

**INTELLECTUAL PROPERTY OFFICE OF SINGAPORE QUALIFYING EXAMINATION  
FOR THE REGISTRATION OF PATENT AGENTS**

**PAPER A: Date of Examination = 25 Mar 2002  
TITLE: PREPARATION OF A PATENT SPECIFICATION DRAFTING**

**Maximum Time: 3 Hours + 15 Minutes of reading time  
Maximum Marks: 100 Points**

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**INSTRUCTION TO CANDIDATES**

1. 15 minutes of reading time is provided. You are advised to spend this time reading the instructions and the question(s) before you attempt to answer the question(s).
2. Write your answers in English. Answers in any other language will not be marked.
3. Only your answers to the question(s) written or pasted in the Answer Booklet (that is provided by the Examination Secretariat) would be considered. You are advised to write on one side of each sheet in the Answer Booklet and to commence your answer to each question (where applicable) on a fresh sheet.
4. Write on one side of the paper only.
5. You should accept the facts given in the paper and not use any special knowledge you may have. Assume also that the prior art given is exhaustive.

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**(I) Client's Letter**

Your client writes to you as follows:

I have invented a massage device which is shown in the attached drawing marked sketch A and B. I would like to obtain a patent for my device.

The device is designed for massaging both sides of a patient's back simultaneously. The drawing shows clearly how the device is constructed. It is used with the patient lying face down. The therapist grips both handles and runs the device up and down the patient's back whilst applying downward pressure. The knobbly spikes rotate with the collars relative to the wooden rod and thus apply a massaging action to the patient's back.

The collars with their associated knobbly spikes can rotate relative to each other as well as to the wooden rod. However that is not essential. The knobbly spikes could be fixed directly to the wooden rod and a sleeve like handle rotatably mounted at each end of the rod.

I also would like to include in the patent a smaller version with just one handle that could be used on other parts of the body possibly by the patients themselves.

Yours faithfully,  
Client

The only prior art found is shown in sketch C and is a wooden rolling pin with a symmetrical arrangement of hemi-spherical wooden projections on its surface. It is used for making a decorative pattern in pastry.

Prepare a specification and claims directed to the device.

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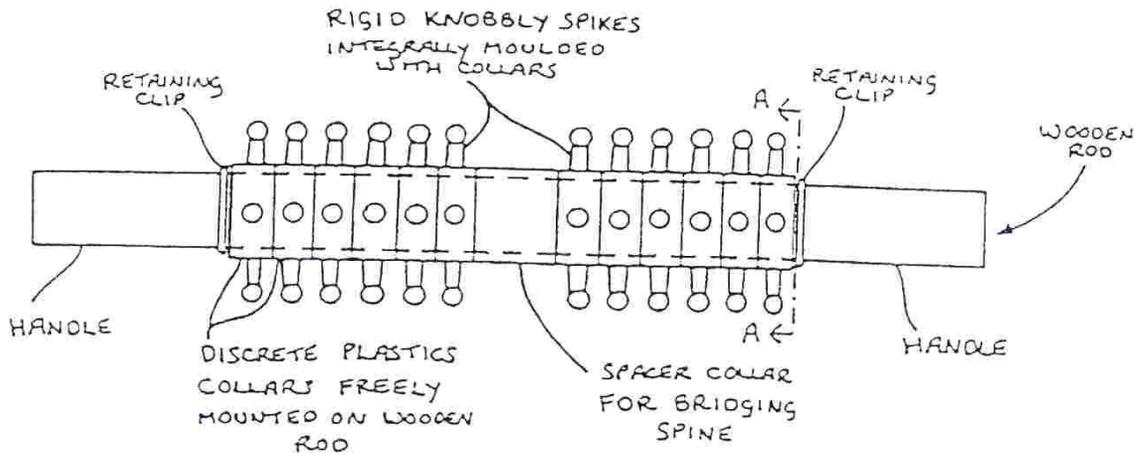
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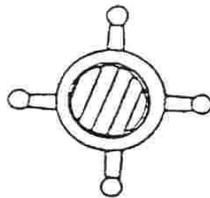
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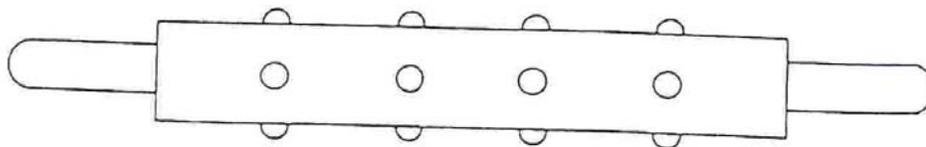


SKETCH A



SECTION ON A-A

SKETCH B



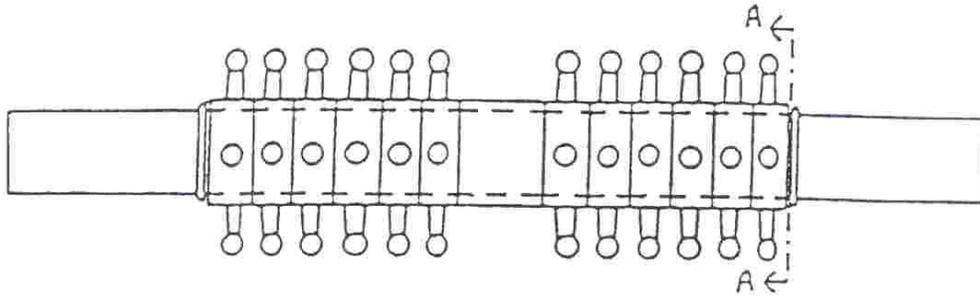
SKETCH C (PRIOR ART)

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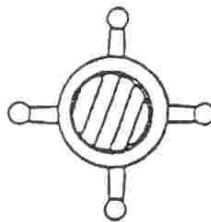
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SKETCH A



SECTION ON A-A

SKETCH B