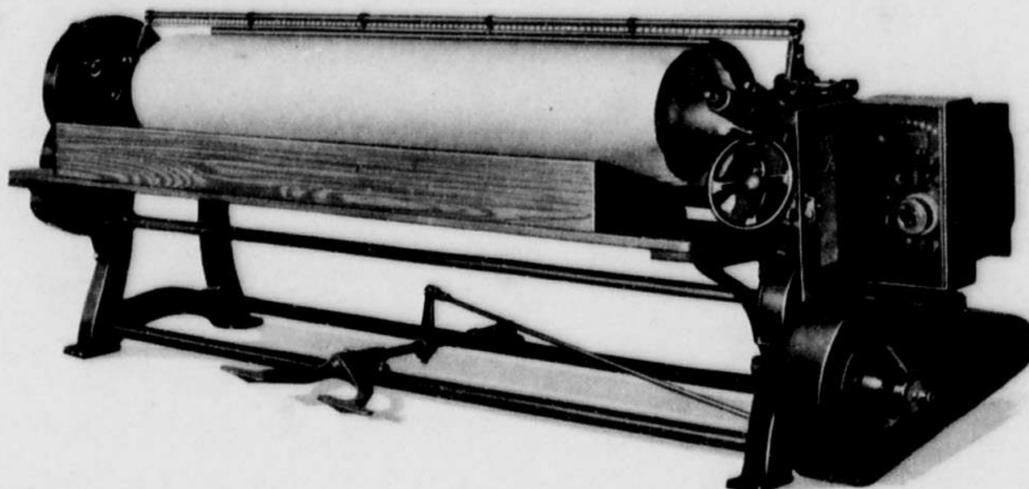
#### Wiring

Shall be in conduit between motor and starting device. Proper terminals for line connection at starting device.

*Mr. of articles going through  
leaving marks*

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**



## The No. 1 Canadian Handy Flat Work Ironer Motor Driven

### Padded Roll and Chest

Shall be one padded roll, 13½ inches in diameter, when padded, operating in a steam chest. The ironing surface shall be not less than \_\_\_\_\_ inches in width, and shall be concave in shape to conform to the padded roll, ground and polished; and shall be tested at 200 pounds hydrostatic pressure and designed for 100 pounds working steam pressure, fitted and mounted true, making a smooth surface over which the pieces to be ironed shall pass. The back of chest shall be covered with asbestos, protected by planished sheet steel to prevent loss of heat by radiation. The heated surface shall be as follows:

Size	Surface under Pressure of Rolls	Total Heating Surface
54-inch.....	866 sq. in.	990 sq. in.
66-inch.....	1,055 sq. in.	1,206 sq. in.
100-inch.....	1,585 sq. in.	1,813 sq. in.

### Frames and Gears

The two end frames shall be cast iron, of neat and substantial design, with four supporting legs and equipped with bearing boxes; also devices for adjustment of pressure. Roll shall be provided with driving gear on one end. All gears shall be machine-cut from solid blanks and covered by solid paneled guards.

### Pressure Device

Pressure shall be regulated by springs, encased in spring boxes working on the end of eccentric rods, with compensating attachment for light and medium pressure. The eccentric rods shall be controlled by large eccentric, operated by hand wheel, for applying and releasing padded roll from contact with steam chest and admit the regulation of the pressure suitable for the fabric being ironed. It shall be possible to remove the padded roll seven (7) inches from contact with steam chest, to allow for thorough cleaning of polished surface of chest.

### Feed and Delivery

The construction of machine shall be such that the operator not only feeds the goods into the machine, but takes the goods off, thereby allowing the machine to be placed, if necessary, against the wall and save floor space.

Goods shall be fed in over the top of the roll and returned to the feeder at the bottom of same. Shall be provided with a wooden delivery box, mounted on brackets. This box shall be equipped with curved brass plate for conveying goods from steam chest.

OVER

The Canadian Laundry Machinery Co., Ltd.

Toronto, Canada

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR COPY



## The No. 1 Canadian Handy Flat Work Ironer — Continued

### Motor Driven

#### Automatic Safety Guard

Shall be applied to the feeding side, constructed of nickel-plated tubing, and delicately swung the full width of machine, directly in front of and over the feeding point, and pivoted at each end by bracket. This guard shall be provided with a special mechanism, connected with the power in such a manner that the swinging of guard toward feeding point shall cause the entire machine to stop instantly.

