

Adv. 28-3-31

# UNIVERSAL POWER REPORT NOT TO BE PUBLIC Shares to be Split Up

## MACHINE'S MOTIVE POWER DESCRIBED

The board of Universal Power, Limited, has decided not to make public the report on Mr. J. K. Rudolf's invention, furnished by Professor Chapman, of Adelaide University. In this report Professor Chapman advised against further expenditure on the invention, but the shareholders at the meeting on Thursday evening, at the Wool Exchange, at which the report was read, decided that an opportunity should be given to Mr. Rudolf to proceed with the completion of his invention.

The capital of the company is £3,000 divided into 285 £10 shares, and 150 £1 shares. The shareholders at the same meeting decided that the shares be split up, and to enable holders of fractions of shares to be registered, these will probably be divided into shares of 1/4 each.

## Specifications of Invention

Melbourne, March 27.  
The specifications of Universal Power unit have been made available, and they indicate that the machine depends on its action on using the force of gravity. An element is permitted to descend under gravitational force, and by so doing it produces energy. Means are provided for "balancing out" the gravitational force and restoring the element to its original position by the expenditure of an amount of energy less than that produced by its gravitational descent.

The apparatus consists of a circuitous course, having a downward incline and an upward incline. There is a running element, which travels on this course and generates energy during its descent, and, by the means provided of balancing out the weight of this element, it is restored to its original elevation. The starting and stopping of the machine are done by an electrical system, with a storage battery as the source of power. Whether a storage battery is an essential part of the apparatus is not stated in the specification.

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# UNIVERSAL POWER Shareholders Decide to Continue Experiments

A largely attended meeting of shareholders in Universal Power, Limited, was held at the Wool Exchange, Grenfell-street, on Thursday evening to consider the advisability of proceeding with the development of Mr. J. K. Rudolf's invention, in view of the adverse report received from Professor R. W. Chapman. Mr. Campbell Smith, chairman of directors, occupied the chair.

Professor Chapman's report on the machine constructed in Melbourne by Mr. Rudolf was read. In the course of it the professor said that Mr. Rudolf had attempted to solve the problem of perpetual motion, but he regarded the proposition as impossible.

Mr. Rudolf replied to the points raised by Professor Chapman in his report, and expressed himself as confident of attaining success after further experiments. Photographs of the machine as shown to Professor Chapman were then thrown on the screen.

Mr. A. J. Callinan, patent attorney, of Melbourne, having spoken on the subject of the patents secured, the chairman said the directors advised that Mr. Rudolf should be given an opportunity of completing his mathematical tests and his model.

Mr. W. D. Young moved: "That the opportunity be given to Mr. Rudolf to proceed with the completion of his invention." Mr. W. Francis seconded, Mr. Howard Vaughan and Mr. H. Pank supported, and the motion was carried unanimously.

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# WORK OF DISCOVERY ENDS

## Material for Years of Research Work

Melbourne, March 27.  
The Discovery berthed at Williamstown at noon to-day. The first to step across the gangway was Lady Mawson, who was followed by Sir David Orme Masson, Lady Masson, Dr. Rivett, and Mr. MacRobertson.

"The trip was a very useful one," said Sir Douglas Mawson, "and much new territory has been explored. The Discovery will lie at the pier for a few weeks before returning to the Falkland Islands. Our charter of her will soon expire."

Though there was still a lot to be done, Sir Douglas Mawson said that he thought the Discovery's return from the south would call a halt on Antarctic exploration for some time. The data and specimens would furnish material for research work for years.

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## Return of the Discovery

Back from the Antarctic, the exploration ship Discovery has brought with it a valuable record of scientific data and a remarkable collection of specimens from ocean depths.

People who are ignorant of the nature of its investigations, and who expect some startling pronouncement about its work, have been surprised to learn that at least two years will elapse before even the fundamental scientific results can be prepared for publication.

