

The Bicycling World

VOLUME I.
No. 2.

BOSTON, 29 NOVEMBER, 1879

[TEN CENTS A COPY.
\$2.50 A YEAR.]

CONTENTS

| | Page | | Page |
|--|------|--------------------------------------|--------|
| Advertising | 29 | Invention and Manufacture | 00 |
| Archers and Archery | 27 | Our Exchanges | 23 |
| Club Directory | 23 | Personal Items | 20 |
| Club Doings | 19 | Queries and Answers | 25 |
| Coming Events | 26 | Races | 20, 23 |
| Correspondence | 21 | Relative Athletics | 27 |
| Currente Calamo | 17 | Special Notices | 25 |
| Editorial | 24 | Tours and Excursions | 19 |
| Glances Abroad | 23 | Tricycles, Velocipedes, etc. | 00 |
| Headers | 26 | | |
| An Interview with John Keen | | | Page |
| The Clubs Reviewed. II. Hartford Bicycle Club | | | 17 |
| Our New York Letter | | | 18 |
| Jack Easy's Letter | | | 21 |
| Housing. — Concerning Learners | | | 22 |
| Quiver and Target. — The Boston Athletic Association | | | 24 |
| Sad Fate of Jonathan Juggs | | | 25 |
| McFarland & Brown | | | 26 |
| Advice to Professional Men | | | 27 |
| | | | 28 |

CHARLES E. PRATT Editor and Manager.
THE BICYCLING WORLD CO. Publishers and Proprietors.
Address: 40 Water St., Boston, Mass. See pp. 25, 29.

CURRENTE CALAMO

We know a man so tender-hearted that he won't squeeze lemon on his "half shell," because it must make the oyster's eyes smart.

There were, on the first instant, thirty-five bicyclers in New York City.

Smoked kangaroo tongues are a delicacy sold by fancy grocers in San Francisco, says the *Boston Advertiser*. They might be good diet for some of our wheelmen who spring to saddle *à la* Terront, or who have a Keen appetite.

Our thanks are due to Rockwood Hoar, Esq., who so ably defended Mr. Brown, for an account from which we have prepared our Court Report in this number.

That piece of Jugglery in verse is from our Jersey correspondent, who is not, however, a descendant of the late lamented Jonathan Juggs, Esq.

The Crimson says, "The bicycle races bid fair to take a permanent place among our college sports." We are waiting to know how *The Yale Record* views it.

It is a long way from the quiver to the target, and skill in sending the true arrow comes only by practice; but we will hope to hit the gold at least once a fortnight and make a goodly score by the end of the year.

"After Dark in Boston" is a current subject with the *Globe* now. It has been one with bicyclers ever since the diminished burners were put on the street lights. Three stars and a new moon suffice to make these lesser flames cast shadows. We heartily second the *Courier* in condemning this mock economy of three-foot burners where

the lights are so far apart and the price of gas has been so much reduced.

"I like your paper," said Mrs. Pinipucker to us the other day, — "it's a complete bicyclopædia."

"Half of an interview with John Keen" is only one of the interesting things left over for want of space in this number. Like competitors in other athletic fields, we are limited by the rules of the — pages.

Cycling asks: Was it Tom Hood who wrote the lines on this dreary month, complaining about there being

"No travelling at all — no locomotion —
No inkling of the way — no notion —
'No go' — by land or ocean.
No bicycling, no tricycling.
No comfortable feel in any member,
No — vember!"

Each on his narrow seat of porcine hide,
The gay forefathers of the future ride.

AN INTERVIEW WITH JOHN KEEN.

Unquestionably the most interesting bicycling character who has visited us from abroad is Mr. John Keen, — or "Happy Jack," as his countrymen familiarly speak of him, — the English professional, now in Chicago. His graceful and effective style of riding, his frank and honorable deportment, gain him friends everywhere; while his long experience both as a maker and a rider of the bicycle, and his brilliant record on the racing path, have made him not only well known to those who have never seen him, but also an authority from whom wisdom may be drawn.

Believing that something from him would especially interest the readers of the BICYCLING WORLD at this time, a representative of this paper waited upon Mr. Keen, at his hotel in Boston, on 16 November, and requested a conversation for publication. He appeared somewhat unfamiliar with the American invention of "interviewing," but gave a very courteous reception, and the substance of his conversation follows, in a condensed form, with many questions left out, as well as some of his replies: —

I began the manufacture of bicycles on my own account in 1870, and made racers and roadsters, the registered name of which is "Keen's Eclipse." Amongst the improvements in style and construction which I have been the first to introduce, are the centre steering-head with cone centres, in 1871, roller-bearings, the direct spoke, the hollow fork, — I made this latter in 1876, in flattened tubular form almost a true oval. The single hollow fork is still the best, the double hollow fork being in my opinion less rigid and weaker, and merely a trade catch. I was also first with the lever brake on front

wheel, the divided handle bar screwed into the handle lugs on either side, the "rat trap" pedal. — I made one and showed it to a gentleman who said, "It looks just like a rat trap;" hence its name. — also the toe-clip, on the pedal, to prevent the foot from slipping, and the single back-fork perch. This latter has the advantage of being stronger, keeping grit out of the bearings, is more easily adjusted as to the bearings, and don't twist. I have made all my machines so for about two years, and they never go wrong.

I am always more particular, in the machines I use myself, to get the saddle and pedals just to fit, than about any other part of the machine. You want the front of the saddle about an inch lower than the back; don't have it cocked up too much at the back, nor too near the fork. I never leave the front point of my saddle nearer than two inches from the fork. This is for safety, and that the legs may be more free. The pedals ought to fit the width of the foot, and the sole of the shoe should not be too thin. A man five feet eight inches in height ought not to have a machine larger than 54 inch, with $4\frac{1}{2}$ inch crank, for racing. Always use the same length of crank for road or racing path. On the road I sometimes use a 50 inch, and sometimes a 52 inch, while in racing I use a 54 or 56 inch, but I keep the same *reach*, that is the same distance from pedal to saddle, having the saddle raised on more spring, and slightly further back, and a thicker tire, etc., for road riding. As to weight of roadsters, it depends upon materials and make; all you want is strength. I think a well-made machine from 36 to 40 pounds in weight is heavy enough for an average man for road use. [*To be continued.*]

THE CLUBS REVIEWED

II. HARTFORD BICYCLE CLUB.

It is just one year ago this month that the first bicycle made its appearance in the streets of Hartford, Conn. Month after month showed some new votaries to this most delightful of exercises; and when the spring was fairly upon us we could count a dozen riders. About this time a great deal was said concerning the formation of a club, but there seemed to be somebody wanting in the necessary executive ability, or in interest enough to go ahead, and we dallied along till fall before anything more was said about a club. Meanwhile, during the summer, a great many new riders had made their appearance on the streets, and the old ones had developed into fine riders, notably R. C. Wander, who, with Mr. Arthur Eddy, between the heats of the trotting match at the county fair at Charter Oak Park, went around the first mile in 3.45; when they had finished the first mile, Mr. Eddy, supposing Wander was going to stop, dismounted, while Wander kept on, making his second mile in 3.21; being timed by the judges of the day. Mr. Wander also made his half mile recently in 1.32½. We also have other fine riders, such as Clark Lawrence, who, with Mr. Price, have just returned from a trip to Vermont, they going the whole distance on their machines.

In response to a call to the riders in this city, to have a meet on Saturday, the 4th Oct., 1879, thirteen came. The run was from the corner of Washington street and

Capitol avenue, to New Britain and return; distance, twenty miles; roads rather hilly and extremely dusty. The start was at 1.15 p.m., and at the signal the line moved off in double file. In an hour and a half New Britain was reached without any serious mishaps, except having to wait for those inexperienced ones, who were necessarily getting "croppers."

The stay in New Britain was only long enough to have some photographs taken (through the kindness of Mr. Olmsted, one of the riders), when the signal to return was given, and from that time till the riders reached Hartford, it was a hard pull for first place. The first hill that was descended on the way back succeeded in throwing our Chinese rider, "Chang," so as to compel him to seek some other mode of reaching home, as the backbone of his machine was badly bent. The first to arrive home were the trio, Wander, T. Harrison, the well-known professional, and Arthur Eddy; time, 50 minutes; then came E. Copeland, R. Perry, and Will Howard; these three also came in a bunch — time, 55 minutes.

After this meet the bicyclers of Hartford saw the necessity of forming a club, and steps were at once taken in that direction, some of which have been reported in the columns of the *Bicycling World*. Our club is now established, with twenty-two members, and has every prospect of success. A list of our present officers and members follows.

LEE.

OFFICERS, 1879-80.

| | |
|--|--------------------|
| <i>President</i> | GEORGE H. DAY. |
| <i>Captain</i> | T. BELKNAP BEACH. |
| <i>Senior Sub-Captain</i> | CLARK LAWRENCE. |
| <i>Junior Sub-Captain</i> | RICHARD WANDER. |
| <i>Secretary and Treasurer</i> | WILLIAM L. HOWARD. |

Club Committee.

| | |
|-----------------|------------------|
| GEORGE H. DAY. | FRANK ROBINSON. |
| W. L. HOWARD. | E. S. HOUSE. |
| A. H. OLMSTEAD. | FRANK E. BELDEN. |

MEMBERS, 15, NOVEMBER 1879.

| | |
|------------------------------|------------------------------|
| Appleton, E. D., Jr. | Trinity College. |
| Beach, T. B. | Charter Oak Building. |
| Beach, Geo. W. | 111 Elm street. |
| Belden, F. E. | 5 Clinton street. |
| Copeland E. F. | 5 Grand street. |
| Day, Geo. H. | Hartford, Conn. |
| Eddy, Arthur H. | 57 Sigourney street. |
| Fairfield, Geo. | Care Weed Sewing Machine Co. |
| House, Edwin S. | 57 Buckingham street. |
| Howard, Wm. L. | 687 Asylum avenue. |
| Hickmott W. J. | 161 Maple street. |
| Lawrence, Clark | 357 Capitol avenue. |
| Lanman, J. K. | 1542 Broad street. |
| Manning, Dr. Wm. H. | 405 Main street. |
| Nelson, William | Trinity College. |
| Olmsted, A. H. | Hartford, Conn. |
| Penfield, Fred. C. | 30 Asylum street. |
| Perry, R. D. | 19 Russ street. |
| Price, John B. | Care Weed Sewing Machine Co. |
| Robinson, T. M. | 38 Charter Oak place. |
| Woo, Yang Tsang | 697 Asylum avenue. |
| Wander, Richard | 241 Asylum street. |

THE RT. HON. ROBERT LOWE, M. P., who knows from experience, says that an abrupt dismount is much more likely to frighten a horse than is remaining in the saddle and speaking to the animal. Also, "I am not surprised at the small number of accidents. The public has the best security it can have; the machine is under the control of a man, and that man is the person most exposed to danger if any accident happens."

TOURS AND EXCURSIONS

BROOKLYN, N. Y., 12th Nov., 1879.