#### Electrical Equipment

Shall be furnished for the following power characteristics:

(a) **Direct Current**

110 volts.  
220 volts.

(b) **Alternating Current**

Single phase, 110 volts — 220 volts, 50 cycles — 60 cycles.  
Two phase, 110 volts — 220 volts, 50 cycles — 60 cycles.  
Three phase, 110 volts — 220 volts, 50 cycles — 60 cycles.

#### Motor

Shall be of Canadian design, of ample capacity and proper speed to insure quiet running, guaranteed to meet operating characteristics of machine. Shall be mounted on iron bracket integral with the machine, driving by belt. Both direct and alternating current motors shall be horizontal type and insulated to withstand heat incidental to laundry machinery.

Belt and pulleys shall be completely covered by a metal guard.

#### Direct Current

Shall be protected on commutator end by grid covers.

#### Alternating Current

Shall be squirrel-cage, constant-speed type.

#### Controller — Direct Current

Shall consist of a manual speed controller in an approved enclosing case with line switch and fuses.

#### Alternating Current

Shall consist of approved enclosed line switch and fuses.

#### Wiring

Shall be furnished with all wiring run in conduit between motor and controller or switch, and suitable terminals shall be provided for line wires.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES**  
**ARCHIVES PUBLIQUES**  
**CANADA**

POOR COPY

SELLING AGENTS  
FOR  
MC CLARY STOVES  
—  
PRATT AND LAMBERT'S  
PAINTS AND VARNISHES  
—  
MARS-WELLS PAINT  
—  
CANADIAN EXPLOSIVES,  
LTD.

# F. PARKS & CO.

JOBBERS AND DEALERS IN

HARDWARE, MILL and MINING SUPPLIES, COAL,  
PAINTS, OILS, GLASS, ETC.

GUNS AND AMMUNITION  
—  
SPORTING GOODS OF ALL  
KINDS  
—  
IRON PIPE AND FITTINGS  
—  
BLACKSMITHS' SUPPLIES  
—  
TELEPHONE 78  
P. O. BOX 806

Cranbrook, B.C.,

19

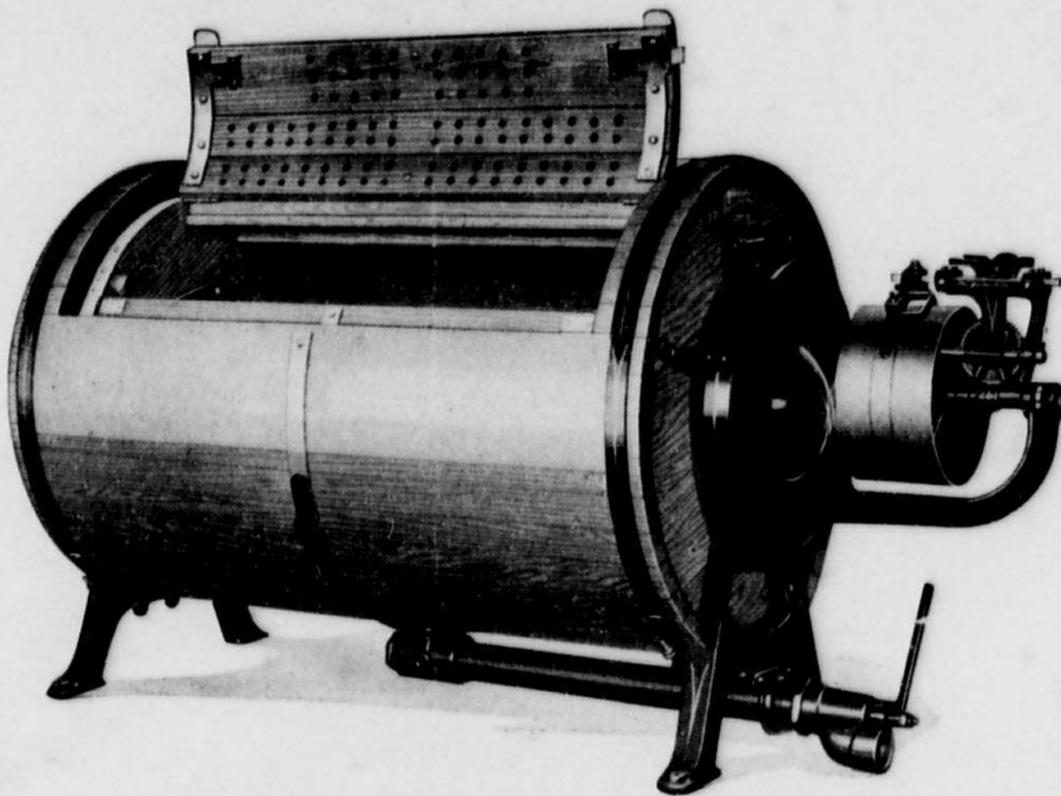
## INDIAN SCHOOL INSTALLATIONS.

