

**THE JOINT EXAMINATION BOARD**

**PAPER P3**

**PREPARATION OF SPECIFICATIONS  
FOR UNITED KINGDOM  
AND OVERSEAS PATENTS**

**15th November, 1996**

**10.00 a.m. - 2.00 p.m.**

Please read the following instructions carefully. This is a **FOUR HOUR** Paper.

1. In the appropriate boxes at the top of each sheet please enter the designation of the paper, the question number, and your Examination number. Write on one side of paper only using **BLACK** ink. You must **NOT** staple pages together. You must **NOT** state your name anywhere in the answers.
2. With your answer, you should submit a copy of the legend-free sketches (sheet 4) to which you have added reference numerals (for your assistance, two copies of the legend-free sketches - sheet 4 - are provided, but only one copy thereof needs to be submitted).
3. **NO** printed matter or other written material may be taken into the examination room.
4. Answers **MUST** be legible. If the examiners cannot read a candidate's answer no marks will be awarded.

**THIS PAPER COMPRISES 6 PAGES (INCLUDING THIS FRONT SHEET)**

JEB PAPER P3, NOV 1996

Your client, a 'private' inventor, writes:

"I have just invented a device for which I would like to apply for a patent and enclose sketches A and B of one form of the device.

You may think that it looks like one of those rolling pins for producing a patterned pie topping but it is, in fact, a massaging device!

The device shown in the sketches is designed for massaging both sides of a patient's back simultaneously, and the legends in sketch A will readily indicate to you how it is constructed and operates. Thus, preferably with the patient lying face down on a massaging table, the physiotherapist firmly grips the wooden rod at both ends and runs the device up and down the patient's back whilst applying appropriate downward pressure. During this process, the rigid knobbly spikes rotate, with the collars, about the rod and apply an effective massaging action to the patient's back.

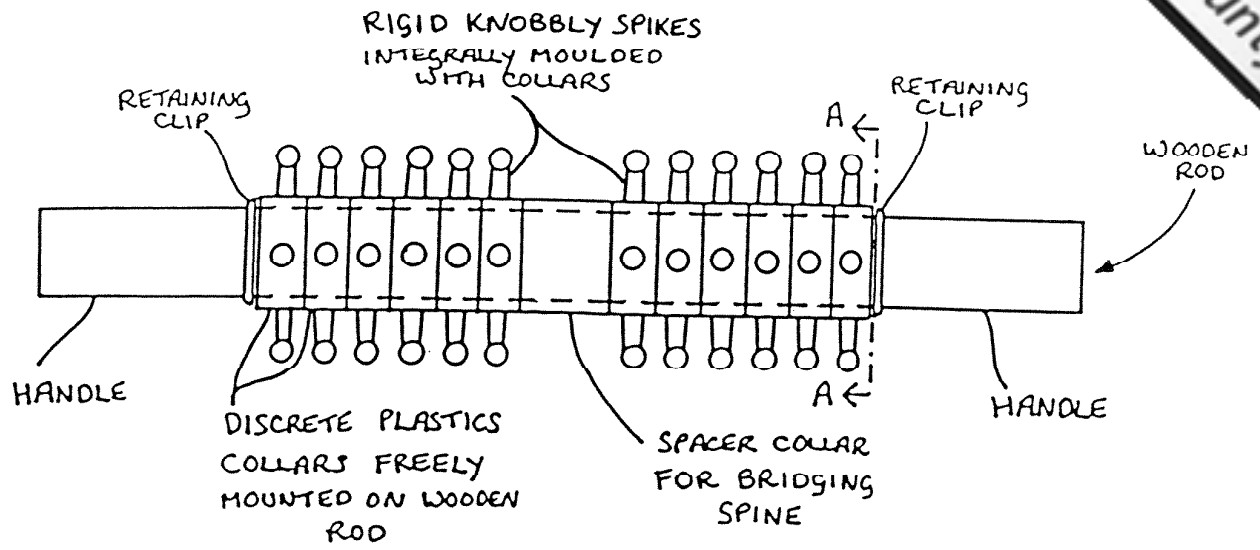
In the device shown, you will appreciate that the collars, and hence the sets of knobbly spikes, can rotate relative to one another. This, however, is not essential and the knobbly spikes could, for example, be fixed directly to the wooden rod which would have a sleeve-like handle rotatably mounted on each of its ends.

I also envisage smaller versions for massaging localised regions of the back or other parts of the body and that could be held in just one hand. Where physically possible, the massaging operation could be carried out by oneself".

