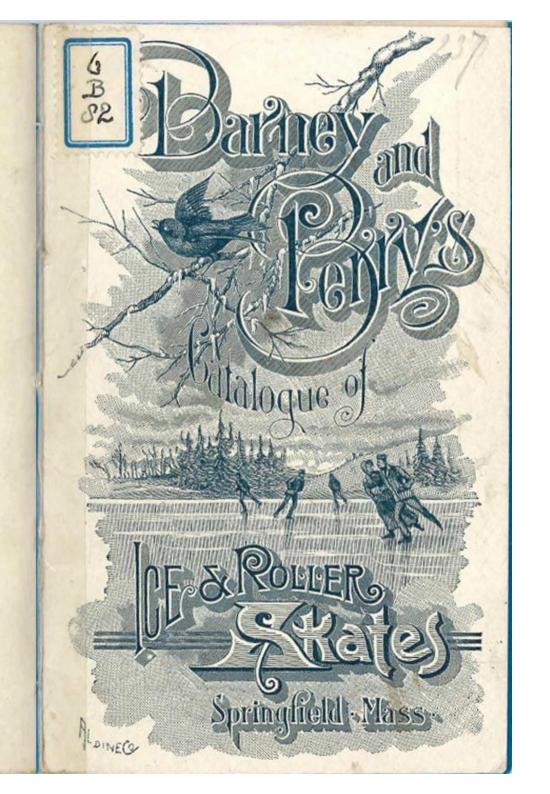
### BARNEY & BERRY.







Springfield, Mass., U. S. A.



ONE FIFTH OF A CENTURY THE P ITY HAS BEEN PROV OF CONSTANT USE IGNS, BOTH OF FORM AN N. ARE OF THE HIGHE

82

#### CATALOGUE 1887.

#### DIRECTIONS FOR ORDERING BARNEY & BERRY SKATES.

FIRST. Order style of skate by letter.

State whether grade O Bright, Grade 1 Blued, Grade 2 Nick SECOND. eled, Grade 3 Polished and Nickeled, Grade 4 Engraved

and Plated, or Grade 5 Diamond Toe is wanted.

Give size of shoe in inches and half inches. To ascertain THIRD. the size, measure shoe from back of heel to toe.

FOURTH. Order extra parts for skates by Number Only, or forward. broken part with order.

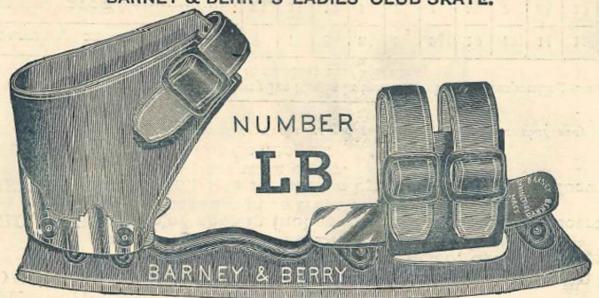
FIFTH. Mention date of Catalogue.

NOTE .- We cannot be expected to exchange goods or rectify mistakes that may occur Grough neglect of above directions.

TABLE, Giving sizes of Barney & Berry Ice Skates in inches, and the corresponding sizes of Shoes in numbers they will fit:

SKATES, INCHES,	7	71/2	8	81/2	9	97	10	101	11	111	12
SHOES, MOS.	91	11.	125	1	23	4	51	7	81	10	111

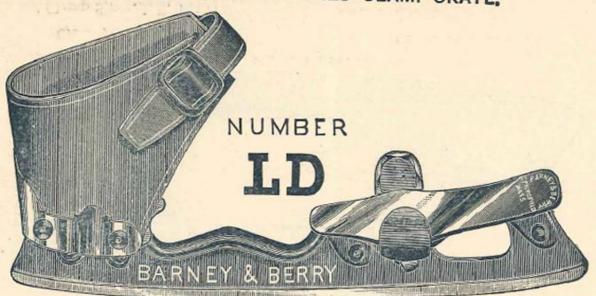
BARNEY & BERRY'S LADIES' CLUB SKATE.



PATENTED April 8, 1873 Dec. 14, 1880. SIZES, 8, 814, 9, 934 and 10 Inches. PRICE, \$1-25

LADIES CLUB SKATE L. B. is made from the best grade of Charcoal Iron, japan finish, mounted with russet leather trimmings, patent lever buckles and nickeled heel bands. The toe strap is secured by our patent device, which holds the foot in the center of skate, and allows the skater to

BARNEY & BERRY'S LADIES' CLAMP SKATE.



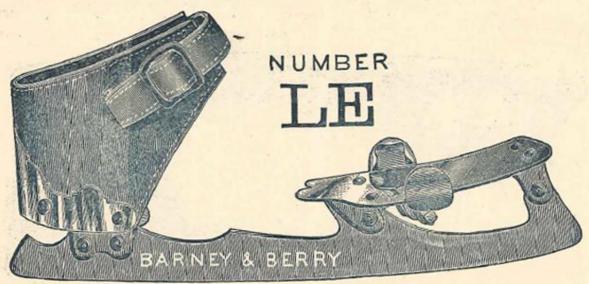
PATENTED April 8, 1873, Dec. 14, 1880.

adjust the strap wherever most comfortable.