There is interest in the strange forms of life which Professor Harvey Johnston has brought with him, including two creatures which appear to be the common ancestor of the earthworm and the living ancestor of worms, respectively. Among other more comprehensible things the Discovery has a new series of films by Captain Frank Hurley, which will be co-ordinated with the previous films of the Discovery to make a long record of the expedition for world-wide showing.

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## Medal for Sir Douglas Mawson

Melbourne, March 30.  
The Royal Geographical Society of Australasia has decided to award its gold medal to Sir Douglas Mawson. This is an honor reserved for those who have done signal service for the Commonwealth.

News 31-3-31

# WAYS OF STUDY

## Dr. Davies on Need for Self-reliance

### "BE DOERS, NOT DOLERS"

Sound advice was given to students of Elder Conservatorium by Dr. E. Harold Davies (director) in an address on "Ways of Study" at the annual commencement social last night. About 120 students were present.

Dr. Davies began by saying that he believed all his hearers were honest workers in the field of art. He thought that it was all the more likely that they were not dabbling in study merely for appearance sake, because they were in the midst of difficult days, when many were feeling the pinch of financial stringency, and fees were hard to come by.

"Lean times mean less of make-believe and less of luxury," continued Dr. Davies. "This in the long run may be for our good."

### SPOONFEEDING EVIL

He propounded as his main theme, "Intelligent work sustained to a definite end," and as his second, "Enthusiastic belief in our power to achieve."

Chief factors in success were natural ability, intelligence, and hard work.

In emphasising the need for self-reliance Dr. Davies said that there was a general disposition among students to look to their teachers for everything. Spoonfeeding was a prevalent evil these days.

In the development section the three stages of music study could be summed up in seeing, doing, and valuing the thing that has been done.

"Be doers, not dolers," added Dr. Davies. "Could there be a better cadence to this symphony of good counsel?"

News 24-3-31

# SUSPEND SPORT

## University Proposal

SYDNEY, Today.  
Inter-university sport may be suspended for 12 months if a proposal of Dr. L. Utz (vice-president of the Australian Universities' Sports Association) is approved.

Dr. Utz contends that university men should make a serious attempt to grapple with more pressing problems than sporting events.

The six Australian universities have been asked to consider and report on the proposal. The executive of the Sydney University Sports Union will meet this week to consider the question.

News 25-3-31

# SUSPENDING SPORT

## Adelaide Students Considering

The 15 clubs affiliated with the Adelaide University Sports Association are considering the proposal of Dr. L. Utz (vice-president of the Australian Universities Sports Association) that inter-university sport should be suspended for 12 months. The six Australian universities have been asked to report on the proposal.

Mr. P. C. Greenland (secretary of the Adelaide University Sports Association) said today that the general committee of the association would not come to a decision until reports had been received from all the affiliated clubs.

The annual meeting of the association will be held in the University refectory tonight. It is probable that Mr. R. R. P. Barbour (president) will make reference to the proposal of Dr. Utz.

News 1-4-31

# VIOLONCELLO AWARD

## Musical 13-year-old Boy

Ray Eldon Fox, who has been awarded the Elder Scholarship for the violoncello, is an accomplished musician. Eldest son of Mr. and Mrs. W. R. Fox, of King street, Glenelg, Ray was born at Rotorua, New Zealand, 13 years ago.

When four years of age he was given a few lessons on the violin. Two years later his mother began to teach him the piano.

Both Mr. and Mrs. Fox are musically inclined. In conjunction with Miss Ray Fox, well-known Adelaide violinist, who is a sister of Mr. Fox, they were founders of Hamilton College of Music in New Zealand.

Ray has been learning the 'cello for three years. For two years he was under the guidance of Mr. Harold Parsons and for the past 12 months has been taught by Mr. Louis Hattenbach, of Melbourne.

Mrs. Fox stated today that when five years of age Ray would tell members of the students' orchestra at the college whether or not their instruments were in tune. Other members of the family were musical also. Joan, a younger sister, played simple tunes on the piano when three. Ray stated that he would take a brother, aged three and a half years, in hand shortly, and teach him the 'cello.

The scholarship is tenable for three years. Ray will continue his studies under Mr. Parsons.