Editor of the Bicycling World:—

DEAR SIR,—For some time past the excellent macadam reported to us as intersecting and lying between the various small townships in that part of New Jersey bordering New York City had occupied the serious attention of the Brooklyn Bicycle Club; but it was only last week that decided action was taken to put them to the test. In response to a call for a day's run in that locality, on election day, six members put in an appearance at the meet, which, as arranged, was upon the Brooklyn Wharf of the Annex Ferry to Pavonia, at 8 a.m. We were aware that whenever we landed in Jersey City a somewhat long and tedious jaunt through the poorly paved streets of that slatternly town was inevitable. We learned, however, that Pavonia was the most favorable landing from which to reach the good macadam high road to Newark, our first objective point. A strong and bitterly cold wind was blowing, and for the first time this winter our wheels passed over ice; but we soon confirmed the fact that a low temperature need be no detriment to the bicyclist, providing everything else is favorable, for we had hardly got well into action before our finger tips and noses contained the only chilled blood in our bodies, and soon these extremities participated in the general glow from which our spirits soon caught the infection. It took us perhaps half an hour, part riding and part walking, to reach what is thereabouts known as the "plank road" to Newark. This road, however, is actually a fine smooth macadam, perfectly level and really excellent riding, continuing rather more than three and one-half miles over the "Jersey Flats." As may be imagined the route here is not interesting as far as scenic effects are concerned; but, given a good road, what further poetry does a bicyclist need than that of his own motion? As we neared Newark trees edged the road and happily shut out the dreary waste of landscape beyond and at the same time lent us welcome shade from the wind. On our way across Newark we had again the unpleasant option of cobblestones or sidewalk for fully a mile and a half. At length we reached Central avenue, the splendid highway from Newark to Orange. We were not disappointed in this much lauded avenue; although not so rigidly level it was even smoother and better riding than that which had satisfied us so well into Newark. Well made and kept, it had the additional advantage of running through a piece of landscape in refreshing contrast to that behind us, and part of its beauty lies in its undulating character. Nor were the gradual inclines troublesome to us even with a strong head wind, and every rider knows what that involves. At Grove street we deviated somewhat from our direct route and visited a friend at East Orange. We were surprised to find the cross road equally as good as the avenue, and as we traversed their smooth surfaces we marvelled that our fascinating sport had not taken hold more generally in that part of Jersey.

Retracing our tracks we were soon in the core of the town of Orange *primus*, some two and one-half miles from Grove street, and here we halted again for visiting purposes.

[To be continued.]

CLUB DOINGS

"BANGOR BI. C."—From this alleged club uncheerful news is received, making it necessary to omit the name in the "Club Directory," to be restored, it is hoped, at some not distant day. "There is no club organization here now. Some eight bicyclers are in the city who have machines, but each rides for himself. Sometimes three or four make excursions into the country, thirty miles or more. The best riders are H. E. Bliss and Mr. Buck, the latter riding daily."

CHAUNCEY HALL BI. C.—On Monday, 10 Nov. 1879, a bicycle club was formed by members of the Chauncey Hall School in Boston, Mass., with a list of twelve members and officers as follows: Pres't and Captain, J. G. Coolidge; Sub-Captain, W. S. Tufts; Sec'y and Treas., F. R. Miller, 750 E. Fourth street, South Boston, Mass.

CRESCENT BI. C.—The costume adopted consists at present simply of a dark blue turban cap, with monogram of a crescent, and the letters B C worked, the former in silver and the latter in gold; and navy-blue stockings; all other parts of dress being left to choice of wearer. The club colors are gold, silver, and blue. The meetings are held at the St. James Hotel in Boston, and, as last reported, the number of members is twelve.

HARTFORD BI. C.—Has adopted a club uniform of gray with blue trimming, blue stockings, and polo cap with monogram. It had, on 15 Nov., 1879, twenty-two names on its membership roll.

LYNN BI. C.—This club elected, on 5 November, (besides the officers named in No. 1 of the BICYCLING WORLD), F. A. Winship, as Bugler, and A. H. Brown, as Guide. It also adopted blue as the club color, and a badge in the form of a shield to hang from a pin; those for officers to have their rank marked on the pin.

SALEM BI. C.—These lively wearers of the "blue and the gray" indulged in a run, on 30 October, to Medford and return, under command of Acting-Captain Philbrick. They were joined at Lynn by several members of the Lynn Bi. C., and one of the Mass. Bi. C., and after a forenoon full of amusing incidents and adventures they enjoyed a dinner at the Medford House, "to which the company did such ample justice that nothing but the table furniture was observable at the close." The first eleven miles of the afternoon run were covered in forty-minutes. "Death and the invalids" were left far behind, and the home return was effected before evening.

Reports from several of the clubs indicate considerable additions to the membership rolls.

The bicycle races of the Suffolk and Harvard Clubs, which were appointed for Saturday, the 15th of November, at Clyde Park, were given up for want of a sufficient number of entries.

The joint meet and run of the Boston and Massachusetts Bi. Clubs, assigned for the 14th inst., was postponed to the 21st, and then to December 2d, — both times on account of inclement weather. On the last named date *met* — at table — will be held, snow or no snow, as the committee say.

Eight "Columbia" bicycles were shipped this week to Mexico. Those Mexicans are to be envied, with a climate which admits of their riding all winter.

RACES

HARVARD BICYCLE CLUB.

The races at the Fall Meeting of this club on Jarvis Field, held 14 November, 1879, at 4.15 p.m., were attended by a large and enthusiastic concourse of spectators. The programme and results were as follows:—

1. Mile race (open), two trial heats; in the first J. A. C. Wright, '81, and R. C. Sturgis, '81, entered, and the latter won in 3.34½; in the second, W. D. Swan, '81, and F. L. Creesy, '82, and the former won in 3.36½; in the final heat, later, Swan came in winner in 3.22½.

2. One-hundred-yards slow race, two trial heats; in the first, G. L. Cabot, '82, and J. H. Taylor, B. 1., entered, and the latter won; in the second, J. A. C. Wright, '81, A. J. Abbe, '81, and F. L. Creesy, '82, entered and Wright won; in the final heat, later, Taylor was winner, in 4.08½.

3. Mile maiden race (men that have never taken a prize); W. H. Herrick, '82, and S. Williston, '82, competed and the latter won in 3.47½.

4. Two-mile handicap race, in which A. J. Abbe, '81, was allowed 90 yards, S. Williston, '82, 75 yards, R. C. Allen, '80, 50 yards, J. A. C. Wright, '81, 40 yards, and W. D. Swan, '81, was assigned to scratch; Swan came in winner in 7.30½, with Williston second in 7.31.

The Referee was W. N. Thayer, '81; Judges were, F. H. Allen, '80, and C. A. Parker, '80; Starter, W. Kane, '82; and Time-Keeper, E. J. Wendell, '82.

THE RACES AT BOSTON in the large tent on Huntington Avenue and West Newton St., during the week beginning the 10th and ending the 15th inst., were more successful and more interesting than those of the week before. The weather was kinder, the attendance and enthusiasm of spectators was greater, and the contests were of character and quality at once more entertaining and more instructive.

As they were carefully and racily written up in the *Boston Herald* and the other daily papers, however, I shall only give in this report a summary, which may serve as a record of the events of this second and last week of the visit of our courteous and accomplished foreign visitors and the few Americans who went upon the track during that time.

The events are given in the order in which they occurred, as follows:—

1. Monday, 10 Nov., at 7.30 p.m., Keen v. Stanton in a fifty-mile race, reported in *Bicycling World*, p. 6; Keen winner in 3.10.01.

2. Tuesday, 11 Nov., at 7.30 p.m., W. Cann one hour against distance; score 15 miles, 3 laps (lap = ½ mile), and 80 yards, the quickest mile being made in 3.45.

3. Same evening, a five-mile handicap amateur race, run in heats; in the first trial heat, J. P. Turner, scratch, W. S. Tufts, 25 yards, and N. M. Ladd, 75 yards, started and Tufts won in 19.06, time of the others being, Turner, 21.06, Ladd, 21.30. In the second trial heat, J. P. Livermore, scratch, B. H. Bleman, 25 yards, W. M. Stall, 35 yards, W. W. Allen, 50 yards, started, and Stall came in first in 19.25, Allen second in 19.34. In the third heat, later, Stall came in winner in 21.22, and Tufts second in 21.25. Allen was badly thrown on the sixth lap of the third mile and disabled from continuing.

4. Same evening a twenty-mile spin between J. Keen and C. Terront, won by the former by half a second, in 1.14.31.

The races set for the 12th inst. were prevented by a heavy rain.

5. Thursday, 13 Nov., in the afternoon, a two-mile handicap race between J. Keen, scratch; C. Terront, 50 yards; W. Cann, 80 yards, and D. Stanton, 80 yards; best three in five heats. It was a very exciting event. Four heats were run, Stanton winning, and making the fastest two miles in 6.54. The times of the men in each heat were—

| | First heat. | Second heat. | Third heat. | Fourth heat. |
|---------|-------------|--------------|-------------|--------------|
| Keen | 7.06 | 7.06 | 7.07 | 7.06 |
| Stanton | 7.00 | 7.01 | 7.00 | 6.54 |
| Cann | 7.05 | 7.05 | 7.01 | 7.05 |
| Terront | 7.05 | 7.00 | 7.01½ | 7.03 |

6. Same date, in the evening, a fifty-mile race, in which Thomas and George Harrison, with a start of five miles, and

allowed to relieve each other at intervals of five miles each, competed against C. Terront, and succeeded, after a hard struggle (in which George did most of the riding, owing to an injury received by Thomas), in winning by five laps in 3.05.02. Terront's time being 3.08.27. Terront covered 16 miles 7½ laps in the first hour, 16 miles 7½ laps in the second, and 16 miles 1 lap in the third. Terront's fastest mile was made in 3.27½; T. Harrison's in 3.32; and G. Harrison's in 3.44.

7. Friday, 14 Nov., at 2.30 p.m., a twenty-mile race between W. Cann and C. Terront, won by Terront in 1.11.48, by four seconds. Terront's time for five miles was 19.46; for ten miles, 37.34; for fifteen miles, 55.19;—Cann's time at fifteen miles being 55.22.

8. Same date, at 7.30 p.m., Keen against time for ten miles. His first mile was completed in 3.42, first five in 17.51, and the ten in 35.46; his fastest miles being his third and fourth, which he rode in 3.31.

9. A five-mile handicap tournament, in three heats. In the first, Cann, with 200 yards, against Keen, scratch, won in 17.27; in the second, Keen, scratch, against Stanton, with 200 yards, won in 17.35; in the third, Keen, scratch, against Cann, 200 yards, won in 18.20.

10. Saturday, 15 Nov., at 3.20 p.m., ten miles. Stanton, with 30 seconds' start, against Keen, scratch, won in 36.47. Keen's fastest mile 3.29; Stanton's, 3.39.