SIZES, 8, 81/2, 9, 91/2 and 10 Inches. PRICE, \$1.50

Ladies' Clamp Skate, L D, is made from the best grade of Charcoal Iron, japan finish, mounted with russet leather trimmings, patent lever buckles, and nickeled heel bands. Clamps operated by a double right and left screw.

#### BARNEY & BERRY'S LADIES' CLAMP SKATE,



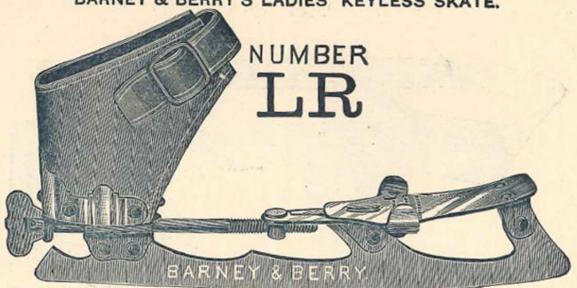
SIZES, 8, 81/4, 9, 91/2 and 10 Inches.

Grade 1, Blued, \$2.50

Grade 2, Nickeled, \$3.25

Ladies' Clamp Skate, LE, has crucible steel foot plates and brackets, blades fine finish, russet leather trimmings, patent buckles and nickeled heel bands.

BARNEY & BERRY'S LADIES' KEYLESS SKATE.



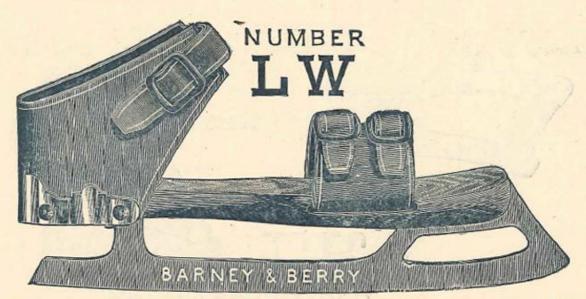
PATENTED May 2, 1876, February 20. 1877, March 20, 1883, February 12, 1884, June 9, 1885, February 9, 1860.

Grade 1, Blued, \$2.50.

Grade 2, Nickeled, \$3.25.

The foot plates, clamps and brackets of this skate are made from crucible steel; blades fine finish, russet leather trimmings, and nickeled heel bands. Skate is secured to shoe by a thumb screw at heel operating toe clamps, and by strap over instep.

#### BARNEY & BERRY'S LADIES' WOOD TOP SKATE.

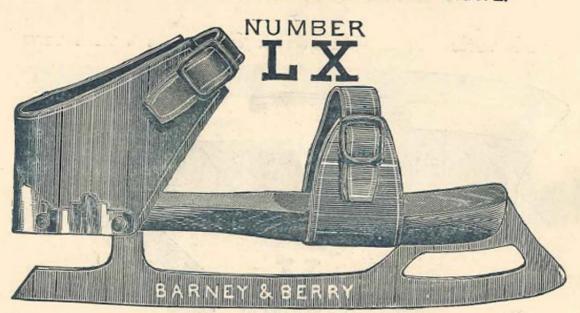


SIZES, 7, 71/2 8, 81/4 9, 91/4 and 10 Inches.

PRICE, \$1.25

Woods made of seasoned beech, polished, blades fine finish, trimmed with best quality russet leather, patent buckles and mbossed heel bands.

#### BARNEY & BERRY'S LADIES' WOOD TOP SKATE.

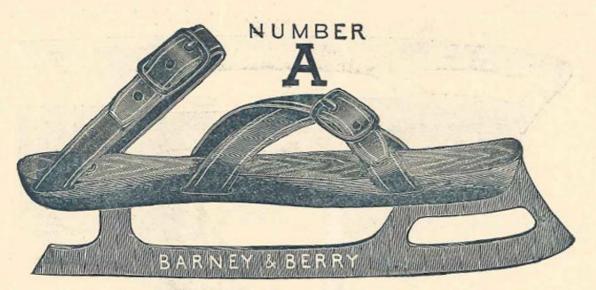


SIZES, 7, 7½, 8, 8½, 9, 9½ and 10 Inches.

PRICE, \$1.00

Polished blades, woods of beech, black straps, patent buckles and embossed heel bands.

#### BARNEY & BERRY'S GENTS' WOOD TOP SKATE.

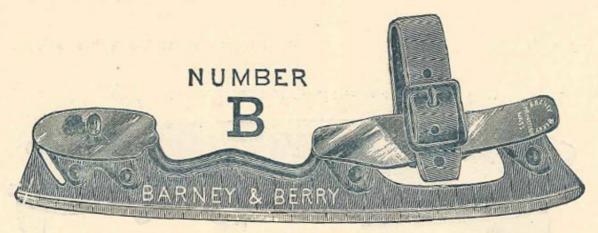


SIZES, 7, 7½, 8, 8½, 9, 9½, 10, 10½ and 11 Inches.