Caughnawaga Indian School.	Adirondack Junction, QUE.
Chapleau Indian Boarding School.	Chapleau, Ontario.
Kenora Indian Boarding School.	Kenora, Ontario.
Cross Lake Indian School.	Cross Lake, Man.
Elkhorn School for Indians.	Elkhorn, MAN.
Selkirk Indian School.	Selkirk, Man.
File Hills Indian Residential School.	Balcarres, Sask.
Indian Residential School	Cowessess Reserve, Sask.
Qu-Appelle Indian School.	Lebret, Sask.
Onion Lake Indian School.	Onion Lake, Sask.
Indian Residential School.	Stockholm, Sask.
Indian Residential School.	Sturgeon Landing Sask.
R.C. Indian School.	Brocket, Alberta.
Indian Industrial School.	Campbell Siding, ALTA.
Cardston Indian School.	Cardston, Alberta.
R.C.. Indian School.	Cardston, ALberta.
Indian Residential School.	Edmonton, Alberta.
Indian School.	Gleichen, Alberta.
Indian Hospital, (new).	Gleichen, Alberta.
Indian Residential School.	Hobema, Alberta.
Blue quills Indian Boarding School.	Sacred Heart, Alta.
Ahousant Indian School.	Ahousant, B.C.
Indian Residential School.	Kamloops, B.C.
Indian School.	Kuper Island, B.C.
Blue Quills Indian School.	St. Paul de Metis, ALTA.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR COPY



The ~~CANADIAN~~ **Globe Wood Washer**  
 36" and 40" Diameter — End Header  
 Single Geared

**Size**

The inner cylinder shall be inches diameter by inches in length, and shall have doors and partitions, and hinges, latches and hoops.

**Cylinder**

Shall have heads and staves of Crown Prime Long Leaf Yellow Pine, with ribs of hard Maple. Staves cut from 1½-inch stock shall be nailed to heads cut from 2-inch stock.

There shall be three large lifting ribs, each cut from stock 2½ inches by 4¼ inches; also a rib cut from 2½ x 3-inch stock placed at front and back of door opening, rabbeted to receive door. Door shall be 15½ inches wide. Door battens shall be cast brass.

Hinges are wide and heavy and well ribbed and shall rest on cylinder hoops the full length of hinge. Latches shall have wide lips. Cylinder shall be banded with wide, heavy hoops fastened to the staves by brass screws.

**Tub**

Shall be constructed of Clear and Better Fir, with staves cut from 2-inch stock.

Staves shall be tongued and grooved and gained to fit over heads cut from 2-inch stock, to which they shall be nailed.

A galvanized-iron sliding door shall operate in grooves provided on adjustable encircling bands or hoops. Brass apron shall be fitted at bottom of door opening to protect staves.

A gauge glass shall be mounted on left tub head.

**Iron Frames**

Cast-iron frames of heavy design, rigidly bolted to the tub heads, shall support the weight of the inside cylinder and outside tub and the driving mechanism shall be bolted to these frames. Frames shall be bolted to the tub heads.

**Inlet and Outlet**

Located in the center bottom of the tub shall be a cast-iron flange tee, through which the steam and water shall enter and waste water be discharged. Steam shall enter washer through an annular

OVER

The American Laundry Machinery Co.

D-6-1500-10-28-E & R

New York, Cincinnati, Chicago, San Francisco

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
 ARCHIVES PUBLIQUES  
 CANADA**

100R-COFF



**The American Globe Wood Washer—Continued**  
**36" and 40" Diameter — End Header**  
**Single Geared**

steam passage cored in the tee without coming in direct contact with the wood or linen. Connected with the flange tee shall be an outlet pipe, on the end of which a 3-inch quick-opening valve of the hollow taper plug type shall be fitted.

Provision shall be made for 2-inch water and  $\frac{1}{2}$ -inch steam connections.

