

# N. Y. S. M. E. BULLETIN

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## **Mariners Invade Railroad; Steamer Burns Up Layout**

### **Gasoline Powered Loco To Make Debut Soon**

**Winter Rigor Seen As Cause For  
Attack On Railroad Strongholds**

Now that the local ponds are in the possession of the ice skaters and autumn leaves the Marine Gang has invaded the railroad right of way.

Leading the onslaught against railroad strongholds, was the aMerie-Leiber Shay type engine. On it's first trial run the locomotive careened around the track at terrific speed and making a nose dive to the floor, landing wite a crash, accompanied by the hiss of escaping steam.

The intrepid mariners, nothing daunted, reassembled the pieces which were recovered only after a most diligent seach under the tables.

Then the usual preliminaries incidental to the starting of any steam boiler began. The blow torch spouted gasoline over everybody, the air pressure vanished at the crucial moment and of course just as the torch was being put under the boiler it went out.

The second run was an unqualified success, the engine ascended the steepest part of the grade with ease.

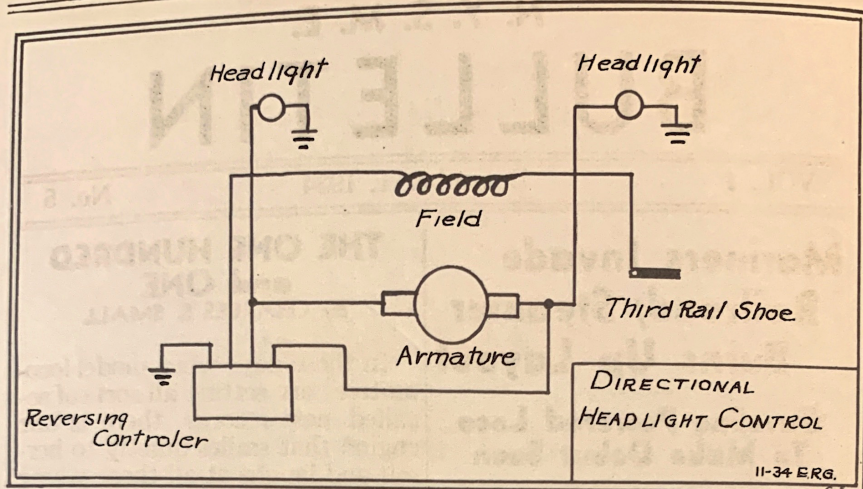
## **THE ONE HUNDRED and ONE**

By CHARLES S. SMALL

In these days when model locomotives are setting all sorts of so-called new records, there is one engine that smiles quietly to herself and laughs at all these young upstarts. Her eight years of an eventful and exciting life rest on her lightly, and she faces the future with confidence. She has seen the Union Connecting grow from a sinle loop to a complicated maze of tracks and switches. In her own small way she has pioneered in the model railroad world. Always the first to test a new division, a new switch or even a new automatic reverser still has worlds to conquer. Built in the shops of Mr. Cronkhite she is the precursor of hordes of K-4s' now running on the model railroad systems of the world.

The number of actual miles that have passed behind her must be numbed in the tens of thousands, for being operated every day of the year and doing the lion's share of the hauling for seven successive Exhibitions even little engine goes far. Repairs? Yes a few- but what engine ever withstood the clash and grind of construction without some injuries. He main work has not been hauling glistening passenger trains around a level track but rather that of a testing engine. It might be said that where angels fear to tread the 101 goes, which even if trite is true.





## A SIMPLE HEADLIGHT CONTROL

Edwin R. Graves

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With the advent of remote reversing a visible means of showing whether the reverser is in the forward or reverse position is very valuable. The method shown in the diagram is one that can be attached to any motor whether hand or automatic is being used without any additional contacts. When the motor is running forward, the forward headlight is lit and vice versa.

If 18 volts is used for traction, 12 volt bulbs can be used as only the IR drop across

the armature is impressed on the bulbs. Experiment by connecting one side of the bulb to ground and the other side to one brush while the reverser is set for forward motion. It will light on one brush and not the other. This then becomes the forward headlight. A similar connection will be made for the reverse light. If one bulb is always dim connect to the third rail shoe instead of ground.

If the reversing switch reverses the direction of current in the field, the headlight connections will have to be made at the field terminals although this method is not so satisfactory.



## STOVEPIPE

For a long while we have had a '00' Gauge track. Now we are going to have a locomotive to run on the track. Messrs. Bidonde and Brownstein are building a D D-1 with such details as sprung drivers, ball bearings, flywheel, etc.

The new additions to the U.C. R.R. tracks in the yard and at 'DB' are nearing completion.

The one and only Frank Schulz has a 1/2" bore and stroke gasoline engine that he plans to put in some sort of a gas-electric car and hopes to run on the tracks of the U.C.R.R.

Mr. Lee brought in some 1/4 inch scale Central Valley cars that he built. He is now working on an engine.

----C.G.C.

Dick Merie has just finished a Sirocco blower powered whistle unit for his automatic remote control car. This car is also equipped with an automatic speed control, which will properly react to any three color signal indication, irrespective of load or grade.

----M.M.B.

## MARINE MURMURS

After capturing the railroaders by storm, the Marine Gang is getting even more militaristic. Mr. Nazeley is constructing a destroyer or some other fearsome battle-wagon which, after very abstruse calculations, we have determined to be about five feet long.

When we last saw Bro. Schulz he had a very pained look on his face. When thoroughly cross-examined, he admitted that turning a fly-wheel on 1/8 in. arbors on our 9 in. lathe was, to say the least, annoying.

We have also heard it rumored that Henry has built a submarine. Unfortunately, the submarine activities were not intentional.

Archie has of late been wielding a monstrous soldering copper on the testing tank. When the tank was done, as all the hecklers had predicted, it leaked. Of course, this did not disconcert the redoubtable mariners, they simply poured in more water.

----C.S.S.

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