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# DROWNED IN EDUCATION

## Professor Kerr Grant on Modern Young Men

As one who had had 40 years of education and of educating other people, Professor Kerr Grant, speaking at the Wireless Institute social last night, said the modern young man was drowned in education. "He would probably be better off without it," he said. "He would then be thrown on his own resources." The professor mentioned that the great scientist and experimenter, Michael Faraday, who made the first step in the discovery of wireless in 1831, was a man of no education and the son of a blacksmith.

Murray Pioneer  
April 1931  
LOST TO AUSTRALIA

# Mr. A. L. Gordon MacKay Not Returning

Former members of the W.E.A. in the river centres, and others interested in that movement, will regret to learn that Mr. A. L. Gordon MacKay, late director of the Association in this State, is not returning to South Australia, owing to curtailments in the University staff on account of the financial stringency.

Mr. MacKay was one of the "solidest" students of economics in Australia and entitled to sport an immense array of university honours, to which Cambridge has just added the honours degree of M.Litt. He left Adelaide in November 1928, after a serious illness with twelve months leave of absence from the University—afterwards extended to two years—for the purpose of studying economic and financial problems in Great Britain and Europe, making the University of Cambridge his headquarters. He has written two books since he left Australia, one of which "The Banking and Credit Systems of Australia" has just been published, and the other, on education, is in the press.

In a letter recently received Mr. MacKay mentions that in pursuit of his studies he has visited every University of note in Europe and the British Isles, as well as all the Central Banks, Treasuries, and Foreign offices of Europe. He has also made a special study on the spot of the danger centres of Europe, such as the Danzig Corridor, the new French-Polish submarine base on the Baltic, the Ruhr, the Brenner and Alsace Lorraine. He was in a Communist rising in Vienna and saw the rise and development of the Nazi movement in Germany, and has recently made a special investigation of Fascism in Italy and of Catholic education, learning Italian for the purpose.

One of the chief purposes of Mr. MacKay's travels and intensive studies was to equip himself the better to serve Australia, and he is naturally disappointed that after all the labour and expense thus involved he is not to return to Adelaide. But though there is no suggestion of such a thing in his letters, there is a strong suspicion that some of the mandarins who control our university are much more concerned that the teachers of economics shall be conventionally orthodox and tame than that they shall be men of wide knowledge and experience, and that both Mr. MacKay and his brilliant predecessor Dr. Heaton (now a professor in an American university) were passed over when the appointment of a professor of economics came to be considered, because they were regarded as too independent and original in their thinking.

It will be a pity if Mr. MacKay is lost to Australia. Among the men he has been working with or frequently meets he mentions Dr. Temperley, who is engaged with Professor Gooch in editing the British documents on the causes of the War, Keynes, Robertson and Pigou among the recognized economists, Sir Basil Blacket, a director of the Bank of England who followed Niemeyer at the Treasury and was Britain's finance member of the Viceroy of India's Council, Sir David Chadwick, secretary of the Imperial Economic Conference, Frank McDougall of the Empire Marketing Board, Professor Julian Huxley and Sir Henry Strakosch. He mentions having met General Smuts and Gilbert Murray, and speaks of Astor of The Times (who will be remembered here as a member of the Empire Press delegation) as probably the best of the newspaper men he has seen.

Of Mr. Frank McDougall he says "he is pulling a good oar for Australia in London," and mentions Mr. Crocker (whom a number in Denmark will remember) as living at Oxford and having written a book on the Population Problems of the Pacific. Jung, the world famous psychologist, was met in Switzerland. A meeting with Professor Darnley Naylor is mentioned, also a project which Mr. MacKay was commissioned by the Germans to attempt, for an exchange of students between the German and Australian universities.

Adv. 10-4-31

Mr. J. M. Black received the Sir Joseph Verco medal for scientific research from the president (Dr. Charles Fenner) at a meeting of the Royal Society last night. Mr. Black compiled a handbook on "The Flora of South Australia," a labor of seven years. He has contributed papers on botanical subjects to the Royal Society for 20 years.