**Trunnions and Bearings**

Cast-iron trunnions shall be attached to cylinder heads by means of brass-covered bolts and inside of cylinder heads shall be fitted with two brass trunnion rings. The journals of trunnions shall operate in solid bored bearings equipped with easily accessible lubricators. Journal bearings shall be supported by the cast-iron frames.

**Gearing**

Shall be machine cut from solid blanks and provided with solid paneled gear guards. The main gear shall be of the split-hub type, bolted and keyed to trunnion shaft. A gear lock shall be provided for holding cylinder door in position while loading and unloading.

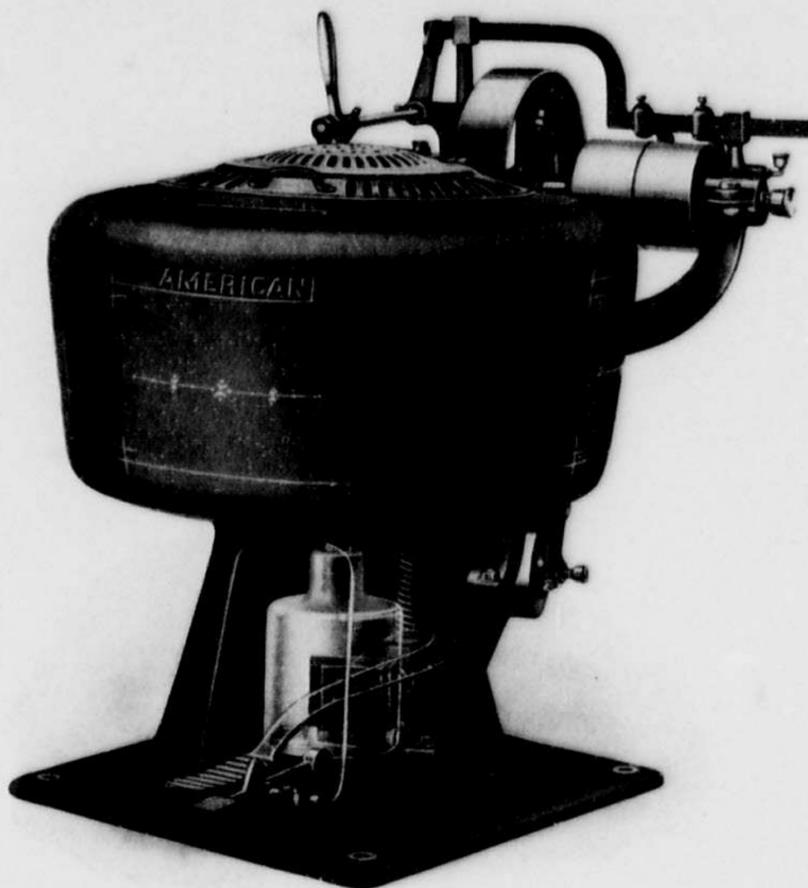
**Automatic Reverse Mechanism**

Shall consist of three 16-inch diameter pulleys and a worm and cam movement, producing a fixed number of reverse revolutions of the cylinder. Entire shifting mechanism shall be mounted on heavy cast-iron swiveling arm, adjustable to belt at various angles. Header shall be supported by bracket arm bolted to cast-iron frame and shall embody strength, simplicity and reliability, and be arranged for  $1\frac{3}{4}$  and 2-inch belts.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES**  
**ARCHIVES PUBLIQUES**  
**CANADA**

POOR COPY



## The American Underdriven Solid Curb Extractor

Laundry Type — Angle Countershaft

### Size

Inside basket shall be \_\_\_\_\_ inches in diameter.

### Basket

Shall be constructed with shell of Monel Metal (.078-inch) perforated with sufficient number of holes to permit free discharge of extracted water, and riveted to top and bottom of basket.

Top shall be of steel, reinforced by a steel ring spun in place, and heavily galvanized inside and out.

Bottom shall be of cast-iron, of double web construction, truly machined, upper surface covered with sheet copper, heavily tinned.

Shall be reinforced by steel bands shrunk to shell.

Shall be tested for running balance at rated speed.

### Curb and Base

Curb shall be an extra-heavy, one-piece casting, equipped with drain openings in bottom, and fitted with a detachable cast-iron top ring.

Base shall be an extra-heavy, one-piece casting and shall support the curb, balancing and driving mechanism.

