

## Amazing New Lamp

### Discovery by Prominent Physicist

It has been reported that one of the most important discoveries in electrical 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 brill-

iance, 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 lighting have resulted in the construction of a 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, coming on top of the introduction of the sodium lamp, promises remarkable development in lighting practice, although, as before, the sodium lamp will 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 tram-ticket a listener.



## GOLDEN CASKET COMPETITION NO. 1

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 each 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 letter "P" where the letter is missing between "PRO" and "EL" you get as your solution the word "PROPEL." Similarly with Picture No. 2 representing "COW" which places the missing "C" before the given letters "ORN" making "CORN." Each picture is separate and all the words together do not make a sentence.

1. PRO(P)EL	2. (C)ORN	3. (—)IN	4. (—)AR	5. (—)AME
6. (—)ORE	7. (—)AVE	8. (—)IDST	9. (—)ASH	10. (—)AN

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(—)	12. C(—)RE

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.