



发明专利证书

Certificate of Invention Patent

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December 5, 2007

Robert M.L. Baker, Jr., Ph.D.
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Re: Grant of Patent in China
Assignee: Gravwave LLC & Robert M. L. Baker, Jr.
CPH Ref. B596:39743-PRC(01)

Dear Bob:

A patent has now been granted as follows:

Country	: China
Title	: GRAVITATIONAL WAVE DETECTOR
Patent No.	: 0510055882.2
Granted On	: September 19, 2007
Effective Date	: July 13, 2001
Expiration Date	: July 13, 2021
Next Tax Due	: July 13, 2008
Working Due	: SEE INFORMATION SHEET

Enclosed herewith is the original Letters Patent which should be retained in your valuable records file. The enclosed "Information Sheet" provides important information regarding patented inventions in the subject country.

Sincerely,



Richard J. Ward, Jr.

RJW/jcc
Enclosures: Letters Patent
Information Sheet
cc: Frederick W. Noble

JCC PAS767894.1-* -12/3/07 10:38 AM

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DATA SHEET

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发明专利证书

发明名称：引力波发生器

发明人：小罗伯特·M·L·贝克

专利号：ZL 2005 1 0055882.2

专利申请日：2001年7月13日

专利权人：格拉夫波有限公司；小罗伯特·M·L·贝克

授权公告日：2007年9月19日

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局长

田力普



2007年9月19日

CLAIMS:

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2. 一种引力波检测装置，包括：

多个压电晶体收集器元件，用于匹配作为定义的电磁波的一串大电流脉冲的频率 ω 与一串引力波频率 ν ，使电磁波和引力波一致，以增加检测装置的吸收截面 σ ；

大电流脉冲电磁波的源，大电流脉冲电磁波以光速沿引力波方向移动，其与永久或静态磁场交互作用，以产生小的检测电流脉冲，所述检测电流脉冲的方向与所述一串引力波的方向成直角，并且是由于一串引力波和静态磁场的存在引起的，以及

接收器，用于接收由引力波的通过产生的小的检测电流脉冲，并连接到信息处理装置，以指示引力波的检测。

2. A gravitational wave detection device comprising:

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a source of large current pulse electromagnetic waves moving at light speed in the same direction as the train of gravitational waves to be detected, which interact with a static magnetic field at right angles to the electromagnetic waves in order to generate small detection current pulses or detection photons, that are directed at right angles, in both directions, to the direction of the train of gravitational waves and the magnetic field and are due to the presence of the train of gravitational waves and the static magnetic field and electromagnetic waves and

a receiver or receivers to receive the resulting small detection current or photons resulting from the passage of the gravitational wave, operatively connected to an information processing device to indicate the detection of gravitational waves.