Curb and base shall be securely bolted together, becoming in effect one solid, rigid casting.

### Safety Cover

Shall be equipped with hinged safety cover.

### Safety Bumper and Spindle

Rubber safety ring shall be fitted on bottom of basket and so arranged that when basket is unevenly loaded the rubber safety ring shall engage with curb bottom, thus preventing basket from striking outer curb when finding its balance. Basket shall be supported on spindle-steel spindle.

OVER

The American Laundry Machinery Co.

D-85-3M-9-29-E & R

New York, Cincinnati, Chicago, San Francisco

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR COPY



## The American Underdriven Solid Curb Extractor — Continued

### Laundry Type — Angle Countershaft

equipped with driving pulley. Spindle shall be turned and ground to size and taper fit in basket bottom. Shall be secured by a brass lock nut. Lower end of spindle shall have a siphon arrangement, consisting of a hollow chamber, forming an oil reservoir, for circulation of oil around the spindle. (See sectional views below.)

#### Balancing Device

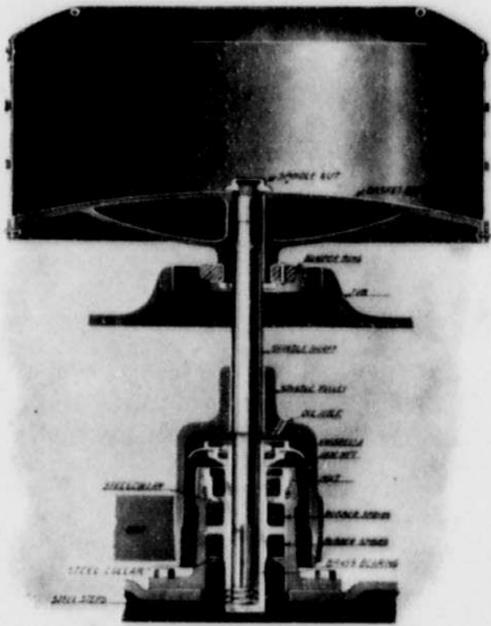
Base casting shall be equipped with detachable well casting, securely bolted to base, for receiving the balancing device. Within well casting shall be located a phosphor-bronze sleeve bearing for receiving spindle, provided with flange, above and below which shall be located rubber spring cushions, engaging a flange on well casting and held in place by a spanner nut threaded in well casting. Shall be provided with three hardened, double-convex, tool-steel buttons at bottom of bearing, on which spindle shall rotate. Removable flanges shall be fitted on top of bearing in such a manner as to feed oil to spindle and furnish a tight joint, to prevent oil from coming in contact with rubbers.

#### Brake

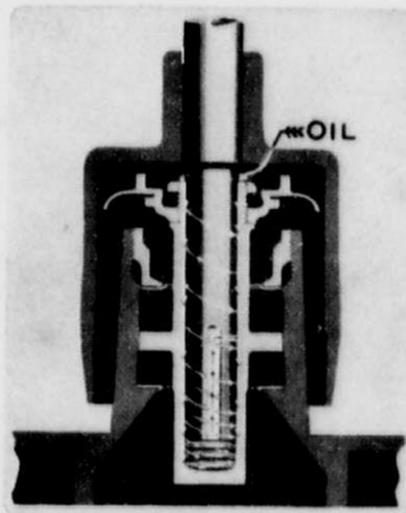
Extractor shall be fitted with a friction foot brake attached to base, working on spindle pulley. Shall be equipped with locking device, to prevent sudden shock and hold brake in position until basket stops revolving.

#### Countershaft and Idlers

Shall have countershaft bolted to curb and base, forming a self-contained part of the machine. Shall consist of cast-iron bracket supporting the shaft, with its tight and loose pulleys and friction driving pulley, and also guide or idler pulleys. One of the idler pulleys shall be equipped with an adjustable device for taking up slack in belt.



Sectional View Showing General Construction



Sectional View Showing Automatic Spindle Oiling Device

The American Laundry Machinery Co.

D-85-3M-9-29-E & R

New York, Cincinnati, Chicago, San Francisco

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR COPY

SELLING AGENTS  
FOR  
MCCLARY STOVES  
—  
PRATT AND LAMBERT'S  
PAINTS & VARNISHES  
—  
MARS-WELLS PAINT  
—  
CANADIAN EXPLOSIVES  
LTD.