11. Same date, at 7.30 p.m., a twenty-mile race between Cann and Stanton, starting even; won, after a close and exciting struggle, by Cann, in 1h. 15m., by more than a lap, Stanton being 38 seconds behind. Cann's fastest mile was 3.27; Stanton's, 3.30.

12. Same evening, Will R. Pitman against time for five miles. His fastest mile was his third, in 3.43; and he covered the five miles in 19.21.

13. Same evening, twenty-mile race between Keen and Terront, in which the latter was obliged to change machines in his third mile, and soon after had a fall and retired; Keen completing ten miles only, in 37.20, his fastest mile, his third, being in 3.28. Terront's first mile was also in 3.28.

14. Same evening, W. S. Tufts (C. H. Bi. C.), two miles against time. He made the first mile in 3.45, and the two miles in 7.48. This closed the events of the week, and the first chapter of Harry Etherington's team in Boston.

TWO-MILE BICYCLE RACE, at the West Side Driving Park, Jersey City, N. J., at the fall meeting of the Orion Rowing and Athletic Association, on 8th. Nov. Only two entries, and J. Faley (Gr. A. C.) won over C. Koop (Brooklyn Bi. C.) in 8.53½.

AT LANCASTER Driving Park, Penn., bicycle race, mile heats, best 2 in 3, G. Gibson, 1, 3m. 35s., and 1, 3m. 48s.; G. Collier, 2 and 3; Deyron, 4 and 2; J. Holman, 3 and 6; B. Fitzgerald, 5 and 4; F. C. Stakks, 6 and 5.

Boy's bicycle race, half mile, first heat, B. Haber, 1, 3m. 4s.; second heat, L. Norbesk, 1, 3m. 5s. Quarter-mile race, J. R. Mercer, 1, 1m. 15s. Half-mile, W. Webb, 1, 2m. 48s.

PERSONAL

Ages of Harry Etherington's "Anglo-Franco Team": David Stanton, 33; John Keen, 29; William Cann, 27; Charles Terront, 24. Harry don't tell his years, nor do his years tell on him.

The BICYCLING WORLD representative at the tent the other week remarks that it was a very willing "team," Terront being willing to do most of the work, and the others being willing that he should.

Mr. W. W. Allen, Boston Bicycle Club, victim of what our English cousins would call "a nasty cropper," at the same race, has nearly recovered from his injury, and claims that he was compelled to choose between two fouls. He learned one or two things, too. He is one of the fleetest and longest riders on the roads, but has been singularly unfortunate on the racing path the few times he has entered.

20364

Mr. W. W. Stall, who showed so much ability in the recent five-mile handicap amateur race in Boston, rode a machine too small for him, and on an empty stomach, which he says was "like a bass-drum—empty and large." He learned something to profit by in that race, as did several others.

Mr. W. S. Tufts, who ran in the same race, is sub-captain of the Chauncey Hall Bicycle Club, and his riding was much complimented.

The most artistic bit of advertising seen this many a day is the large seven-stone lithograph of an imaginative scene at Chestnut Hill Reservoir, with a tasteful setting, issued by the Pope Manufacturing Company.

The favors of "Jack Easy," the Boston commentator, and "Kol Kron," a New York correspondent, will be appreciated in the BICYCLING WORLD as they were aforesaid in the *American Bicycling Journal*. The latter was of the Yale Class of '69, and is on the staff of one of the leading New York dailies.

Harry Etherington, under a spur contained in our Number 1, says: "I am ready to run against any amateur in America; should like it the best two in three heats for two miles, or any distance up to one thousand miles. I was at Providence, R.I., ready to meet Mr. Johnson, but he did not show up. Put it as a challenge or a personal, as you please." And further, "On behalf of Mr. Cann, I challenge T. Harrison and Prof. Rollinson for any distance, and any practicable time and path they like to name."

Mr. J. H. Wade, the genial captain of the Cleveland Bi. C., was the pioneer bicyclist in the city of that name, where he made his first appearance 1 June, 1879. He attracted much attention then, but now divides it with a goodly number of members of a bicycle club which has sprung up about him.

BICYCLE vs. HORSE. The following challenge appeared in the *Boston Herald* of the 18th inst.:—

To the Editor of the Herald.—The undersigned, champion bicyclist of the world, now on a tour in this country, and hearing of the good records made by trotting horses owned by Boston gentlemen, would like to have a race before returning. I will ride 20 miles on my bicycle, against any trotting horse that can be produced, he to cover the same distance, over any suitable track. Also, if I may be allowed to select the course, I will run one mile against any trotting horse. Inasmuch as my best time for one mile is 2m. 43s., and the best trotting record is 2m. 12½s., I will make a match only with reasonable odds in my favor—say, \$400 to \$100. Address

JOHN KEEN, Bicyclist, *Boston Herald* Office.

Nov. 17, 1879.

Reading of "fine riders" in the Hartford Club, reminds us of the gallant and companionable presence of MM. Fairfield and Beach on the first grand over-night company run in September last. Perhaps the developments of that occasion hastened the formation of our Hartford sister organization.

Mr. J. C. Thompson, of New Haven, Conn., is building a large rink expressly for the use of bicyclers this winter. It is to be 150 × 75 feet, and to have two tracks, one for learners and one for riders.

The same enterprising gentleman has opened an agency for bicycles in Springfield, Mass., and will probably give the people of that vicinity all the bicycle they will take.

Mr. FRANK W. WESTON, Boston Bi. C., whose fertile mind and ready hand has designed so many attrac-

tive things for bicyclers, has connived with a skilful hatter, and produced a unique and tasteful felt helmet, which is looked on favorably, as a choice pattern for adoption, by representatives of two clubs already. It is a good thing, and needs only to be examined to be approved.

THE FOLLOWING must be a *Spiritism*; we clip it, however, and trust some one will rise to explain, or take a hint to give us the true facts, in future, in advance:

BICYCLING EXCURSION.—Nov. 16, a dozen Metropolitan bicyclists assembled at corner Fifty-ninth street and Eighth avenue, bound for Yonkers positively, and Tarrytown probably. Some came to grief at obstinate curbstones, others tumbled, pell-mell, down Carmansville Hill, and piled themselves in a confused heap on the One Hundred and Twenty-fifth street railroad tracks. One machine broke down at Kingsbridge, and the village blacksmith spent three hours in repairs, and finally all but four of the starters reached Yonkers about two hours later than they could have arrived by walking, and returned to New York City by railroad.

CORRESPONDENCE

KOL KRON writes: "The New York Park Commissioners gave orders 15 Nov., that all bicycles and velocipedes should be excluded from the broad sidewalks which bound the Park on the south (59th st.) and east (5th ave.) sides. These vehicles, however, are still allowed on the 8th ave. walk (which bounds the Park on the west), and on the other sidewalks of the city."

A CORRESPONDENT at Yonkers, N. Y., writes under date of 15 Nov.: "Our riding school here is just finishing its fourth week, and has turned out at least forty riders. I take a class twice a week on the road—we go to-morrow to Tarrytown and return. I use a 52-in., and do *all* my travelling with it, never less than five miles a day, and begin to feel quite at home with it. Neither snow nor rain has yet kept me indoors."

A BACK-WINDOW VIEW.—A Philadelphia correspondent gives us a glance at a local club thus: "Last evening [a certain] Bi. C. met at Horticultural Hall and had a rehearsal of the 'bugle calls,' one of the members supplying the bugle and playing it, while the sub-captain 'called' the figures. Things went pretty smoothly, until both captain and bugler *played* it on us a little. The bugler playing something, we know not what, and the captain failing to explain, the boys were nonplussed; some dismounted, some attempted to form twos, others quickened pace, and there was a general mixture for a while, that was rather ludicrous. *This* portion of the drill was, of course, warmly applauded by the unattached."

OUR NEW YORK LETTER.

NEW YORK, Nov. 13, 1879.

A review of the past season shows us many encouraging signs of progress for our favorite steed, in this section,—a section in which strong popular prejudice and natural topographical difficulties unite to retard it. The large majority of thoroughfares in New York are unridable, and the authorities have, with inexplicable antagonism, forbidden the use of the remainder. Riding in Central Park is positively interdicted, while in Brooklyn the superb asphalt pavements are only available at night and in early morning.

In Prospect Park the far-seeing commissioners allow the indiscriminate use of the crowded walk, without bell, brake, or restriction as to speed. But the roadway, the legitimate place for all vehicles, is denied, riders being forced to dismount in *crossing* one. In Jersey, bicyclers are more highly favored, especially in Essex and Hudson counties, where hundreds of miles of perfect roads and unrestricted liberty afford the height of bicyclic enjoyment. No meets of special importance have taken place. The Essex and Brooklyn Clubs had a fine joint run to Brighton, and both clubs have given many regular runs during the season.

There have been about a dozen races in New York and vicinity this year, given mostly by athletic clubs in their regular meetings. The universal American complaint of poor tracks resulted in many of them being mere exhibitions of muscle, not speed; but a few have shown records which are certainly not disgraceful, considering our infancy in the sport. That of most importance was, of course, the fight for the amateur championship, a report of which appeared in the late *American Bicycling Journal*. To Mr. S. B. Pomeroy, M. A. C., E. B. C., fell the honor of lowering the American two-mile record below seven minutes, he having run that distance in 6.59 $\frac{1}{2}$. He has also won several other races in very creditable time. The amateur champion, Mr. L. H. Johnson, E. B. C., has won nine first, and three second prizes in the fifteen races in which he has contested. Messrs. Knight, Field, Lawson, Bellman, and Noelle, have distinguished themselves upon the racing path this season, and many others will doubtless join the ranks next spring. The 72-hour professional race was such a palpable fraud as to be undeserving of notice in these pages. Suffice it to say that the official score showed astonishing bursts of speed on the part of the projectors and winners (?) of the race. For example: 10 miles in 19 minutes. A young Irishman, just come from England, claims a record of 2.54 for the mile, and to have beaten East with 70 yards' start. His demeanor soon caused him to be protested as a professional, which protest is now in the hands of the National Association.

The great need of bicycling New York is a suitable path for racing, and it is probable that one will be constructed during the next season. A macadam track, 3 laps to the mile, with raised corners, is a project under the consideration of the Essex Bicycle Club. It would be situated in or near Newark, 30 minutes from New York, and accessible from it by four lines of rail and a superb macadam road.

Gotham extends to the *Bicycling World* its heartiest greeting. May it live forever is the wish of Ixion.

JACK EASY'S LETTER

Complimentary. — The old Journal. — The Transatlantic Team. — The Tent and the Track. — The proposed new Boston Tracks. — The Winter Season, its Probabilities, its Opportunities, its Enjoyments. — Sleighs versus Bicycles. — Don't defer. — Learn to ride now.

Boston, 24 November, 1879.

