

When the seam is eight feet or over in height we can run our tubs with very little brushing. I might mention one point in longwall working is to have the right plant, viz. :—narrow gauge and low tube, put in at first; it is much easier to make plant for the mine, than to make the mine for the plant. The roof sometimes bends quite gradually; at points, it breaks heavily. We have been very fortunate in the way of break, never having had a butt thrust out of its place and the roads have always kept good under the most severe strain.

The system of ventilation is simple, most of the air travelling along the different faces of work.

I also give a sketch of faults met with on our 1900 feet level going east, which we have put through successfully with our longwall work and I have yet to learn where the extra cost comes in compared with putting through faults when working bord and pillar.

Some writers claim that longwall pure and simple, can be worked only in thin seams lying flat or at an easy angle, with a good hard roof, free from faults, etc., while others say that any seam lying at any angle and with any kind of roof can be worked by that method. I fancy that the first miner of coal was a longwall worker, and that the first break of the roof made him alter his system, and there have been a good many men follow him in that way. In longwall the great difficulty is to keep the face of work secure in order that men may mine and load their coal easily and in safety. The first break of the roof is looked forward to with interest as it is always a test of the butts or buildings put in to maintain the roadways, or as some claim, whether the roof is too hard or too soft for longwall work.

I may draw your attention to the fact that our present lift is being sunk on the longwall system. You will notice that we are taking all the coal out, not even leaving slope pillars, but building butts of timber on both sides, and I consider it will be, when finished, and the measures once settled down, the best part of our slope.

Generally, every few years slopes have to be retimbered, and especially where the pillars have not been left large enough, great expense is entailed in maintaining them in order, but in this case by longwall, once timbered forever timbered. Certainly I lay myself open to criticism in this assertion, but I hope to be able to defend my action.

As we must all learn by experience, and if that experience does not cost the companies we work for anything, but saves them money, then we, as managers, should be safe in experimenting.

In conclusion, I can safely say that the adoption of longwall at the Joggins has been a benefit to all concerned; the miner gets more coal with less labor. A greater quantity of timber is consumed, but the additional cost is more than offset by other advantages.

No explosive is used by the miner in getting the coal and only a very small quantity in brushing the main roads.

1892, "THE CREAM OF THE HAVANA CROP."

"La Cadena" and "La Flora" brands of cigars are undoubtedly superior in quality and considerably lower in price than any brand imported. Prejudiced smokers will not admit this to be the case. The connoisseur knows it. S. Davis & Sons, Montreal.

AN ESSEX CO. MIRACLE.

THE JOYOUS RESULT OF TAKING TIMELY ADVICE.

*The Story of Mr. Wm. Prendergast's Suffering and Restoration—Given up by Doctors and believed to be dying, he finally recovers Perfect Health.*

From the Comber Herald.

Mr. Wm. Prendergast, of the township of Rochester, a former resident of this village, is known to almost all in this section, and is warmly esteemed by all his acquaintances. It is well known that Mr. Prendergast went through a terrible siege of suffering, and that few of his friends had any hope of his recovery. Mr. Prendergast's trouble was chronic enteritis, (intestinal inflammation,) and what he suffered at times can scarcely be described. Hundreds of dollars were spent in medical treatment, but without avail. Sedatives, stimulants, tonics and external applications, etc., were successively tried with little or no result. Brief temporary relief might ensue; it was always very brief when the dread tormenter returned to smite him with fresh agony. In this condition Mr. Prendergast continued until last summer, when the physician frankly told him that his case was incurable. The news came as a terrible shock to his wife and children. Long before this, after a manful struggle, he had been forced to give up work on his farm, but there had

always been hopes of his recovery to buoy up his family and friends. But the statement that his case was considered incurable was like a stroke of impending doom, and his friends constantly dreaded to hear that he was no more.

Such was the condition of affairs at the close of last summer and a little later it was understood that Mr. Prendergast was getting better, and on the way to recovery. Lately one of his friends while in the Herald sanctum remarked, "Prendergast is on his feet again and as sound as a bell." Inquiry naturally followed as to what had produced this remarkable result, and we were informed that his recovery was solely due to the use of Dr. Williams' Pink Pills for Pale People. The Herald had published the particulars of many remarkable cures by the use of this remedy, and while not by any means sceptical, felt a strong desire to verify a case in our locality, and accordingly drove to Mr. Prendergast's. On reaching the house it was ascertained that Mr. Prendergast was some distance away in the field mending a fence. Thither the scribe wended his way, meeting with cordial welcome and an invitation to come back to the house to dinner. After dinner we urged him to tell about the remarkable change that had taken place in his condition. At first he was inclined to put us off, saying that he hated to think of the old days of agony and misery. How ever at last he told us all he had un-

dergone, his story bearing out what has been said concerning his condition.

After the doctors had given him up, his wife, hoping against hope, had urged him to try Dr. Williams' Pink Pills. He scouted the idea at first, saying that these things were all humbugs. At last, more to please his wife than anything else, he sent to Comber for some of the Pink Pills. He had not taken them many days when he found they were giving him relief. The pain lessened, his appetite began to return, so did hope and confidence. He procured another supply and found himself growing daily stronger. He felt that he could walk through the fields without the fear of being stricken down by a sudden pain. Later he resumed work on his farm and found to his amazement that he could do a hard day's work without fatigue. In a word that he had completely recovered. He had taken Dr. Williams' Pink Pills at the outset without hope of benefit, and merely to please his wife; now he finds them a life boat and an ark of safety.

