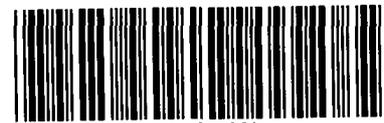


COMPANY REGISTRATION NUMBER 06535329

BURY ANTIQUES LIMITED
UNAUDITED ABBREVIATED ACCOUNTS
30 SEPTEMBER 2014

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COMPANIES HOUSE

SLAVEN JEFFCOTE LLP
Chartered Certified Accountants
1 Lumley Street
Mayfair
London
W1K 6TT

BURY ANTIQUES LIMITED

ABBREVIATED ACCOUNTS

PERIOD FROM 1 APRIL 2013 TO 30 SEPTEMBER 2014

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BURY ANTIQUES LIMITED
ABBREVIATED BALANCE SHEET

30 SEPTEMBER 2014

	Note	30 Sep 14 €	€	31 Mar 13 €
CURRENT ASSETS				
Stocks		714,288		614,308
Debtors		46,140		50,135
Cash at bank and in hand		80,029		14,471
		<u>840,457</u>		<u>678,914</u>
CREDITORS: Amounts falling due within one year		<u>154,642</u>		<u>12,790</u>
NET CURRENT ASSETS			<u>685,815</u>	<u>666,124</u>
TOTAL ASSETS LESS CURRENT LIABILITIES			<u>685,815</u>	<u>666,124</u>
CREDITORS: Amounts falling due after more than one year				
			-	446,711
			<u>685,815</u>	<u>219,413</u>
CAPITAL AND RESERVES				
Called-up equity share capital	2	480,108		108
Profit and loss account		205,707		219,305
SHAREHOLDERS' FUNDS			<u>685,815</u>	<u>219,413</u>

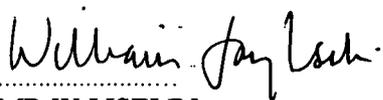
For the period from 1 April 2013 to 30 September 2014 the company was entitled to exemption from audit under section 477 of the Companies Act 2006 relating to small companies.

Director's responsibilities:

- The members have not required the company to obtain an audit of its accounts for the period in question in accordance with section 476; and
- The director acknowledges his responsibility for complying with the requirements of the Act with respect to accounting records and the preparation of accounts.

These abbreviated accounts have been prepared in accordance with the special provisions applicable to companies subject to the small companies regime.

These abbreviated accounts were approved and signed by the director and authorised for issue on 20.11.2014



 MR W J ISELIN

Company Registration Number: 06535329

The notes on page 2 form part of these abbreviated accounts.

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BURY ANTIQUES LIMITED

NOTES TO THE ABBREVIATED ACCOUNTS

PERIOD FROM 1 APRIL 2013 TO 30 SEPTEMBER 2014

1. ACCOUNTING POLICIES

Basis of accounting

The financial statements have been prepared under the historical cost convention, and in accordance with the Financial Reporting Standard for Smaller Entities (effective April 2008).

Turnover

Turnover represents the amounts receivable, excluding VAT, by the company for goods supplied and services provided during the year.

Stocks

Stocks are valued at the lower of cost and net realisable value, after making due allowance for obsolete and slow moving items.

Foreign currencies

Assets and liabilities in foreign currencies are translated into sterling at the rates of exchange ruling at the balance sheet date. Transactions in foreign currencies are translated into sterling at the rate of exchange ruling at the date of the transaction. Exchange differences are taken into account in arriving at the operating profit.

Financial instruments

Financial liabilities and equity instruments are classified according to the substance of the contractual arrangements entered into. An equity instrument is any contract that evidences a residual interest in the assets of the entity after deducting all of its financial liabilities.

Where the contractual obligations of financial instruments (including share capital) are equivalent to a similar debt instrument, those financial instruments are classed as financial liabilities. Financial liabilities are presented as such in the balance sheet. Finance costs and gains or losses relating to financial liabilities are included in the profit and loss account. Finance costs are calculated so as to produce a constant rate of return on the outstanding liability.

Where the contractual terms of share capital do not have any terms meeting the definition of a financial liability then this is classed as an equity instrument. Dividends and distributions relating to equity instruments are debited direct to equity.

2. SHARE CAPITAL

Allotted and called up:

	30 Sep 14		31 Mar 13	
	No	€	No	€
Ordinary shares £1 (2013 - 100)	<u>400,100</u>	<u>480,108</u>	<u>100</u>	<u>108</u>

During the period under review the company issued 400,000 ordinary £1 shares, by capitalising part of the shareholder loan account.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 435: QUANTUM MECHANICS

PROBLEM SET 1

Due: Monday, September 10, 2012

1.

Consider a particle in a one-dimensional potential well

$$V(x) = \begin{cases} 0 & -a \leq x \leq a \\ \infty & \text{otherwise} \end{cases}$$

where $a > 0$. The wave function $\psi(x)$ is real and satisfies the boundary conditions $\psi(-a) = \psi(a) = 0$.

(a) Show that

$$\int_{-a}^a \psi(x) \psi'(x) dx = 0$$

by using the boundary conditions and the fact that $\psi(x)$ is real.

(b) Show that

$$\int_{-a}^a \psi(x) \psi''(x) dx = -\int_{-a}^a \psi(x) V(x) \psi(x) dx$$

by using the boundary conditions and the fact that $\psi(x)$ is real.

(c) Show that the expectation value of the momentum operator \hat{p} is zero.

(d) Show that the expectation value of the energy operator \hat{H} is

$$\langle \hat{H} \rangle = \frac{\hbar^2}{2m} \int_{-a}^a |\psi'(x)|^2 dx + \int_{-a}^a V(x) |\psi(x)|^2 dx$$

2. (10 points)

(a) Show that

$$\int_{-\infty}^{\infty} \psi(x) \psi'(x) dx = 0$$

by using the boundary conditions and the fact that $\psi(x)$ is real.

(b) Show that the expectation value of the momentum operator \hat{p} is zero.