Editor of the *Bicycling World*:—

Permit an occasional correspondent to the intermittent but not therefore less valued old *Journal* to express to me of his gratification at the appearance of the first

number of the bright, newsy, and attractive *WORLD*, not long since received, and just perused, from the antique title-heading to the last word of the final advertisement. Knowing how prone editors are to blushing, I will forbear writing the many complimentary comments which are at my pen's end, but must say that I think you will find it difficult to substantiate your statement on your first page, which reads "nor is the *BICYCLING WORLD* perfected in one number." I don't quite accept your assertion that the *WORLD* is in no sense a continuation of the *Journal*, because to me, at all events, it will be a continuation of it in every sense. As a record of American Bicycling the one will certainly not be complete without the other, and I hope in the future to see the bound volume of the one side by side with the others in my book-case, each giving me, in its completeness, all of information and of interest which I cannot find in the other.

But I must not make my first letter a commentary on the paper it is written for, nor on the views or statements of its owners, so I will dismiss this part of my theme by hoping that all there was of good, of enterprise, and of success in the old *Journal* may be indeed continued in the new *WORLD*; that it may reach us regularly and permanently, and that it may circulate wherever "the wheel" goes round.

Of course the topic among bicyclers in this city has been the visit of the transatlantic champions. In common with all the wheelmen, I have been a constant attendant at the races and exhibitions which they have given at the Back Bay tent, and with each visit I have become more ashamed of the mean accommodations and opportunities which the Hub has afforded them for the display of their skill and endurance. First of all, a tent! November, too, and snowing at that, so that during the mornings of the sixty-hour race, the unique spectacle of bicycling athletes whirling round, clad in great coats and thick gloves, was to be beheld by the shivering spectators. No wonder that the "gate," for the first half of the day, at all events, hardly paid for the keeping. And then the track, — eight laps, with semi-circular end struck from a thirty-foot radius, and a width of ten feet. It speaks well for the fairness of the contestants that any rider was allowed to pass another at all, and well, too, for their ability, that even 3.10 was accomplished. How Jack Keen, with his 2.46 record, must have fretted when he found himself utterly unable to let himself out, or even to approach his average. But in Chicago, whither the team are now bound, I am told there is a building in which can be laid a four-lap track of ample width, and with easy corners, and I shall hope in an early issue of the *WORLD* to read that our visiting riders have been afforded an opportunity to display some of the capabilities of the modern wheel, which this country has not yet given to them. In the mean time, the project to build, in this city, a five-lap track, twenty-five feet wide, roofed over and enclosed in a permanent building, should be supported by all who have any influence in that direction. Even those who are not interested in bicycling should become interested in this, for such a building would provide an auditorium some 470 feet long and 200 feet wide, which could be covered, when needed, with a movable floor, and would afford seats for an audience of some 10,000 persons. With such a building, the orators of the coming political year would find their labors made

easier, and the advent of a Beecher or a Talmage would not be regarded by church committees as so much of an infliction on account of insufficient accommodation.

Talking of tracks, I am somewhat disappointed at not finding any mention of the proposed track at Granite Bridge, in the number of the *WORLD* before me. I feel a good deal interested in this project, so much so, that I have been out on my wheel to the proposed location, and have come back heartily in favor of it. I think it would be hard to find a better site. It is level and smooth, lays on a solid bed of gravel, contains ample space for a three-lap track; is bounded on one side by the Neponset river, which affords capital facilities for boating, canoeing, and swimming; is close to two railway stations, near to a line of horse-cars, and for access by means of the "wheel," from anywhere in Boston, — except, perhaps, Chelsea, — it cannot be surpassed, as splendid roads lead to it from every direction. With real estate down to low-water mark, there will never be another chance to buy such a spot at so low a figure, and I hope not only that you will support the scheme with your pen, but that it may go through. If the wheel interest is not strong enough to subscribe the needed capital, some capitalist who is, can surely be found, and he most certainly would never regret taking hold, though we wheelmen, to whom is now given the opportunity, just as certainly should.

I was sorry to see, a few days back, an announcement in the columns of the *Boston Transcript* that "bicycling is over for the season." The item appeared on Friday, and was probably written during the snow-storm of the night previous; but during the day the snow disappeared, the roads dried up, and on the next day, Saturday, I took one of the most delightful ten-mile spins I have had since last winter. The roads were smooth and hard as flint, the bracing north-west wind added a keener zest to the enjoyment of rapid motion, and as I sped along I could not help thinking how much better it would be if editors were to forbear expressing opinions as to our sport until after they had qualified themselves to enjoy it. The fact is, our season — far from being over — is just commencing. We are in some danger of temporary interruptions from snow, to be sure, but the probabilities, judging from past winters, are, that of the men who own bicycles and the men who own sleighs, the former will have the balance of opportunities in their favor. The *Transcript* is deservedly one of the most popular of newspapers, and as such is powerful for good or otherwise when it editorially expresses an opinion. The item I have referred to may have deterred some of its readers from attempting to master the wiry steed until the opening of spring, but I would ask such to take the advice of an old rider, and to join our noble order at once. — "Procrastination is the thief of time," and in their case, of the onnoble pleasures and healthful enjoyments which now are ready to their hands.

JACK EASY.

THE ANGLO-FRENCH TEAM AT CHICAGO. — A bicycle contest, to be continued six days of fourteen hours, was begun in Chicago on the morning of Monday, 24 November. The entries were the four professionals from abroad, Keen, Terront, Stanton and Cann; and seven American professionals, T. Harrison, G. Harrison, Rutland, Nolan, Velard, Meyer and Adams.

By the terms of the race, the Americans have one hundred miles added to their scores at the start, and the American "team" wins if its highest four makes a greater aggregate

distance (with the hundred each added) than the foreign four ride in aggregate distance. On the first day Terront made the best mile at the start in 3.51. Rutland and T. Harrison being next best in 4 m., and Adams slowest in 7.35. The foreign team made the first 20 miles in an average of 1.16.1, and the Americans in an average of 1.31.19.

At the end of the first day the score stood: Stanton 174, Cann 170, Terront 125, Keen 93; Meyer 265, Velard 256, G. Harrison 251, Rutland 228, T. Harrison 203, Nolan 175, Adams 174. — each of these latter including the 100 miles allowance.

We go to press too early this week, on account of a holiday, to give more than the first day, but shall give hereafter a full report from our special correspondent.

RHYMES OF THE ROAD. No. I.

BY LORD BOYRUN.

Horses we hire no further; and the rays
Of bright wheels make sufficient holidays:
Eloping past the green fields, trees, and flowers,
We, shining like the crawling brook, go by.
Clear as its current ride the glowing hours
With a calm vigor, which, tho' to the eye
Idlesse it seem, hath its own industry.
If from the billowy we learn to dive,
'Tis bicycle should teach us how to fly;
It bears no flutterers, company can give
No fellow aid — alone man with his wheel must strive.

CLUB DIRECTORY

- BOSTON BI. C. — Secretary, F. W. Weston, 178 Devonshire street, Boston, Mass.
BROCKTON BI. C. — Secretary, F. B. Howard, Brockton, Mass.
BROOKLYN BI. C. — Secretary, T. H. Muir, 30 Broadway, New York, N. Y.
BUFFALO BI. C. — Secretary, J. T. Gard, 276 Main street, Buffalo, N. Y.
CAPITAL BI. C. — Secretary, F. G. Collins, Loan Division, Treasury Dept., Washington, D. C.
CHALLENGE BI. C. — Pittsburgh, Pa.
CHAUNCEY HALL BI. C. — Secretary, Frank R. Miller, 750 E. Fourth street, South Boston, Mass.
CHICAGO BI. C. — Secretary, Geo. D. Hoffman, 248 State street, Chicago, Ill.
CLEVELAND BI. C. — Secretary, Alfred Ely, jr., 393 Prospect street, Cleveland, O.
CRESCENT BI. C. — Secretary, George Blake, Belmont, Mass.
DETROIT BI. C. — Secretary, J. C. McCaul, Detroit, Mich.
ESSEX BI. C. — Secretary, H. W. Knight, 766 Broad street, Newark, N. J.
FITCHBURG BI. C. — Secretary, George A. Wilson, Fitchburg, Mass.
GERMANTOWN BI. C. — Secretary, J. Pennell, Armat street, Germantown, Pa.
HARTFORD BI. C. — Secretary, Wm. L. Howard, 687 Asylum street Hartford, Conn.
HARVARD BI. C. — Secretary, J. H. Storer, Harvard College, Cambridge, Mass.
LYNN BI. C. — Secretary, Henry H. Fuller, Box 216, Lynn, Mass.
MASSACHUSETTS BI. C. — Secretary, H. E. Parkhurst, 17 Wellington street, Boston, Mass.
MIDDLESEX BI. C. — Malden, Mass.
MONTREAL BI. C. — Secretary, H. S. Tibbs, Box 1733, Montreal, Canada.
PHILADELPHIA BI. C. — Secretary, H. A. Blakiston, 3905 Chestnut street, Philadelphia, Pa.
PROVIDENCE BI. C. — Secretary, E. C. Churchill, 1 Prov. and W. Depot, Providence, R. I.
SALEM BI. C. — Secretary, Dr. C. A. Buxton, 246½ Essex street, Salem, Mass.
SAN FRANCISCO BI. C. — Secretary, C. L. Barrett, 106 Sansome street, San Francisco, Cal.
SUFFOLK BI. C. — Secretary, F. E. Cabot, 42 Thayer, Harvard College, Cambridge, Mass.
WANDERERS BI. C. — Secretary, Boston, Mass.
WORCISTER BI. C. — Secretary, W. R. Lovell, P. & W. Freight Office, Worcester, Mass.

THE BICYCLING WORLD is published every alternate Saturday morning. Its subscription price is \$2.50 a year, in advance, postage prepaid to any address in the United States or Canada. Single copies will be sent postpaid, or can be obtained at news-stands or bicycle-agencies, riding-schools and sales-rooms, for ten cents each.

For advertising-rates, see first column of advertisements. Subscribers are requested to send full address, plainly written, accompanied with post-office money-order, or bank draft, or by registered letter, to THE BICYCLING WORLD CO., 40 WATER ST., BOSTON, MASS. Subscriptions will be assumed to be for the first volume, beginning with the first number, unless otherwise stated.

THE BICYCLING WORLD aims to be a fresh, full record, herald, and epitome, of all that relates to bicycling,—clubs, races, excursions, tours, meets, and runs, personal items, inventions, manufacture, opinions, humors, and incidents, the best things from other journals, foreign news,—and of all subjects of direct or collateral interest to bicyclers and their friends. Communications, correspondence, news items, suggestions, clippings, or other aid to these objects, will therefore be appreciated, and should be sent to EDITOR OF THE BICYCLING WORLD, 40 WATER ST., BOSTON, MASS. Contributors and correspondents are requested to give always their full name and address, both as a guaranty of good faith and to enable reply or further inquiry, but not for publication unless so indicated; to write on one side of the paper only; and to observe that our pages go to press at noon of Tuesday preceding its date of publication. Communications and correspondence which we cannot give space to entire will be appreciated and often made useful otherwise, and we cannot return any to the sender unless the requisite postage be enclosed, with a special request.

BOSTON, 29 NOVEMBER, 1879

HOUSING.