The Dr. Williams' Pink Pills are manufactured by the Dr. Williams' Medicine Co., of Brockville, Ont., and Schenectady, N. Y., a firm of unquestioned reliability. Pink Pills are not locked upon as a patent medicine, but rather a prescription. An analysis of their properties shows that they contain, in a condensed form, all the elements necessary to give new life and richness to the blood and restore shattered nerves. They are an unfailing specific for such diseases as locomotor ataxia, partial paralysis, St. Vitus dance, sciatica, neuralgia, rheumatism, nervous headache, the after effects of la grippe, palpitation of the heart, and the tired feeling resulting from nervous prostration; all diseases depending upon vital humors in the blood, such as scrofula, chronic erysipelas, etc. As a remedy for building anew the blood, enabling the system to successfully resist diseases, Dr. Williams' Pink Pills stands far in advance of any other remedy known to medical science. Pink Pills are a specific for the troubles peculiar to the female system, giving a rosy, healthy glow to pale or sallow complexions. In the case of men they effect a radical cure in all cases arising from mental worry, overwork, or excesses of any nature.

Dr. Williams' Pink Pills are sold only in boxes bearing the firm's trade mark and wrapper, (printed in red ink). Bear in mind that Dr. Williams' Pink Pills are never sold in bulk, or by the dozen or hundred, and any dealer who offers substitutes in this form is trying to defraud you and should be avoided. The public are also cautioned against all other so-called blood-builders and nerve tonics, put up in similar form intended to deceive. They are all imitations, whose makers hope to reap a pecuniary advantage from the wonderful reputation achieved by Dr. Williams' Pink Pills. Ask your dealer for Dr. Williams' Pink Pills for Pale People, and refuse all imitations and substitutes.

Dr. Williams' Pink Pills may be had of all druggists or direct by mail from Dr. Williams' Medicine Company from either address, at 50 cents a box, or six boxes for \$2.50. The price at which these pills are sold makes a course of treatment com-

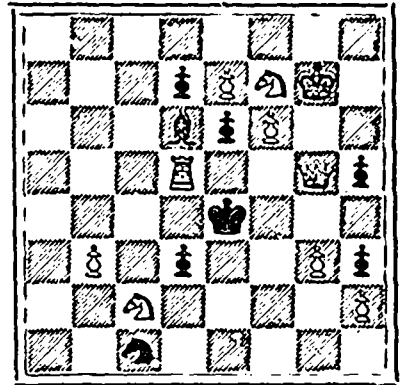
paratively inexpensive as compared with other remedies or medical treatment.

CHESS.

SOLUTION TO PROBLEM 169.  
B-B2 etc.  
Solved by R. F. P. and B. M. R.

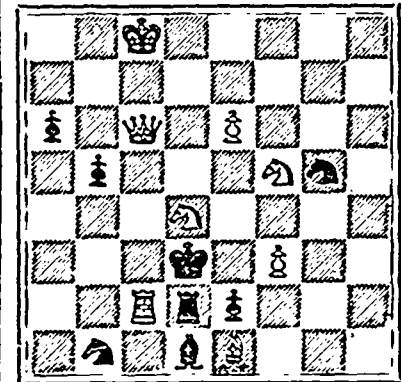
SOLUTION TO PROBLEM 170.  
R-Q6  
Solved by R. F. P. and B. M. R.

PROBLEM 173.  
Black 8 pieces.



White 10 pieces.  
White to play and mate in three moves.

PROBLEM 174.  
Black 8 pieces.



White 8 pieces.  
White to play and mate in two moves.

GAME 167.  
SCOTCH GAMBIT.

- | WHITE.    | BLACK.   |
|-----------|----------|
| 1 P-K4    | P-B4     |
| 2 Kk4-B3  | Qk4-B3   |
| 3 P-Q4    | P x I'   |
| 4 Kt x P  | B-B4     |
| 5 B-K3    | Q-B3     |
| 6 P-B3    | Kk4-K2   |
| 7 Q-Q2    | P-Q4     |
| 8 P x P   | Kk4 x P  |
| 9 Kt-Kt5  | B x B    |
| 10 P x B  | B-K3     |
| 11 P-B4   | Cas. QR! |
| 12 P x Kt | R x P    |
| 13 Q-K2   | R x Kt!  |
| 14 Q x R  | Q-R5ch   |
| 15 K-Q4   | R-Qsqch  |
| 16 Kt-Q2  | R-Q4     |
| 17 P-Kk4  | Q-K5     |
| 18 B-B4   | Q x Rch  |
| 19 K-B2   | Q x R    |
| 20 B x R  | B x B    |
- Resigns.

COMMENTS.

R. F. P. BEDFORD.—You have solved problem 167 as it stands, but the position is not correct. Either the black knight or the pawn on B2 is misplaced, but I am not quite sure which. The chess column goes to press early, which will account for any delay in replying. R x R will not solve 168 if black plays B x R (ch). Glad you like the end-