PRICE, 87 Cents.

Polished blades, woods of beech, solid heel spur, strapped with short English straps.

#### BARNEY & BERRY'S



PATENTED Dec 14, 1880.

SIZES, 7, 7%, 8, 8%, 9, 9%, 10, 10% and 11 Inches

PRICE, with heel plates, 35 cents.

Made from the best grade of charcoal iron, japan finish, black straps.

#### BARNEY & BERRY'S ALL CLAMP.



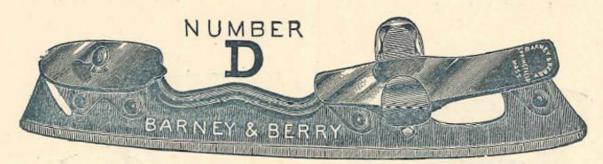
PATENTED Feb. 19, 1878 and Dec. 14, 1880.

SIZES, 8, 81/2, 9, 91/2, 10, 101/2 and 11 Inches.

PRICE, 65 cents.

Made from the best grade of charcoal iron, japan finish. No straps, no heel plates. Self adjusting, clamps operated by a double right and left screw. The most desirable cheap skate made.

#### BARNEY & BERRY'S



PATENTED Feb. 19, 1878, and Dec. 14, 1880.

SIZES, 8, 814, 9, 914, 10, 101/2 and 11 Inches.

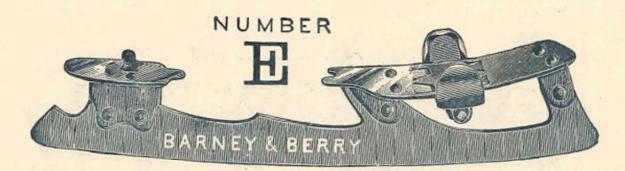
PRICE, 50 Cents.

Made from best grade of charcoal iron, japan finish, clamps operated by a double right and left screw.

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#### BARNEY & BERRY'S NEW YORK CLUB,



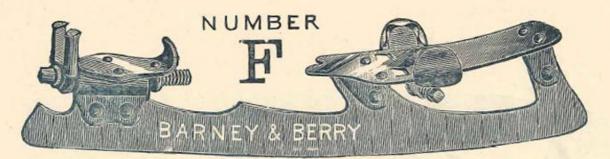
SIZES, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches

Grade 0, Bright, \$1.00

Grade 2, Nickeled, \$1.75

A fac-simile of the Genuine BARNEY & BERRY Club. Foot plates and brackets of steel, blades fine finish clamps operated by a double right and left screw.

#### BARNEY & BERRY'S ALL CLAMP.



PATENTED June 11, 1867, and April 8, 1873.

SIZES, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

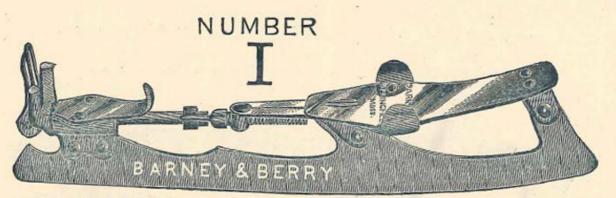
Grade 0, Bright, \$1.15

Grade 2, Nickeled, \$1.90

A fac-simile of the Genuine BARNEY & BERRY All Clamp. Foot plates, heel plates and brackets are made from crucible steel, blades fine finish. In applying this skate to the shoe the heel clamp should be tightened first.

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#### BARNEY & BERRY'S



PATENTED April 8, 1873, May 2, 1876, February 20, 1877, March 20, 1883, and February 12, 1884.

SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

Grade 0, Bright, \$1.25.

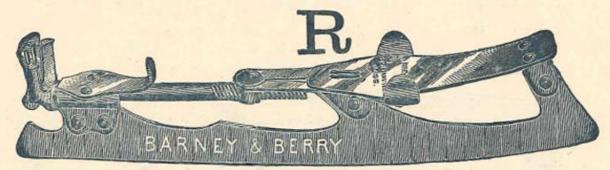
Grade 2, Nickeled, \$2.00

A fac-simile of the Genuine BARNEY & BERRY Ice King Lever. The heel plates, foot plates, toe clamps, and brackets are made from crucible cast steel.

Blades fine finish.

#### BARNEY & BERRY'S

NUMBER



PATENTED April 8, 1873, May 2, 1876. February 20, 1877, February 12, 1884, and June 9, 1885. March 20, 1883,

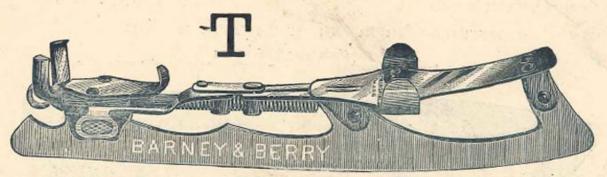
SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, and 12 Inches.