AN acerb November heralds the approach of a biting winter season, when, in our more northern latitudes, the bicycler must change his programme. The time for tours, or even for fixed excursions, has passed, and out-of-doors events must be mostly suspended. Severe cold, snow, slush, rutted and hubbly roads, are not inviting for any kind of recreative travel; and yet there will probably be many days, even in the line of Boston, Brooklyn, Pittsburg, and Chicago, when spins will be happily enjoyed. It will be remembered that two years ago there was not a month during the winter in which there was not more or less of bicycling around the former city. Excepting on more southern parallels, however, all through December, January, and February, the bicycle must be substantially housed.

The enthusiastic wheelman will not be contented to forego his exercise, for that he will need to keep him in good condition and cheerfulness; nor his recreation with the cherished pedalifer, for he does not wish to lapse into inexpertness, or to be unready to seize the opportunities as they offer, either during the winter or the

early spring. Several of the clubs have already provided at head-quarters, or arranged with local riding-schools, or owners of unoccupied halls, suitable places for keeping machines and for their indoor use. Where there are yet no clubs the agents have in some cases opened riding-halls for the winter, for the double purpose of teaching new learners and of accommodating old riders.

Wherever a floor forty feet by sixty, or larger, can be obtained in a suitable location, it ought by all means to be secured. Winter is the best time for learning. The cool air braces up the muscles and the nerves. The greater activity and pluck called forth by the season enable to confidence. There is less temptation to long road rides before mastery of the steed. Again, for the old rider there are almost infinite capabilities of use and performance and sleight of limb with this instrument of athletic development which he can nowhere and at no time so well pursue, and which will amply repay his experimenting for the daily or twice-weekly hour which he may be able to devote to them.

If those who are interested in the sale of bicycles, and in teaching the use of them, are awake to their own best opportunities, they will coöperate promptly and liberally with the riders in their own localities toward the ends here suggested. From our observation of things bicyclic during the past two years, we believe that the number of riders in November will be doubled for March.

CONCERNING LEARNERS.

We may observe that there are at present two classes of them in this country. Each has difficulties to contend with, and much wisdom to gain from experience; and to each we shall hope to offer suggestions of some value, from time to time, drawn from our own and from other sources of observation and reflection. First, there are the learners to ride; and there are probably ten of them to one bicycler. It stood, as a learned quotation from antiquity, on the title-page of the grammar we studied at school, "The rudiments of every art must be taken as a task, not as an amusement." Watch the man with a foot-lathe, a sewing-machine, or a pair of scales, for the first few times, and see what hard work it is to him. So with a bicycle, the man finds it at first difficult to attend to hands and feet at the same time; he instinctively grasps the handles with a tiresome effort to hold himself on—which he soon learns he can no more do than to lift himself by his boot-straps; it bothers him to make hands of his feet and keep them to their duty on the pedals; see how hard he works to resist every motion of the machine but the straight onward, just as a very fresh lubber does on deck, or a very green mount does on horseback; so with his convulsive efforts to mount and dismount. This pupillage is brief, but we always have a certain respect for the man who has patiently

and persistently passed through it, and feel sure that he has courage enough for anything he undertakes.

Secondly, there are the learners to teach and assist others. Of course he who would teach others must first himself be a learner, and know what he is to aid in the acquisition of. But that is not all. His art but begins at that point, and is as difficult as the other. Notice the unskilful one hold up a poorly chosen and improperly adjusted machine for his just come pupil to climb upon; his hands are in the way, he toils to withstand every swaying of the wheel and its load, he runs, and stops and perspires, and tells his victim forty things at once; he lets him fall, and perhaps tumbles with him in the triple heap. By and by the man can stay on and propel the machine around the hall two or three times, and then our inexperienced teacher leaves him to his own resources, and sets others going to confuse him. There is no need of all this. A good teacher will aid a novice to the art in three lessons where another will have discouraged his pupil in six.

"He let me fall twice," said a gentleman accomplished in many arts, but with responsibilities and a due regard for his safety, "and I cannot afford to fall any more. He left me at a turn and went across the hall. I rather pay five dollars a lesson and have him attend to me, than nothing and be neglected, until I have acquired sufficient control of the wheel, and of myself in relation to it, to handle the tool in the simplest ways without danger of injury, and then I can trust my own wit and prudence to acquire the rest." There is no need of a fall either to the beginner or the taught rider, except from recklessness or negligence on the part of somebody; and the difficulties attending the first use of the bicycle may be reduced to a minimum so small that a man in fair condition can learn to use it without risk and with little tax of time or patience.

QUIVER AND TARGET.

Mr. John Worcester, Corresponding Secretary of the Eastern Archery Association, has very cordially responded to our invitation to furnish a leader for our Archery columns in this number. He will, from time to time hereafter, lend his valuable aid and suggestions to the same department. We hope to make this feature of our paper not only of general interest to all lovers of gentlemanly and ladylike athletic exercises, but also acceptable to our friends who are devoted to the long bow, as a brief chronicle of events and a medium for exchange of opinions and experiences; and if our tentative efforts in this direction meet with sufficient encouragement, we may contrive to supply a needed organ for the merry archers without impairing at all our service of the happy wheelmen.

The Chinese must go; — he does, in Hartford, — on a bicycle.

THE BOSTON ATHLETIC ASSOCIATION.

This Association was formed a short time ago by a number of gentlemen residing in and near Boston, and interested in various athletic sports. Grounds will be laid out at once inside the trotting track at Beacon Park, twelve minutes out on the Boston and Albany Railroad, and will comprise a track for walking and running, and fields for cricket, base ball, lawn tennis, lacrosse, foot ball, archery, and other sports. The assessment will be ten dollars per year, which will entitle members to all the advantages of the grounds and implements of the Association. J. Malcolm Forbes, 30 Sears Building, Boston, is chairman of the committee.

It is to be regretted that no provision has been made as yet for a path for bicycling. At one of the meetings it was suggested that one track would suffice for walking, running, and bicycling. That would be better than nothing, but it is not what is wanted. A properly constructed bicycle path should be made of cinders and binding gravel, and be kept perfectly hard and smooth; while a running track should be kept in a softer condition.

Now, gentlemen of the Association, there are upwards of five hundred bicyclers in and around Boston who are looking for a good, suitable track for racing and exercising, and the first track conveniently located, that meets the need, will gain their support. Should such a track be laid at Beacon Park, an additional membership of at least one hundred and fifty can be safely guaranteed, which would at least pay the expense of a three-lap track. Our sport is comparatively in its infancy, and should its future growth be as vigorous as its past has been, it will soon be a leading one. Can the Boston Athletic Association afford to ignore it, or to neglect the opportunity which it now offers?
H.

SPECIAL NOTICES

MR. J. C. THOMPSON, at 93 Orange street, is devoting a degree of attention to the bicycling interests of New Haven, Conn., that should insure success to him and the pleasures of bicycling to many patrons.

MR. JOHN M. FAIRFIELD, of Chicago, Ill., opened on the 18th inst. a fine riding school in the Natatorium opposite the Exposition Building on Michigan avenue.

HEWINS & HOLLINS, 47 Temple place, Boston, offer attractions for bicyclers in search of stockings.

Visiting, as well as local, bicyclers find themselves under many obligations for the courtesies of Mr. H. B. HART and the advantages of his commodious RIDING SCHOOL at HORTICULTURAL HALL, in Philadelphia.

NOTMAN, the artist Photographer, at 99 Boylston street, Boston, is to be consulted for a fine line of Christmas gifts in cameos, enamel mezzotints, portraits in oil and water colors, etc.

THE BICYCLING WORLD may be had, in any desired number of copies, of The New England News Co., 14 Franklin street, Boston, Mass., who are our agents for supplying news stands in New England.

NEW LITERATURE. *The 'Cyclist* showed its first number on 22 October, and is noticed elsewhere. The same month saw the birth of the *Athletic and Bicycling World*, an English paper of which we learn through *Cycling*. So glad it didn't hit upon exactly the same name as our paper, but it shows how nearly good tastes run in the same channel.

HEADERS

Sad 'll be the fate of him who rides with it too near the fork.

It is not rude to say to a genuine archer that she excels in drawing the long bow. The archer she looks the more you may wish you were her bow.

Can you cube a cigar?—*Boston Post*. What a keywestion!

Harvard College has added the bicycle to her list of electives. We look for a revolution among the students.—*Boston Transcript*. Yes, she may now be said to have a curriculum.

Put a fool upon a bicycle and he'll ride to the—station-house.—*Boston Globe*. A wager that the *Globe* one couldn't.

Bicyclers should not ride fast this season of the year, lest they catch cold, for probably there is a good deal of it ahead—just where it is likely to settle if (over)taken; and do not have out your machines without their rubbers on when the ground is damp.

A short cut by the roundabout bicycle: The cit can now occupy a sitadel, in the air, at once, who may never realize his castles there. This is important. Cut—no, copy it out and press and preserve it in the jam of your wallet for future reference.

All are unCanny bicyclers who do not ride wonderfully well.

THE SAD FATE OF JONATHAN JUGGS.

Come, 'cyclers, gather round,
Lend me your ears a while;
I will a tale propound
And your young feelings rile.

A fine young man was Juggs,
In shoes just six feet three;
He gathered worms and bugs,—
A naturalist was he.

One day, while walking out,
A bicycler whizzed past.
"Aha!" young Juggs did shout,
"I've found a horse at last."

He hied him to the Hub,
A sixty-inch he got him;
Then this precocious cub,
His brother took—to trot him.

His net for butterflies
He strapped across the handles;
Behind he lashed two pies,
Some matches and some candles.

Of chloroform and pins
He took in coat-tail pockets,
And—while he broadly grins—
A couple of sky-rockets.

He climbs into the saddle,
His brother shoves him off,
With much of taffy twaddle
And a very doubting cough.

Now Juggs is off apace
And fast and faster flies.
"Oho!" he sees, with glowing face,
A moth of wondrous size.

It floats before his wheel;
He "pedals up" to get it,
And, leaning o'er his steel,
He grabs—but *that* upset it.

They set a stone to show the dent
Poor Juggs—now stiff and stark—
Made in the road; and travellers bent
To read—"J. Juggs, His Mark."

J.

QUERIES AND ANSWERS

J. W., N.Y.—*Ans.* 1. Do not take smaller machine than 50 in. 2. Let the "bone-shaker" alone—it isn't necessary to ride a camel before learning to ride a horse. 3. Suspension saddle is preferable for road use. 4. Either form of lamp is good and serviceable sometimes.

54 IN. D. H. F. IN No. 1.—*A.* Pope's Cyclometer is made to fit a "Columbia," which has a $\frac{3}{4}$ -in. axle. When the cyclometer is screwed on a smaller axle, the screws may strike on the shell of cyclometer, and force the shell off. This can be remedied by cutting the ends of the screws off.

The channel in which the balls of *Aeolus* bearings run, has room to admit 13 balls, but only 12 are used. It is the balls dropping into the empty space, as they roll over, which makes the clicking noise.

