Amazing New Lamp

Discovery **Prominent** Physicist '

IT has been reported that one of a most important discoveries in ch. trical science has now been made by the physicist, C. Bol. In the overseas laboratories of the Philips Lamp Works in Eindhoven, Holland, Bol has now succeeded in making a gaseous discharge lamp of extremely high brilliauce, exceeding by far the ordinary arc lamp.

Whereas the brilliance of the carbon arc lamp is 100,000 int. c.p. per square inch the new lamp has a brilliance of no less than 250,000 int. c.p. per square inch. It is confidently expected that the new lamp will provide more efficient lighting for projection, aerodrome, flooding, searchlight, etc.

Experiments in the application of the same principle for general and have resulted in the construction of a lawer wattage. This same principle for general lighting similar lamp of lower wattage. This lamp has a very high efficiency and further developments are expected to reveal interesting possibilities for general lighting. At the same time, the sodium lamp is expected to retain its position as the most suitable lamp for road lighting.

We look forward with interest to further details of the new discovery which. ther details of the new discovery which, coming on top of the introduction of the sodium lamp, promises remarkable development in lighting practice, although, as before, the sodium lamp will approach to the sodium lamp will sent the sodium lamp will se remain unchallenged for road lighting.

THE Vienna station claims that its gramophone records broadcast last year would cover the area of Vienna, talks equalled 48 books of 500 pages each, musical scores played during the year would make a tower of 750 feet high, and running commentaries would fill 3500 newspaper pages. The price of Wagner relays equalled a tramticket a listener.

CASH MUST BE WON

RULES—(Read carefully). Write under each picture in block letters. Extra entries on plain paper. First prize for correct or nearest correct solution. In the event of a tie the promoters reserve the right to distribute the prizemoney in the way they consider most equitable, but the full £100 will be paid. Send stamps for 1/1 only if postal notes unobtainable. Post Office addresses not accepted. Promoters of other competitions barred from entering. "Where a picture could have two or more solutions, then the correct completed word underneath the picture or its English root on a word taken from the same root, such as correct-correction, will be found in the wording of this advertisement."

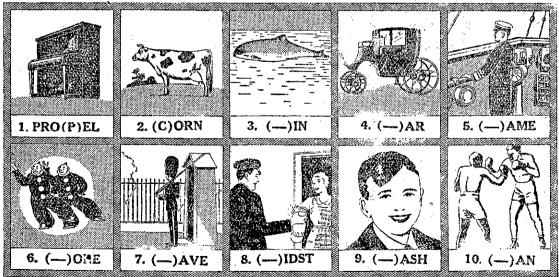
1st Prize £75 2nd Prize £25

One Entry 1/-. Each Extra Entry 6d. Sealed solution and prize money has been lodged with "N.Z. Truth."

"MISSING LETTERS"

All you have to do:-

Underneath cach picture is a word with One Letter Only missing, and this missing letter is simply the first letter of the word represented by each picture. A dash shows where the letter is missing. Note that when the word is completed it is in no way connected with the meaning of the actual picture. For instance, look at Picture No. 1 below. You are given the letters "PRO" and "EL." The picture represents "PIANO." and by placing its first latter "P" where the letter is missing between "PRO" and "EL." you get as your solvion the word "PRO" which places the missing "C" before the given letters "ORN." making "CORN." Each picture is separata and all the words together do not make a sentence



Post Entries with Name and Address.

GOLDEN CASKET COMPETITION NO. 1R G.P.O. Box 1539, Wellington

One Entry 1/-Each Extra Entry 6d. 11. BREA(---)



4 Entries must be postmarked not later than Tuesday, July 9.

RESULTS

will be published with Competition No. 2 in "N.Z. Truth" ONLY on July 17.