Grade 0, Bright, \$1.25

Grade 2, Nickeled, \$2.00

A fac-simile of the Genuine BARNEY & BERRY Keyless skate. The heel plates, foot plates, toe clamps and brackets are made from crucible cast steel. Blades fine finish.

# BARNEY & BERRY'S



PATENTED April 8, 1873, May 2, 1876, February 20, 1877, March 20, 1883, February 12, 1884, June 9, 1885, March 1, 1887, March 15, 1887.

SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½, and 12 Inches.

Grade 0, Bright, \$1.25

Grade 2, Nickeled, \$2.00

A fac simile of the Genuine Barney & Berry American Rink skate. The heel plates, foot plates, toe clamps and brackets are made from crucible cast steel. Blades fine finish.

Purchasers desiring to have the best will do well to read why the following skates are superior in many respects to those on the preceding pages.

Numbers LH, LS, G, H, K, N, S.

- The stock used in the manufacture is the best procurable in the market.
- The runners or blades are of welded steel, tempered by our patent process and finely polished.
- 3. All parts of the skates are polished and nickeled.
- 4. Each pair of the above named skates has Barney & Berry stamped on the foot plates, and are guaranteed in every particular.

BARNEY & BERRY'S LADIES' CLAMP SKATE.



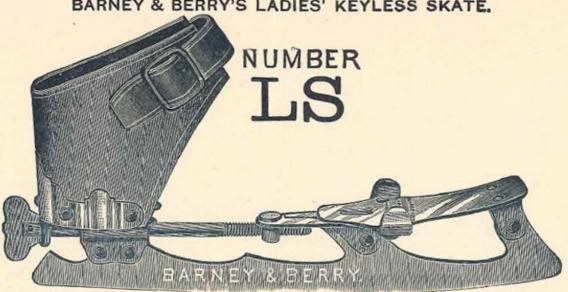
SIZES, 8, 81/2 9, 91/2 and 10 Inches

Grade 3, Polished and Nickeled, \$4.50

Grade 6, Diamond Toe, \$5.00

The blades of the L H are welded steel, tempered by BARNEY & BERRY's patent process, foot plates and brackets of crucible steel, russet leather heel bands, stitched and lined. This is the best ladies' skate made; finest material throughout, and perfectly reliable.

BARNEY & BERRY'S LADIES' KEYLESS SKATE.



PATENTED May 2, 1876, February 20, 1877, March 20, 1883, February 12, 1884, June 9, 1885, February 9, 1886. SIZES, 8, 81/2, 9, 91/2 and 10 Inches.

Grade 3, Polished and Nickeled, \$4.50. Grade 5, Diamond Toe, \$5.00.

Ladies' Keyless Skate, L. S. is made from the best material throughout. Blades of welded steel, tempered by BARNEY & BERRY's patent process. Skate is secured to shoe by clamps at toe, and strap at heel. No key required, as toe clamps are operated by thumb screw at heel. This is the best and most complete ladies' skate made.

#### BARNEY & BERRY'S ALL CLAMP.



PATENTED June 11, 1867, and April 8, 1873.

SIZES, 7, 7%, 8, 8%, 9, 9%, 10, 10%, 11, 11% and 12 Inches.

Grade 3, Polished and Nickeled, \$4.00

Grade 5, Diamond Toe, \$5.00

Foot plates, heel plates and brackets of crucible cast steel. Blades are welded steel, tempered by Barney & Berry's patent process. The toe clamps being operated by a double threaded transverse screw, and the heel clamp by a longitudinal screw, it makes it impossible for the shoe to slip through the clamps, as is the case where transverse clamps are used at both toe and heel. In applying this skate to the shoe the heel clamp should be tightened first.

#### BARNEY & BERRY'S GENUINE CLUB.



SIZES, 7, 7½, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

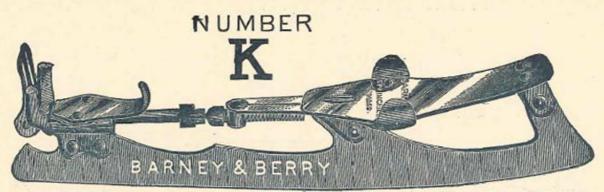
Grade 3, Polished and Nickeled, \$4.00

Grade 5, Diamond Toe, \$5.00

Foot plates, heel plates and brackets of crucible cast steel. Blades are welded steel, tempered by BARNEY & BERRY's patent process. Clamps operated by a right and left screw.

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#### BARNEY & BERRY'S ICE KING LEVER.



PATENTED April 8, 1873, May 2, 1876, February 20, 1877, March 20, 1883, and February 12, 1884. SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

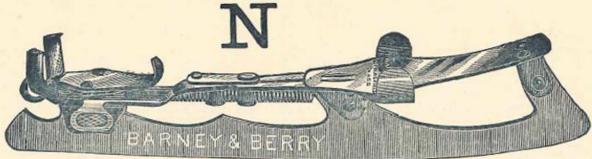
Grade 3, Polished and Nickeled, \$4.00

Grade 5, Diamond Toe, \$5.00

The material used in this skate is of the best quality. Blades of welded steel, tempered by BARNEY & BERRY's patent process. The toe and heel clamps are simultaneously adjusted by the action of a thumb screw, and secured by a lever operated at back of heel. No rights or lefts, each skate of a pair being constructed the same. All parts can be removed and cleansed, and are interchangeable with other sizes of this skate. For lightnesss, simplicity and durability, this skate surpasses any lever skate in the market.