SECRETARY CLEVELAND.—*A.* 1. Cash received—2. *Q.* How much cash will raise the eight numbers of the *World*, coming over from the *Journal*, to one year's subscription? *A.* \$1.75.

COMING EVENTS

DINNER of the Boston Bi. C. and Massachusetts Bi. C., at the Brunswick, on Tuesday, 2 December, at 6.30 p.m.,—a fixture this time. Weather and roads permitting, a joint meet at 8.00 a.m. same day, and run as heretofore announced.

THREE DAYS' bicycle tournament at the Pavilion, San Francisco, Cal., commencing 29 Nov., open to all Pacific Coast Riders. Prizes, \$1,000, \$500, \$300, and \$200.—*Clipper*.

6 DECEMBER, one-mile bicycle race at Madison-Square Garden, N.Y., under the auspices of the Knickerbocker Athletic Club. Entries close on Saturday, 29 Nov., and are to be addressed to J. M. Pollock, Sec'y, 235 E. Twenty-fourth street, New York, N.Y.

12 DECEMBER, two-mile bicycle race, at the games of the Twenty-Second Regiment Athletic Club, at the Armory, Fourteenth street, near Sixth avenue; entries to be sent to Mr. William Childs, 166 Fulton street, New York, N.Y., and close on 7 December.

Extract of letter written by John Keats, about 1818, found in Milnes' "Life and Letters of John Keats," page 174.

"The nothing of the day is a machine called the Velocipede. It is a wheel carriage to ride cock-horse upon, sitting astride and pushing it along with the toes, a rudder wheel in the hand. They will go seven miles an hour. A handsome Gelding will come to eight guineas; however, they will soon be cheaper unless the army take to them."

THE CYCLIST.

The first number of a new weekly Bicycling paper, called *The Cyclist*, has appeared in Coventry, England. It is edited by Mr. Harry Sturmey, assisted by Mr. C. W. Nairn, as associate and London editor.

The new paper aims to interest bicyclers at large, without any special reference to clubs and club doings, except so far as they may be of interest to all riders, whether club men or not. This platform will probably make it the organ of that immense constituency, "the unattached," and if the bright and attractive style of the first number is continued, must command for it a wide interest, circulation, and influence.

England has now three weekly papers devoted to bicycling, as well as one fortnightly, one monthly, and several annuals.

ARCHERS AND ARCHERY

It is no easy task to persuade people that they will find amusement in an exercise that has been thrown away since their childhood. Mr. Maurice Thompson must be surprised as well as pleased with the success that he has met with in persuading Americans to take up the weapons of our ancestors.

When an Archery Club was first talked of in our town, the greatest difficulty was found in trying to make people believe that it was not foolish for them to be interested in such a childish sport. In fact the club would have hardly succeeded if it had not been organized as a social club, with Archery as only a minor attraction. Knowing that others have the same troubles, we want to make our experience of service to them, first in starting their club and then in selecting their bows and arrows and learning to shoot. If you wish to interest any one in Archery, give him a bow and let him try how many times he can hit the target out of thirty arrows, at forty yards. He will soon find that it calls for all the skill he has, as well as considerable strength. Let him keep up the practice day after day and he will soon find his strength and health improving, and his friends will be asking what makes his shoulders so much straighter. By this time he will have learned how to hit the target twice out of three arrows, have become interested in trying to beat you, and will privately vow to keep up his practice till his form is as erect as an Apollo.

No reasonable being has any doubt as to the benefit of open-air amusements, the only question being, which is the best? And we propose to show that Archery is. Other things being equal, the exercise that will most improve the health and strength is the best. Let us take one or two instances of what Archery has done. A lady who could hardly walk a mile last spring, now walks to the range, more than a mile distant, and shoots ninety arrows both morning and afternoon. A gentleman has added one inch to his chest and three-fourths of an inch to his fore-arm measures by three months' practice. Besides this, the carriage and form are greatly improved. Tennis may do as much for the muscles, but every posture is not as full of grace as in Archery. No one need think from this talk about the benefits to health, that increased strength is all the pleasure to be derived from Archery; far from it. Who would dare to advocate an amusement that would leave flirting out from the list of its attractions? Archery has just as good opportunities as any other amusement, not even excepting croquet, while it has this advantage over all, that it can make lovers useful in hunting arrows. The targets make an excellent screen, and the "happy hunting grounds" are usually occupied.

But those who have been shooting this past season know these things already; let us say something for them. Though the cold weather has made us lay aside our bows and hang up our quivers, we have by no means forgotten the pleasure of last summer's shooting, and we are making up our minds to practise more next year, in order to bring home a prize from the association meeting next fall. In the mean time let us read all we can find about Archery, and study the science of shooting. Most of us have learned something in our practice that would be of general interest and benefit to the great body of archers. Why not then use a little time in writing

out the results we have obtained, and in making our experience useful for the general good. These columns will be open for discussion of all matters pertaining to Archery, and let us hope that we may learn what weight arrows and what kind of bows are the best to use; so that we may not change our minds with the advice of our old gray-haired friend, who thinks that we are using too heavy a bow, and who tells of the wonderful score he has seen made with 4-3 arrows.

RELATIVE ATHLETICS

PEDS VS. WHEELIPEDS. — A comparison of the results of the bicycle long race won by Waller in September last, and the pedestrian contest in June, when E. P. Weston was the winner, each for six days, affords the best practical test so far as to the relative powers of the bicyclist and the man afoot, for long distance. It shows for the leader 1,404 miles in the one case, against but 550 (and that somewhat doubtful) in the other, which is as 2.55 is to 1. This, too, was done in 108 hours, against nearly 142 hours. If the men on wheels, instead of being limited to 18 hours a day, should "go as they please" in that respect, a much higher ratio in favor of the bicycle is probable. They have not done their best yet so nearly as have the pedestrians; and it is expected that the facts will soon confirm the ratio indicated by recent theoretical estimates, which is as 3 to 1. D.

COURT REPORTS

McFARLAND *v.* BROWN.

This was an action of tort for alleged damages done to the plaintiff's horse, wagon, and contents, by the defendant, in Whitinsville, Mass., brought in the Second District Court of Southern Worcester, in the Commonwealth of Massachusetts. Trial at Uxbridge, 8 November, 1879, before Zadoc Taft, Esquire, Associate Justice.

It appeared in evidence that the plaintiff, Robert McFarland, a milkman, had left his team in charge of two boys, aged respectively twelve and ten years, while he went to deliver milk at a house; that the boys had driven on to the house of the next customer and were just stopping the horse on a bank in front of the house, when the defendant, John E. Brown (of the Worcester Bi. C.), came round a bend in the road 600 yards distant, travelling at the rate of about six miles an hour; that the horse became nervous at sight of the bicycle, began to dance, started down the bank into the road, and when the wheels struck the gutter turned so abruptly around that the wagon was tipped over, the milk spilled, and the boys severely jarred; and that the horse ran off with the forward wheels and broke the harness before he was stopped. The plaintiff showed that the horse was one that he had long known and had used for two years in his business, and was afraid of nothing he had ever met before. It was also in evidence that when the defendant saw that a catastrophe was imminent, he dismounted and stood by his machine, about 75 yards distant; and that his companion, Mr. E. K. Hill (W. Bi. C.), who with him was travelling from Providence to Worcester, came around a turn in the road a few moments later, and saw Mr. Brown standing at the distance named, and the overturned wagon. Evidence was also offered and admitted as to the number of bicycles in use in this country; their increasing popularity; their widespread use abroad; their affording a means of recreation to persons of too moderate means to keep a horse; their use about cities for business purposes, and their practicability for ordinary travel over country roads, as shown by the summer trips of the Boston Bicycle Club and many excursions of the Worcester Bicycle Club.

The fact that the action was brought in a rural district where the use of bicycles had not become common, and the expectation that the age of the justice might lead him to look with contempt upon them as "new-fangled" inventions, as much perhaps as any zeal in the case, led the counsel for plaintiff into a sarcastic vein; but the twinkle in the judicial eye when the Court replied "I have seen 'em," and the clear and vigorous decision he rendered, proved that he regarded the rights of both parties, and did not condemn the defendant's claim to use his vehicle upon the highway because of its novelty.

His decision was, substantially, that he must recognize the age as progressive; that it seemed clear that bicycles cannot be deemed nuisances, but are entitled to the reasonable use of the highway; that there were two questions involved in the case: first, whether the plaintiff was using due care; and, second, whether the defendant was negligent; that in the first place he could not hold it due care to entrust the team to the management of so young boys; and that, secondly, there appeared nothing that the defendant could do which he failed to do, he having dismounted as soon as he saw the nervousness of the horse, and at a considerable distance; that the accident was an unfortunate one, but one for which the defendant was not to blame. He recognized, in short, that the familiar rule of action in every-day affairs is a sound legal principle — "There is no use crying over spilled milk."

Judgment was entered for the defendant, and the plaintiff did not appeal.

GLANCES ABROAD

ONE George Tomlinson has been sentenced to four months' hard labor, in England, for stealing bicycles.

ON the 3d November, a 100 miles race was held at Bingley Hall, Birmingham, on a course eleven (!) laps to the mile, wherein W. Phillips, G. Waller, F. Lees, and R. Patrick competed, and Lees won in 6.35 5.

THE CYCLIST gives nearly a column to American items, and remarks that "Transatlantic riders are beginning to find out some of the real pleasures of bicycling at last."

HARE AND HOUNDS on bicycles is the latest novelty in the sport. A paper chase occurred for the first time in Birmingham, the first week in November, and is reported to have been very enjoyable.

THE fifty miles sporting Life Championship race, at Lillie Bridge, on 8 Nov., was won by H. Osborne, in 3.04.06.

A TRICYCLE ride from London to Hastings, over sixty miles of hilly roads, is pleasantly reported; as also much long touring on bicycles during the autumn.

SOME interesting races abroad will be summarized in our next.

GENEVA. — At a bicycle race round the Lake of Geneva on the 5th of October, the distance, 106 miles, was covered in the very creditable time of 10h. 47m. The roads, though good, are hilly, and a strong north wind retarded the riders considerably.

THE TWENTY-SIX HOUR CHAMPIONSHIP OF ENGLAND. — This interesting professional race took place at Agricultural Hall, London, on the 19th and 20th of September last, and produced seven competitors. Terront took the lead from the start, and maintained it to the end. His first seventeen and a half miles was made in exactly one hour, his first fifty miles in 3h. 6m. 48s., when he had a lead of two miles, and his average speed throughout was at the rate of fourteen miles per hour.

The distances covered were as follows: —

| | | | |
|-------------------|------------|------------------|------------|
| Terront | 363 miles. | Evans | 200 miles. |
| Cann | 300 miles. | Lees | 150 " |
| Andrews | 259 " | Rawson | 107½ " |
| Higham | 230¾ " | | |

The awards to Terront consisted of the championship belt, value \$250, and \$150 in cash.