# F. PARKS & CO.

JOBBERS AND DEALERS IN

HARDWARE, MILL and MINING SUPPLIES, COAL,  
PAINTS, OILS, GLASS, ETC.

GUNS AND AMMUNITION  
—  
SPORTING GOODS OF ALL  
KINDS  
—  
IRON PIPE AND FITTINGS  
—  
BLACKSMITHS' SUPPLIES  
—  
TELEPHONE 78  
P. O. BOX 806

Cranbrook, B.C., March 20th. 19 1

Mr. F.S. Ryckman,  
c/o Dept. Indian Affairs,  
CITY.

Dear Sir::

We purpose to furnish, deliver and set in position, on the laundry floor at St. Eugene Indian Industrial School, and connect ready for operation when steam and return, water, sewer, vent, and electricity have been brought to the Laundry rooms by you, the following Laundry equipment.

- One (1) CANADIAN GLOBE WASHER, with 36x36" Inner Cylinder, end header, fitted for belt drive, as per specifications enclosed.
- One (1) CANADIAN GLOBE WASHER, with 36x54" Inner Cylinder, end header, fitted for Belt drive as per specifications enclosed.
- One (1) CANADIAN SOLID CURB EXTRACTOR, with 26" Inner Basket, fitted for belt drive with angle counter-shaft attached, as per specifications enclosed.

ALL THE ABOVE TO BE DRIVEN BY EXISTING MOTOR AND LINE SHAFT.

- One (1) CANADIAN No.1 HANDY FLATWORK IRONER, with 66" long roll x 14" Dia. operating in steam heated chest driven by its own individual motor as per specification enclosed.
- One (1) CANADIAN JUNIOR DRYING TUMBLER, Steam Heated with 30x42" Inner Cylinder, as per specification enclosed. Belted Motor Driven.
- One (1) 8 H.P. VERTICAL BOILER for 100# Working pressure, including base, grates & fittings.

ALL OF THE ABOVE MENTIONED FOR.....\$6107.00

Less Allowance for::

2 Toronto Washers and  
1 Toronto Extractor..... 300.00

F.O.B. Cranbrook School.\$ 5807.00

The above mentioned Flatwork Ironer and Drying

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY

SELLING AGENTS  
FOR  
MC CLARY STOVES  
—  
PRATT AND LAMBERT'S  
PAINTS AND VARNISHES  
—  
MARS-WELLS PAINT  
—  
CANADIAN EXPLOSIVES  
LTD.

# F. PARKS & CO.

JOBBER AND DEALERS IN  
HARDWARE, MILL and MINING SUPPLIES, COAL,  
PAINTS, OILS, GLASS, ETC.

GUNS AND AMMUNITION  
—  
SPORTING GOODS OF ALL  
KINDS  
—  
IRON PIPE AND FITTINGS  
—  
BLACKSMITHS' SUPPLIES  
—  
TELEPHONE 78  
P. O. BOX 806

Cranbrook, B.C.,

19

F.S. Ryckam #2.

Tumbler will be equipped with their own motors wired  
for 110-220 Volt D.C. which is our understanding of  
the existing power, as given us by Father Patterson.

Any increase in Sales Tax from present rate of  
1% put into effect by the Dominion Government to be  
added to the above quotation.

Yours very truly,

F. PARKS & CO.,

Per.....  
*F. Parks*

FLP:EM.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR COPY

SELLING AGENTS  
FOR  
MC CLARY STOVES  
  
PRATT AND LAMBERT'S  
PAINTS AND VARNISHES  
  
MARS-WELLS PAINT  
  
CANADIAN EXPLOSIVES  
LTD.

# F. PARKS & CO.

JOBBER AND DEALERS IN

HARDWARE, MILL and MINING SUPPLIES, COAL,  
PAINTS, OILS, GLASS, ETC.

GUNS AND AMMUNITION  
  
SPORTING GOODS OF ALL  
KINDS  
  
IRON PIPE AND FITTINGS  
  
BLACKSMITHS' SUPPLIES  
  
TELEPHONE 78  
P. O. BOX 806

Cranbrook, B.C., March 20th. 19 31

Mr. F.S. Ryckman,  
c/o Dept. Indian Affairs,  
CITY.

Dear Sir::

We take pleasure in advising you what our recommendation would be in connection with the Laundry at the St. Eugene Mission School.