#### BARNEY & BERRY'S AMERICAN RINK.

NUMBER



PATENTED April 8, 1873, May 2, 1876, February 20, 1877, March 20, 1883, February 12, 1884, June 9, 1885, March 1, 1887, March 15, 1887.

SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

Grade 3, Polished and Nickeled, \$4.50

Grade 5, Diamond Toe, \$5.50

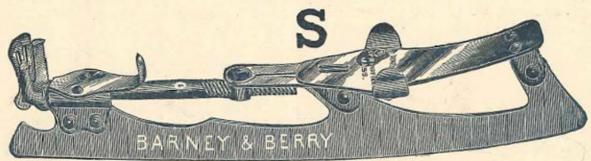
Made from the best of material, blades of welded steel, tempered by BARNEY & BERRY'S patent process. This skate is adjusted to any size shoe by a thumb screw at the heel, and secured by a lever operated under instep. All parts can readily be removed and cleaned, and are interchangeable with other sizes of this skate.

This skate has been remodeled since last season and as it is presently constructed we believe it to be the most convenient and secure side-lever skate ever offered by us.

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#### BARNEY & BERRY'S KEYLESS.

#### NUMBER



PATENTED April 8, 1873, May 2, 1876, February 20, 1877, March 20, 1883, February 12, 1884, and June 9, 1885.

SIZES, 8, 8½, 9, 9½, 10, 10½, 11, 11½ and 12 Inches.

Grade 3, Polished and Nickeled, \$4.00

Grade 5, Diamond Toe, \$5.00

The material used in this skate is of first quality. Blades of welded steel, tempered by BARNEY & BERRY's patent process. The toe and heel clamps are simultaneously adjusted and secured to shoe by the action of a thumb screw at heel, thereby making the most simple and effective keyless skate in the market. All parts of the numerous sizes are interchangeable, giving any desired adjustment.

#### BARNEY & BERRY'S RACER.



Patented April 8, 1873, May 2, 1876. February 20, 1877. March 20, 1883, February 12, 1884, June 9, 1885.

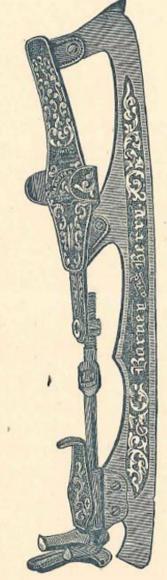
SIZES, 10, 10%, 11, 11% and 12 Inches.

Grade 3, Polished and Nickeled, \$6.00.

This skate is designed and made especially for fast skating. All material used in their manuracture is of the best quality. The blades are of welded steel, tempered by Barney & Berry's patent process. They are made extra long, and as light as consistent with strength. The mode of fastening to shoes is one of the most secure as well as simple and light. All things considered this skate has no equal for the fast skater, and we highly recommend it to the use of the Amateur and Professional.

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# BARNEY & BERRY'S EXPERT.



PATENTED May 13, 1883.

SIZES, 8, 8%, 9, 9%, 10, 10%, 11, 11% and 12 Inches.

Grade 4, Engraved and Plated, \$10.00.

Any style of fastening desired will be fi For further description see following page. silver plated. selected : is made from and sil r etched on blades, and r LH, LS, G, H, purchaser either our

#### BARNEY & BERRY'S EXPERT.

The blades of the "Expert" are finished with the Diamond Toe, which is used by all professional and expert amateurs throughout the world. It is essential to the more difficult fancy or figure skating, and is endorsed by all who have used it, as a feature requisite to a complete skate. At an additional cost of \$5.00 per pair the blades of the "Expert" will be made to order of any rock wanted, and of extra width if so desired. Diagrams and measurements should be furnished by the purchaser for this purpose.



#### BARNEY & BERRY'S ANKLE SUPPORT.

FOR LADIES' AND GENTS' USE.

PATENTED April 25, 1879.

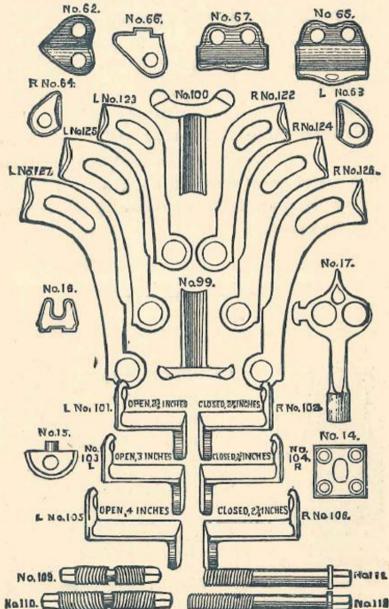
Grade 1, Blued, \$1.50 Grade 2, Nickeled, \$2.25

This Support can be applied to any of BARNEY & BERRY'S Skates, Numbers F, G. R, and S, and can be purchased separate from the skate. There have been many attempts at making ankle supports, but this is the only perfect article of the kind ever offered to the public. Strongly recommended

for ladies and children. When ordering please state if for ladies' or gents' shoe.

