



**A
NEW
PAGE**

in the history of
MOTOR-ASSISTED

Cycling!

Not just another Motorizing Unit, but a completely new departure!

AN ENTIRELY NEW-TYPE

Power Wheel

manufactured by



Tube Investments Ltd.

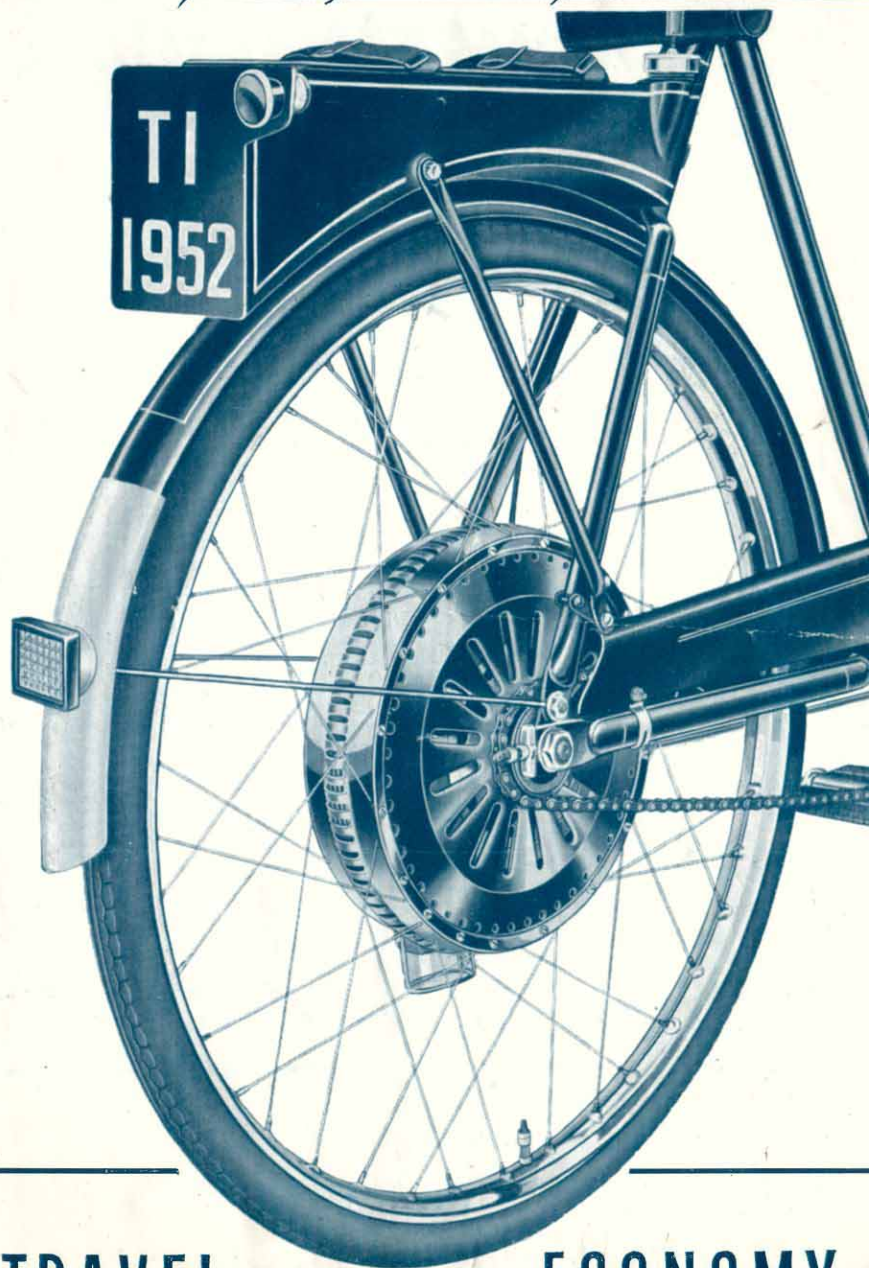
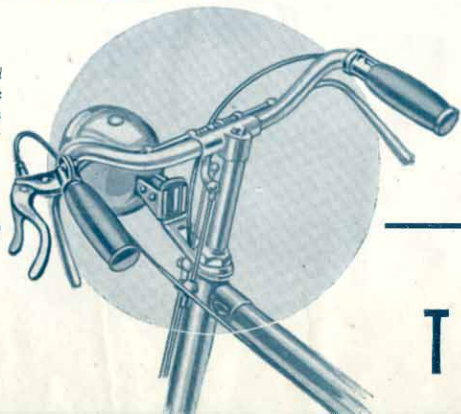
**THE FIRST COMPLETE UNIT IN THE WORLD
WITH ROTARY ENGINE, FOR POWERISING CYCLES**

Patented Belgium 498527, South Africa 11073, Argentine 80901. Great Britain Prov. Pats. Nos. 25809/49, 27872/49 and 28337/50. Patents pending in other countries.

Realising the ever-increasing demand for motorized pedal cycles, T.I. introduce a new-type POWER WHEEL, which incorporates in the HUB a light, vibrationless, powerful and precision-built 2-stroke engine. Because of the ROTARY principle, the engine will run almost indefinitely without overheating, even with the cycle stationary in traffic and the clutch out. The compact and streamlined Hub is a complete unit with machine cut enclosed gear transmission and multi-plate clutch. The only additional fitments are—as illustrated—the combined Luggage Carrier and easily-accessible Petrol Tank, and the Handlebar Controls.

CONTROLS

Unique combined right-hand throttle twist grip and choke control to facilitate starting from cold, and lightly-operated left-hand clutch lever.



TIRELESS TRAVEL WITH ECONOMY

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THE MODERN METHOD OF MOTORIZING!

- 1. FITTING . . .** The hub unit is designed for spoking into specially-drilled and punched rims, and for easy fitting to standard and sports frames without alteration.
- 2. ENGINE . . .** Rotary 2-stroke, 40 c.c., high power output. 7 h.p. at 3,600 r.p.m. The engine is so balanced that when it is running at full speed on the test bench, a pencil stays upright on the supporting members of the bench!
- 3. TRANSMISSION** Because 90% of engine weight is rotating, the flywheel effect permits use of machine-cut gears, thus providing the most reliable form of enclosed transmission.
- 4. LOCATION OF POWER UNIT** So placed that the gyroscopic forces developed by the rotating engine actually improve the balance of the bicycle.
- 5. BRAKE . . .** With advanced technique ahead of normal design for motor-assisted cycles, a special internal expanding brake is incorporated to ensure extra safety.
- 6. COMFORT . . .** Smooth, vibrationless running, gives exceptional comfort.
- 7. FUEL** Petrol. Consumption approximately 220/300 miles per gallon, according to speed and type of roads traversed. Automatic lubrication, including all gears.
- 8. AMPLE POWER AND SPEED** Exceptional hill-climbing ability. Speeds up to 25 m.p.h. can be obtained if required.



Precision-engineering Product!

All communications to:—

TUBE INVESTMENTS LTD. ("POWER WHEEL")

ROCKY LANE, ASTON, BIRMINGHAM, 6.

IceniCAM Information Service



www.icenicam.org.uk