We have in our tender figured on two machines which would be more in keeping with the capacity of the work they have to do than those which are in use at the present time.

The extractor, also is very old and we have given you a quotation on a new up-to-date model with self oiling device and all the improved features of this machine.

We would arrange to take these three pieces and make an allowance on same against the price of the new washroom equipment.

You will note from the sketch enclosed that we would plan on having the machines laid out somewhat differently to the present washroom, although using the existing motor, line shaft and belting to drive same.

We are also quoting you on a steam heated Drying Tumbler which would be much more adaptable to your purpose than the present rack type which is in use. You will note that this tumbler which we are quoting you on is equipped with its own motor and we would suggest placing it in the room next to the present washroom.

We have figured on steam heated Flatwork Ironer, having one roll 66" long 14" in diameter and operating in a concave steam heated chest. This machine will be driven by its own motor and can be placed either in the same room as the Drying Tumbler or in the one next to it.

We have also figured on the Boiler having 8 H.P. which we estimate would be sufficient to supply the steam required for our machines, dish washer and a coil for heating water in your storage tank.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

VERY POOR

SELLING AGENTS  
FOR  
MC CLARY STOVES  
PRATT AND LAMBERT'S  
PAINTS AND VARNISHES  
MARG-WELLS PAINT  
CANADIAN EXPLOSIVES  
LTD.

# F. PARKS & CO.

JOBBER AND DEALERS IN

HARDWARE, MILL and MINING SUPPLIES, COAL,  
PAINTS, OILS, GLASS, ETC.

GUNS AND AMMUNITION  
SPORTING GOODS OF ALL  
KINDS  
IRON PIPE AND FITTINGS  
BLACKSMITHS' SUPPLIES  
TELEPHONE 78  
P. O. BOX 806

Cranbrook, B.C., March 29th.

1911

F.S. Ryckman #2.

You will note that the proposal is for delivering in the Laundry and setting in position, including our engineers expenses, ready for operation when steam and return, water and electricity are brought into the laundry room.

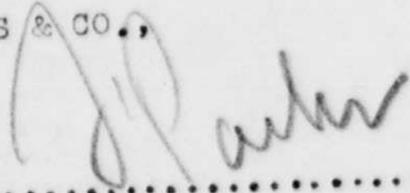
We hope that the enclosed proposal will meet with your approval and we will be very glad indeed to hear from you if we may fill your order.

We might say that on this job we will have our own engineer go to the Mission and put the machines in place and make the connections, as indicated above, to our equipment after same has been brought to the laundry rooms.

For your information we are enclosing a list of the Indian Schools which are using our equipment and we hope we will be successful in adding your name to the list.

Yours very truly,

F. PARKS & CO.,



Per.....

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

**PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA**

POOR-COPY

Keotenay Indian Residential School,  
Cranbreek, B.C. March 30th, 1931

Mr F.S. Ryckman,  
Indian Agent,  
Cranbreek, B.C.



Dear Sir;

During the last year I have called the attention of the various Department Inspectors who visited the school to the condition of the school laundry, and pointed out the unsatisfactory conditions under which the girls are doing the laundry work as well as the state of the present equipment, and its inadequacy for doing the work.

I find that the gearing of the present washers is badly worn, and also of the extractor. There is no flatwork ironer provided, and all the ironing must be done by hand. The three stoves for heating the present laundry work are a fire hazard and also can not be used to do satisfactory work. The flue drafts have never been successfully controlled so that the laundry is filled with smoke whenever the stoves are lighted, and this smoke spreads up to the upper floors causing considerable damage to the walls of the building.

As a number of our girls are under tubercular treatment only the stronger pupils can be given the laundry work, and it is imperative that the work be lightened for them as much as possible. At the present time about three days a week are used in completing the laundering. It is also necessary for sanitary reasons that the clothing be well washed, which at present is practically impossible.

Some time ago you suggested that I make an estimate of the cost of installing necessary machinery for the consideration of the Department. Accordingly I requested Mr Parks to make an estimate of the cost, which Mr Parks has already forwarded to you.

I will esteem it a favour if you will take the matter up with the Department at your earliest convenience with a view to action in the near future.

Yours faithfully,

*J. M. Patterson*  
Principal.

Indian Affairs (RG 10 Volume 6453, file 884-5 part 3)

PUBLIC ARCHIVES  
ARCHIVES PUBLIQUES  
CANADA

POOR-COPY