#### **EXTRA PARTS**

For Barney & Berry Skates, to be obtained of all dealers throughout the country. Full explanations and prices on following page.



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#### PRICES AND EXPLANATIONS

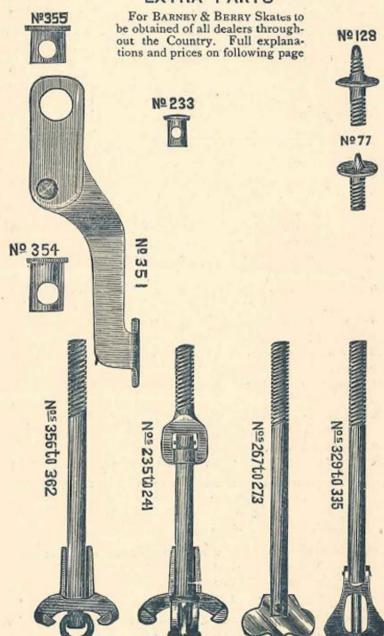
FOR EXTRA PARTS, USED ON BARNEY & BERRY SKATES.

We cannot supply Extra Parts for any style of Skate not shown in

NUM-	this Catalogue.	PRICE
BER	Heel Plates, for Club or Button Skates, per pain	
14	Nut for heel screw of F and G Skates,	5 cts.
15	Bridge, on which center of double thread screw v	
16		5 cts.
17	Key. Pat. July 23, 1867,	5 cts.
62	Heart Bracket, used on E, F, G and H Skates,	5 cts.
63	Toe bracket for left side of blade,	
64	" " right " "	5 cts.
65	Heel Bracket, used on right and left side F, G, I,	
	R and S Skates,	5 cts.
66	Middle bracket, used on I, K, N, R and S Skates	
67	Heel bracket, used on H, LE and LH Skates,	5 cts.
99	Heel clamp, used on ALL CLAMP and LEVER Skat	
	inches and below,	10 cts
100	Heel clamp, used on ALL CLAMP and LEVER Ski	ates 10
	inches and above,	10 cts.
101-	106 Double thread toe clamps, sizes open and	
	marked R, right, and L, seft side of foot,	each, 10 cts.
109	Short double thread screw for toe clamp,	10 cts.
110	Long	10 cts.
111		10 cts
112	" " " 100,	10 cts
122	and 123 Are toe clamps used on I, K, N, R and S	
	sizes 8 and 81/2 inch,	each, 10 cts.
124	and 125 Are same, used on 9 and 91/2 inch,	10 cts.
126	and 127 " 10 inch and all above,	10 cts.
	Parts listed at 5 cts. add 3 cts. extra for nici	keling.
	10 5	
	ce ce 20 ce ce 5 ce ce ce	
	« 40 « « 10 « « «	
P	Parts listed at 5 cts. add 5 cts. extra for polishing	and nickeling.
- 0.0	4 " 10 " " 10 " " "	**
	4 4 20 16 11 15 11 11 11	"
	44 44 40 44 44 20 44 44	**

parts named on following pages.

# EXTRA PARTS



# PRICES AND EXPLANATIONS

For 1	EXTRA	PARTS	USED	ON	BARNEY	&	BERRY	SKATES.	
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We cannot supply extra parts for any style of Skate not shown in this catalogue.

NUM			1770	7.415.115.115.115.115.115.115.115.115.115				PRICE		
77	77 Heel spur used on LW and LX Skate, all sizes,									
128	128 Heel screw, used on A Skate, all sizes,									
233 Stud, used on I, K, J, O, P, R and S Skates, all sizes,										
235 Screw complete as in cut, used on I, K & P Skates, size 8in.										
236	a	**	66	0 0		" 8½	& 9 ir	. 40 cts.		
237	**		**	** **		· 9½	& 10in	n. 40 cts.		
238	**	**	**			" 10 1/2	in.	40 cts.		
239	ec	**	"	ee te	-	" 11 i	n.	40 cts.		
240	**	ee	ee	** **		" 113	in.	40 cts.		
241	11	4.	tt	**		" 12 i		40 cts.		
267	to 273 Sci	rews as	in cut	used on J Skate	2,			10 cts.		
No.	270-		inch, 27	nd 9 inch, 269- 1—11 inch, 272						
329	to 335 Sci	rews as	in cut	used on O, R an	nd S S	Skates	2 1	10 cts.		
				nd 9 inch, 331-						
				3-11 inch, 334			The second second			
	335-	-12 in	ch.							
351	Lever as	s in cu	t, left sk	ate,				20 cts.		
352	Lever, r	ight S	kate,					20 cts.		
354	Stud, us	ed on l		Skates,				10 cts.		
355	Stud, '		"	**				10 cts.		
356	America	n rink	screw u	sed on 8 in. con	nplete	e as in	cut,	20 cts.		
357	66	66	44	" 81 & 9 in	. "	**	"	20 cts.		
358	**	44	"	" 9½ & 10 ir	1. "	**	66	20 cts.		
359	"	"	"	" 10½ in.	**	**	**	20 cts.		
360	**	"	**	" 11 in.	**	**	ee	20 cts.		
361	"	"	"	" 11½ in.	"	**	**	20 cts.		
862	44	44	**	" 12 in.	"	**	٠.	20 cts.		