JOHN KEEN vs. H. L. CORTIS. — On Saturday, the 18th October, the Stamford Bridge Grounds (Eng.) were thronged with thousands of spectators to witness the races of the "Bicycle Union," the chief among which were those between Keen and Cortis. Mr. Cortis (of the Wanderers' Club) is one of the fastest amateur riders in England, and is generally regarded as the "coming man." John Keen, the champion, is

too well known to need introduction here. The races between these men, one being a professional and the other an amateur, were held with special sanction of the Bicycle Union. After the less important races had been decided, the

ONE-MILE RACE was called. Cortis rode a 60-inch and Keen a 55-inch wheel. Keen crossed the line amid the deafening cheers of the spectators, a winner by *not more than* eleven inches. Time, 21m. 52½s.

THE FIVE-MILE RACE. — The tactics of the mile race were again repeated, Cortis taking the lead from the start and maintaining it, with Keen close at his heels. Keen again put on one of his magnificent bursts of speed, overlapped his opponent, and came in a winner by nearly two feet. Time for the five miles, 15m. 30s.

The contrast in the form of the two men was very noticeable; Cortis bending over his handles at almost a right angle, and in many cases wobbling very badly, while Keen sat erect in the saddle, with his wheel running in true lines, and always under the most perfect control.

This makes the third race between these men, the victories now standing, two to Keen and one to Cortis.

OUR EXCHANGES

ADVICE TO PROFESSIONAL MEN.

To professional men, men of business, and, indeed, all who are engaged in pursuits requiring more or less severe mental work, coupled with more or less confinement, exercise is, of course, the *conditio sine qua non* of the recreation to be recommended. The fact is so obvious (says a writer in the *Nineteenth Century*) that I need not dwell upon it further than to make one remark. This is to warn all such persons that feelings are no safe guide as to the amount of muscular exercise that is requisite for maintaining full and sustained health. By habitual neglect of sufficient exercise, the system may, and does, accommodate itself to such neglect; so that not only may the desire for exercise cease to be a fair measure of its need, but positive exhaustion may attend a much less amount of exercise than is necessary to long continuance of sound health. However strong and well, therefore, a man may feel notwithstanding his neglect of exercise, he ought to remember that he is playing a most dangerous game, and that sooner or later his sin will find him out — either in the form of dyspepsia, liver, kidney, or other disease, which so surely creep upon the offender against nature's laws of health. According to Dr. Parkes the amount of exercise that a healthy man ought to take without fatigue is at the least that which is required for raising 150 foot-tons per diem. This, in mere walking, would, in the case of a man of ordinary weight, be represented by a walk of between eight and nine miles along level ground, or one mile up a tolerably steep hill; but it is desirable that the requisite amount of exercise should be obtained without throwing all the work upon one set of muscles. For this reason walking ought to be varied with rowing, riding, active games, and, where practicable, hunting or shooting, which, to those who are fond of sport, constitute the most perfect form of recreative exercise. — *Scientific American*.

THE ANGLO-FRENCH party of visiting bicyclers made their first appearance at Boston, and have at once established themselves in popular favor. Stanton is still suffering from a recently fractured collar-bone, and is, as yet, seen to a great disadvantage. Keen has proven himself already the prince of short-distance riders, both in style and speed. Cann is a patient and tireless plodder, while Terront, the mercurial Frenchman, is equally at home in long or short races, and eats, drinks, and almost sleeps without dismounting. The tour of these men throughout our principal cities will awaken popular interest in a sport hitherto wonderfully neglected in this country, and bicycle riders and clubs will soon be as numerous as are now our amateur athletic clubs. — *Spirit of the Times*.

THE NEW BICYCLING JOURNAL. — The *American Bicycling Journal* is no more. The paper has changed hands, and appears this week in a handsome new dress, under the head of THE BICYCLING WORLD. It will be published every fortnight, at 40 Water street, and will be conducted by Mr. Charles E. Pratt. It is a sixteen-paged, double-column paper, and contains a voluminous summary of all matters of interest to the bicyclers of the country. — *Boston Traveller*.

THE BICYCLING WORLD, which has succeeded the *American Bicycling Journal*, gives promise of thoroughly cultivating the rapidly increasing field of journalism. Mr. Charles E. Pratt, president of the Boston Bicycle Club, is the editor and manager, and the opening number shows that he fully understands the wants of his fellow-wheelmen, and is the possessor of ample journalistic ability. — *Boston Herald*.

The *American Bicycling Journal* has changed hands and name, and appears this week in a handsome new dress, under the head of THE BICYCLING WORLD. It will be published every fortnight at 40 Water street, and will be conducted by Mr. Charles E. Pratt. It is a sixteen-page, double-column paper, and contains a voluminous summary of all matters of interest to the bicyclers of the country. — *Boston Advertiser*.

The *American Bicycling Journal* has been merged in THE BICYCLING WORLD, a new semi-monthly to be edited and managed by Charles E. Pratt, with F. W. Weston, formerly editor of the *Journal*, as an associate. The first number, printed on tinted paper, is neatly gotten up and full of well-prepared matter. It promises to be a success. — *Boston Courier*.

THE BICYCLING WORLD is naturally published bi-weekly. It is the successor of the *American Bicycling Journal*. The *Journal* was not pecuniarily successful. The WORLD expects better luck. One reason for this expectation is the fact that fourteen patents relating to velocipedes have been granted this year. Mr. Charles E. Pratt is the editor. — *Portland Advertiser*.

The *American Bicycling Journal* has been merged in THE BICYCLING WORLD, which made its first bow to the public Saturday. The first number is bright, fresh, and newsy, and foretells of the good things to come to all lovers of the exhilarating sport of bicycling. — *Boston Globe*.

ADVERTISING RATES

THE BICYCLING WORLD is established on a sufficient cash capital to insure the fulfilment of all its promises. It is published regularly on alternate Saturday mornings, in issues of not less than three thousand copies, and its actual circulation is more than two thousand copies an issue. No part of this large and rapidly increasing circulation is thrown away; but it is founded on an annual subscription list already large and rapidly extending, on sales at news-stands, agencies, and races, and on a carefully selected and strictly interested "specimen-copy" list. It goes, to the extent of two thousand copies and upwards, to the hands and eyes of a young, active, and enterprising constituency, by which it is read, passed around, preserved, and made permanent for reference; it is not confined to bicyclers only, nor to the passing notice and loss of circulars, nor to the fleeting and hurried uses of newspapers. We mean to make these columns a live, choice, and profitable medium of advertising for our patrons. Our charges, until further notice, are at the following low rates:—

For one insertion

| | |
|--------------------------|---------|
| One page | \$25.00 |
| One column | 13.00 |
| Half column | 7.00 |
| Quarter column | 4.00 |
| One inch | 2.00 |

Special notices, 25 cts. per line brevier.

Continued insertions of the same advertisement taken at special rates. All remittances and orders for advertisements (with "copy" plainly written) should be sent to THE BICYCLING WORLD CO., 40 WATER ST., BOSTON, MASS. Specimen copies sent to advertisers free. For terms of subscription, see editorial column. All remittances otherwise than bank draft, registered letter, or post-office money-order, are at the risk of the sender.

ADVERTISEMENTS

BICYCLE PUBLICATIONS.

THE AMERICAN BICYCLER.

BY CHARLES E. PRATT. 1 vol. 16mo. 75 cents.

"This little book narrates the history of the rise and progress of the bicycle, gives all needed information for managing it skilfully, has several illustrations, and, in short, is a compact hand-book of the bicycle." For sale by all booksellers. Sent, post-paid, on receipt of price, by the publishers,

HOUGHTON, OSGOOD & CO., Boston.

b.St.

BICYCLE SCORE AND DISTANCE TABLE.

For keeping record of miles run, and giving distance, to one hundred places about Boston. Published by A. S. PARSONS, care Cambridgeport Diary Co., Cambridgeport, Mass.

Sent post-paid on receipt of 10 cents.

'CYCLING.

A Monthly Magazine of Bicycling and Tricycling. Articles on "Bicycle Mechanism," by eminent writers and riders. Notices of Bicycle and Tricycle Tours in England and abroad. Photographs of machines and riders. Riding record and general bicycling information. Subscription for twelve months, one dollar. Post-office orders to be made payable to WALTER D. WELFORD, 66 Grey Street, Newcastle-on-Tyne, England.

THE ATHLETIC WORLD.

A weekly representative Journal of Bicycling and kindred athletic sports. A cabinet-size photograph of a champion athlete presented to each subscriber each month. Post-free, three months, one dollar and fifty cents; six months, two dollars and fifty cents; one year, four dollars. E. W. ALLEN, Publisher, 11 Ave Maria Lane, London, E. C., England.

THE BICYCLE GAZETTE.

A fortnightly periodical published in the interest of the Bicycle and Tricycle riders and manufacturers. Items of interest to the maker and the buyer. Special descriptions of the manufactories and their products. Full reports of Races and Meetings. Touring notes and Club news. Practical criticisms on mechanical improvements as they appear. Subscriptions for twelve months, two dollars. Post-office orders to be made payable to C. DRURY, "Bicycle Gazette" Office, Hertford Street, Coventry, England.

GOY, THE ATHLETIC OUTFITTER,
For Bicycling, Tricycling, Cricket, Football, Lacrosse,
Yachting, Boating, Canoeing, Gymnastics, and
Camping Out.

GOY'S CALENDAR OF SPORTS,
PUBLISHED MONTHLY.

GOY'S ATHLETIC CLUB DIRECTORY,
PUBLISHED QUARTERLY.

Forwarded FREE, on receipt of Addressed Postal Wrappers, as may be required.

GOY, 21 Leadenhall Street, } LONDON, E.C.
54 Lime Street, } England.
c.t.x.2

VOSSLER'S
Café RESTAURANT.

Dealer in

WINES, FOREIGN BEERS, Etc.,

19 HAWLEY STREET, BOSTON. 8 P. O. SQUARE,
d.t.x.

J. L. BLACKMER & CO.,
ORNAMENTAL PAINTERS,

Inventors of the Electric Signs.

BICYCLE PAINTING A SPECIALTY.

96 COURT STREET, BOSTON.

c.2t.1.

POLAND BROS.,
Machinists and Pattern Makers.

SPECIAL ATTENTION GIVEN TO

MACHINE AND BICYCLE REPAIRING.

82 Sudbury Street, . . . Boston.

c.2t.1.

BOSTON
NICKEL PLATING CO.

EXCLUSIVE LICENSEES FOR BOSTON OF THE
UNITED NICKEL CO. OF NEW YORK.

Nos. 13 & 15 Bowker Street, Boston.

BICYCLING WORK A SPECIALTY.

The largest and best facilities for manufacturing and miscellaneous work.

c.2t.1.

WILLIAM R. HANKS,
MACHINIST,
Pattern and Model Maker,

No. 93 FEDERAL ST., first flight, BOSTON.

Repairing and Jobbing of all kinds promptly done.

BICYCLING WORK A SPECIALTY.

d.2t.1.

W. G. BAKER & CO.,

DEALERS IN

Window Shades, Upholstery Goods,

CURTAIN MATERIALS,

LACE CURTAINS AND DRAPERIES,
AT LOWEST PRICES.