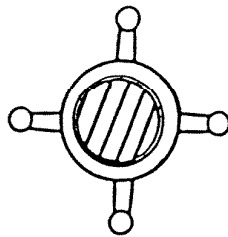
Insofar as prior art is concerned, you should take into account only the rolling pin referred to by your client and shown in sketch C. With reference to sketch C, the wooden rolling pin is identical to a conventional one-piece wooden rolling pin save that it has a symmetrical arrangement of hemispherical, wooden projections on its surface. Thus, as the rolling pin is, as a final rolling operation, rolled lightly over the pastry dough in the usual way using the palms of one's hands, it forms a decorative pattern of depressions in the pastry dough.

Draft:

1. A specific description of the device shown in sketches A and B.  
You should submit with your answer one of the legend-free copies of those sketches (sheet 4) adding reference numerals. (20 marks)
2. A set of "device" claims for a UK patent application comprising a single independent main claim and a set of sub-claims. (70 marks)
3. A two-part main "device" claim for a European patent application. (10 marks)

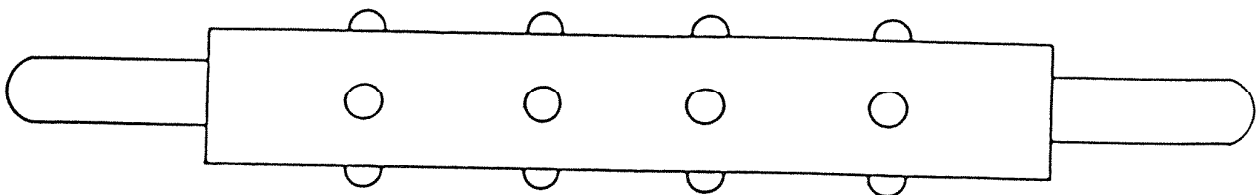


SKETCH A

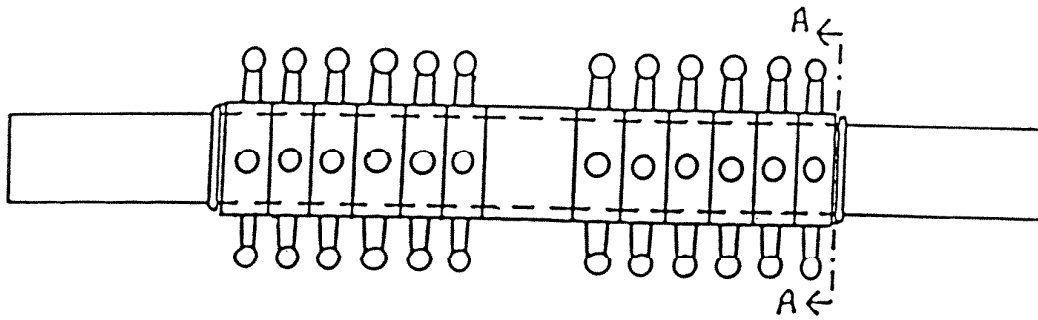


SECTION ON A-A

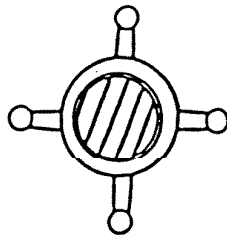
SKETCH B



SKETCH C (PRIOR ART)



SKETCH A



SECTION ON A-A

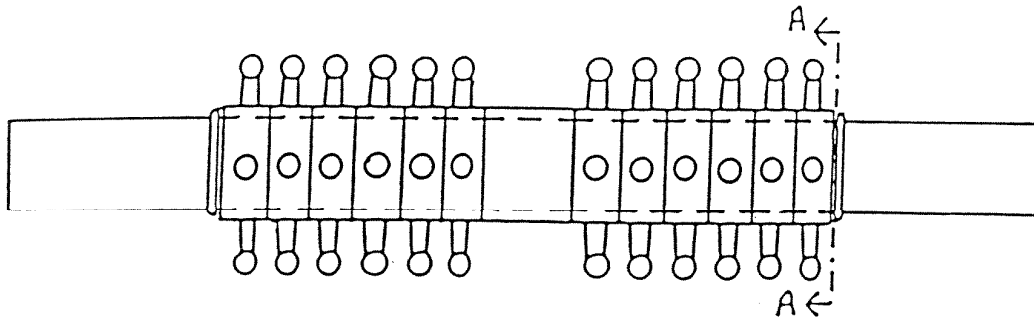
SKETCH B

PAPER QUESTION

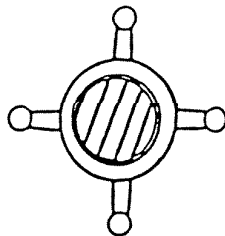
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REFERENCE NUMBER

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SKETCH A



SECTION ON A-A

SKETCH B