# THE BARNEY & BERRY ROLLER SKATES.

UNEXCELLED IN DESIGN,

UNSURPASSED IN CONSTRUCTION,

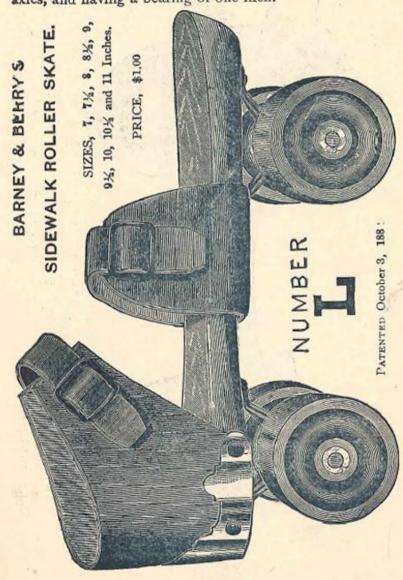
UNEQUALLED IN MERIT,

UNRIVALLED IN EASE OF OPERATION.

Among the leading advantages of Nos. "M," "J," "O" and "P" of the BARNEY & BERRY Roller Skates, may be mentioned:

- 1st. The oil well, an opening in journal extending to axle, which supplies the axle, wheels and journal bearing with oil.
- 2d. The use of steel springs in place of rubber, as the latter, both from use and effects of oil, varies in its elasticity, and when one worn-out rubber is removed to secure perfect action, it necessitates the renewal of all rubbers on both Skates, while springs do not require this and retain the same amount of elasticity.
- 3d. Owing to simplicity of construction these Skates are the lightest, the lowest, and run the easiest of any roller Skate in the market.
- 4th. The Barney & Berry roller Skate is noiseless as compared with other skates.
- 5th. The center of action coming on the axis and angle of trucks being slight, skating on the BARNEY & BERRY Roller Skate is similar to ice skating and position or inclination of body the same, without the bending of ankle as attended with skates whose trucks have considerable angle and whose center of action is on one side of the axis.

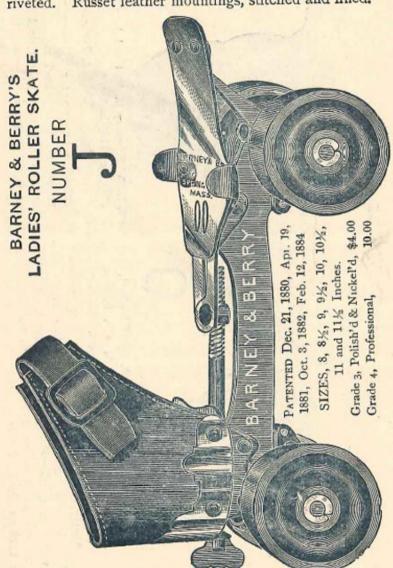
These skates are finished with French polished, light olored woods, black leather mountings, patent buckles, embossed heel bands, steel axles, and maple wheels secured to axle by our patent washer. This is the only sidewalk roller skate for the price, with revolving steel axles, and having a bearing of one inch.



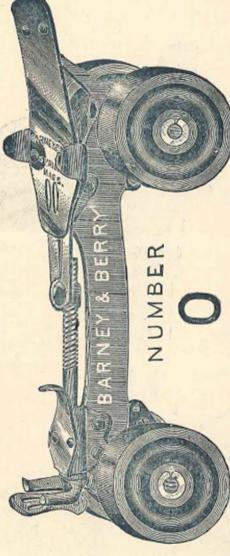
OIT WELL BARNEY & BERRY'S BARNEY & BERRY NUMBER

October 3, 1882, and February 12, 1884. and 12 Inches. Grade 1, Blued, \$1.76 9%, 10, 10%, PATENTED December 21, 1880, SIZES,

and polo playing, has foot plates, heel plates and sather straps. Mechanism for circling same as in The above skate, adapted for renting in rinks, riveted. frames of metal, strongly our higher priced styles A complete Ladies' Skate, no keys or heel plates required, skate being secured to shoe by strap at heel, and clamps at toe operated by thumb screw at heel. Foot plates, heel plates and frames of metal, strongly riveted. Russet leather mountings, stitched and lined.