No. 23 Bromfield Street, - - - BOSTON.

c.2t.1.

Park's, MONTGOMERY PLACE, Boston.
OFF TREMONT STREET,

The Most Noted Game House in the States.

GRASS BIRDS,
YELLOW LEGS,
SNIPE,
PEEP,

PARTRIDGE,
WOODCOCK,

CANVAS-BACK DUCKS,
RED-HEAD DUCKS,
BLACK DUCKS,
ERIE TEAL DUCKS,
PRAIRIE CHICKEN,
SQUAB and QUAIL.

ALSO,

"THE FINE MUSTY ALE."

c.2t.1.

N. SAMUEL,

IMPORTER OF AND DEALER IN

Havana Cigars and Tobacco,

AND MANUFACTURER OF THE CELEBRATED

N. S. CIGAR.

10 POST-OFFICE SQUARE,
BOSTON.

c.2t.1.

BICYCLE STOCKINGS.

SOME NEW STYLES JUST IMPORTED.

LIGHT STEEL, DARK STEEL, NAVY BLUE,
ARGYLE, BEAUFORT, BUCCLEUCH, MELROSE
AND HEATHER MIXTURES, CRIMSON,
MIXTURES, SANQUHAR, AND GAIRLOCH.

Extra long and hand knit, best English and Scotch Goods;
all sizes at low Prices, also,

SCOTCH CAPS AND ENGLISH JERSEYS.

HEWINS & HOLLIS,

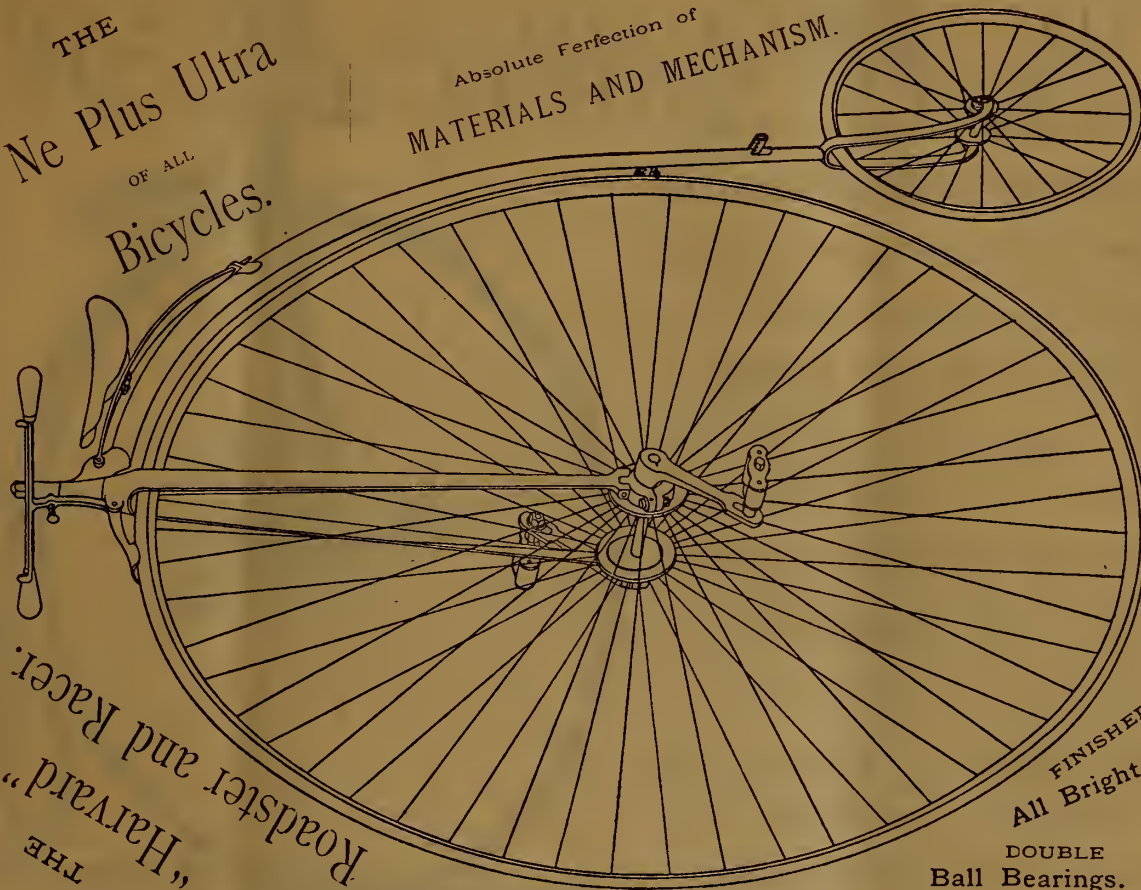
No. 47 Temple Place, . . . Boston.

e.1t.2.

CUNNINGHAM & CO.,
18 & 20 Pearl St., . . Boston, Mass.

THE
Ne Plus Ultra
OF ALL
Bicycles.

Absolute Perfection of
MATERIALS AND MECHANISM.



Send Three-Cent Stamp for our Illustrated Catalogue.

ATHLETIC OUTFITS.

JOHN R. FARRELL,

TAILOR AND OUTFITTER,

BOYLSTON HALL, . . . BOSTON, MASS.

Outfitter, by appointment, to the Boston Bicycle Club.

Bicycle Club Uniforms to Order.

Bicycle and other Athletic Clubs throughout the country will find it to their advantage to obtain patterns, prices, and rules for self-measurement before deciding on their uniforms.

GOODS ALWAYS SENT C. O. D.

at St.

CUNNINGHAM & CO.,

No. 22 Pearl Street, . . . BOSTON, MASS.

HAVE RECEIVED A CONSIGNMENT OF THE
CELEBRATED

“CARVER” BICYCLES,

BOTH HOLLOW AND SOLID FORKS.

Sizes, from 50 Inch to 54 Inch.

d.r.t.r.

NOTMAN,
PHOTOGRAPHER,

STUDIO, 99 BOYLSTON ST.,

OPPOSITE PUBLIC GARDEN.

Studio Elegantly Fitted Up.

OPERATING, DRESSING,
AND RECEPTION ROOMS,
ALL ON FIRST FLOOR.

Special attention given to portraits on Bicycles and Bicycle Groups.

THE AMERICAN BICYCLING JOURNAL.

The back numbers of this pioneer journal of the sport in this country can be obtained at fifteen cents per number from

THE BICYCLING WORLD CO.,

40 Water Street, Boston, Mass.

Eighteen numbers of the “Journal” have been published, all of which, with the exception of Nos. 12 and 13, which are out of print, can be obtained as above. We will remit 15 cents each for any of Nos. 12 and 13, that may be forwarded to us.

FOR SALE. A 48-inch Harvard Medium Light Roadster, weight 40 lbs., perfectly sound, and in good condition. Has been used this season only, and will be sold at \$90 00.

ADDRESS, CASH, BICYCLING WORLD OFFICE,
No. 40 Water Street, Boston, Mass.

THE COLUMBIA BICYCLE.

This machine, a model of symmetrical beauty and perfect mechanism, has attained its present great popularity owing to its unequalled excellences as a roadster and its great durability.

The Columbia ridden by Wentworth Rollins over 1,500 miles is in perfect condition to-day. This is explained by the fact that all the wearing parts are adjustable and of hardened steel.

The Columbia is a first-class roadster, equal to the best English makes, all the parts being interchangeable.

The machine is fully warranted.



AMERICA'S FAVORITE ROADSTER.

THE POPE MFG. CO., 87 Summer Street, Boston, Mass.,
HEAD-QUARTERS FOR BICYCLERS' SUPPLIES.

We would call special attention to our *SEAMLESS BICYCLE HOSE*, shaped to the leg and double heeled and toed. The best in the market.

A COMPLETE ASSORTMENT OF
ALARM BELLS, SADDLE AND MULTUM-IN-PARVO BAGS, CYCLOMETERS, LAMPS, LEGGINGS, STOCKINGS, BICYCLE SHOES, BICYCLE STANDS,

And all other sundries used by Bicyclers constantly on hand. The following are the principal Agents for the Columbia Bicycle:—

| Locality. | Name. | P.O. Address. | Locality. | Name. | P.O. Address. |
|---------------------|--------------------|-----------------------|--------------------|-----------------------|---------------------------|
| New York, N.Y. | Western Toy Co. | 115 West 23d Street. | Baltimore, Md. | T. W. Lawford. | 10 South Holliday Street. |
| Worcester, Mass. | Hill & Tolman. | 425 Main Street. | Herkimer, N.Y. | H. M. Quackenbush. | Herkimer, N.Y. |
| San Francisco, Cal. | G. L. Cunningham. | 206 Sansome Street. | Haverhill, Mass. | Bridgman & Gay. | 26 Merrimac Street. |
| Denver, Col. | E. A. Rickard. | 383 Larimer Street. | Minneapolis, Minn. | Slatter & Clement. | 26 Wash. Avenue, S. |
| Washington, D.C. | H. S. Owen. | 803 10th Street, N.W. | New Haven, Conn. | J. C. Thompson. | 93 Orange Street. |
| Pittsburgh, Pa. | H. B. Thompson. | 75 Fourth Avenue. | St. Louis, Mo. | Simmons Hardware Co. | 9th St. and Wash. Ave. |
| Detroit, Mich. | W. B. Seymour. | Hilsendegan Block. | Indianapolis, Ind. | J. L. Hunt. | 126 South Penn Street. |
| Philadelphia, Pa. | H. B. Hart. | 813 Arch Street. | Cincinnati, Ohio. | Wagoner & Bentley. | 139 Longworth Street. |
| Chicago, Ill. | John M. Fairfield. | 279 State Street. | Cleveland, Ohio. | T. B. Stevens & Bro. | Cor. Super and Bank. |
| Amherst, Mass. | George F. Fiske. | Amherst, Mass. | Springfield, Ohio. | James Leffell & Co. | Springfield, Ohio. |
| Biddeford, Me. | R. A. Fairfield. | Biddeford, Me. | Yonkers, N.Y. | Elliot Mason. | 27 South Broadway. |
| Lowell, Mass. | Fred A. Fielding. | 128 Centre Street. | Buffalo, N.Y. | Geo. R. Bidwell & Co. | 587 Main Street. |
| Fitchburg, Mass. | W. W. Clark. | Fitchburg, Mass. | Johantown, Pa. | Wm. C. Rhodes. | Iron Street. |
| Providence, R. I. | E. C. Churchill. | No. 1 P. & W. Depot. | Louisville, Ky. | O. W. Thomas, Jr. | 61 West Main Street. |
| Trenton, N.J. | J. Y. Clark. | Trenton House. | | | |

Send 3c. stamp for 24-page Illustrated Catalogue, with price-list, testimonials, and full information. *COMMODIOUS RIDING SCHOOL*, with competent instructors constantly in attendance.

THE POPE MFG. CO., 87 Summer Street, Boston, Mass.

a.25 t.r.l.