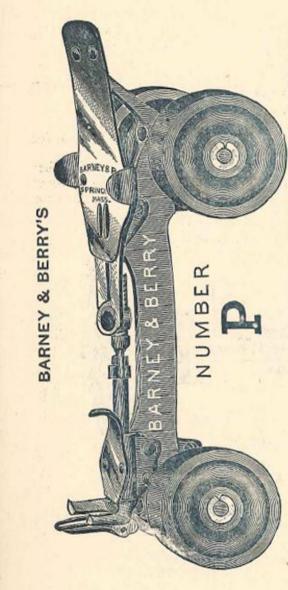


# BARNEY & BERRY'S



October 3, 1882, February 12, 1884 and June 9, 1885. PATENTED December 21, 1880, April 19, 1881, October 3, 1002, recommon SIZES, 8, 5½, 9, 9½, 10, 10½, 11 and 11½ inches.

Material used, of best quality. BARNEY & BERRY'S Mechanism for cir. ling and patented Oil well. No key required. Toe clamps are operated transversely and heel clamp longitudinally of the Skate, thereby preventing the boot slipping through the clamps, as is the case where transverse clamps are used at both toe and heel. The toe clamps, heel clamps and screws of the various sizes of this Skate are all interchangeable, giving any desired adjustment. Grade 4, Professional, \$10.00



37

April 19, 1881, October 3, 1882 and February 12, 1884. 9, 9%, 10, 10%, 11 and 11% inches. d, \$5.00 Grade 4, Professional, \$10.00 8, 81/2, PATENTED December 21, 1880, SIZES,

Grade 3, Polished and Nickeled, \$5.00

A simple and durable Lever Roller Skate, no rights or lefts, skates adjusted to shoe by the screw under instep and secured by lever at heel. Can be secured handily while on the the best, BARNEY & BERRY'S Mechanism as is the case with skates having thumb screw under instep and secured by lever at heel. floor without tilting the skate to one side or raising up, levers under the instep, Material and workmanship of the and patented Oil well. evers under the instep, thumb

#### **BARNEY & BERRY'S PROFESSIONAL** ROLLER SKATES.

Grade 4 Professional Roller Skates have an extra fine finish, frames, foot plates and clamps engraved, and name of purchaser engraved on frames, full nickel plate, journals and axles case hardened.

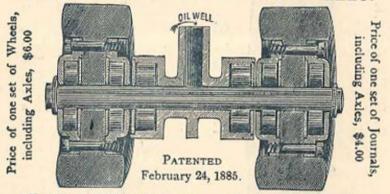
#### BARNEY & BERRY'S ROLLER SKATE, FOR RACING AND FIGURE SKATING.

SIZES. 8, 81/2, 9, 91/2, 10, 101/2, 11, 111/2 Inches.

PRICE. Polished and Nickeled, with Roll Bearing Journals and Wheels, \$12.00.

This Skate will be furnished at the above price with either our " J," "O' or "P' styles of fastenings, also without clamps, but having foot plates and heel plates drilled for small screws to be attached to sole and heel of shoe.

#### BARNEY & BERRY'S ROLL BEARING JOURNAL AND WHEELS.



All rolling parts of the above wheels and journals are of steel, case hardened, each truck consisting of 36 rolls, 1/4 inch in diameter, making a total of 144 rolls to a set. Testimonials as to the speed and durability of this Bearing have been received from the leading skaters. This bearing can be applied to the BARNEY & BERRY Skates only.

> BARNEY & BERRY'S ROLLER SKATE WHEELS

Boxwood, Bonsilate,	per set	(eight	wheels,)	 \$ .50
Solid Rawhide,	66	64	46	1,00
Celluloid,	44	66	es	2.00

# BARNEY & BERRY'S

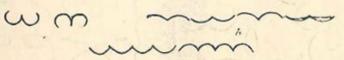
SKATING PROGRAMME. I. (a.) Plain forward. (b.) Backward movement. 2. Lap-foot, as in field step and in cutting a circle. Outside edge roll, forward. Outside edge roll, backward Inside edge roll, forward. Inside edge roll, backward. Cross-roll, forward. 8. Cross-roll, backward. o. Change-of-edge roll, forward-commencing either on outside or inside edge. 10. Change-of-edge roll, backward - commencing either on outside or inside edge. 11. (a) "On to Richmond," that is, cross one foot in front of the other, and with back stroke, outside edge, go backward. (b) Reverse "On to Richmond," that is,

going forward by forward outside edge, stroke given alternately behind each leg.

12. "Locomotives," forward, backward and sideways -single and double.

13. Waltz steps.

14. Spread eagles, inside and outside edges.



15. Figure threes. (a) Beginning inside or outside edge; on field and in eight. (b) "Flying threes." (c) Double threes, beginning inside or outside edge.

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16. (a) Grape vine. (b) "Philadelphia twist."

17. Toe and heel movements; embracing pivot circling, toe spins or pirouettes, and movements on both toes.

18. Single flat foot spins and double foot whirls.



19. Serpentines. (a) Single foot-forward and backward, right and left. (b) Following feet—forward and backward, right and left; in "two foot eight."

20. Figure eight on one loot, forward.



21. Figure eight on one foot, backward.

Changes of edges. (a) single. (b) double with turn.

outside edges; simple and in combination.

24. One foot ringlets, inside and outside edges; simple and in combination.

25. Specialties; embracing original and peculiar movements.

