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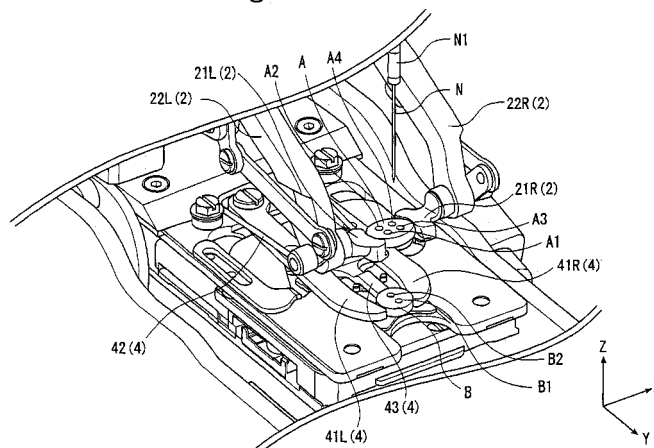
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(54) Control apparatus for button sewing machine and button sewing method using the same

(57) A button sewing machine 100 includes an upper button holding portion 2 and a lower button holding portion 4 for holding an upper button A and a lower button B which are to be sewn onto a cloth M, and sewing operation control means (a CPU 71). The sewing operation control means executes to sew the upper button and the lower button onto the cloth in the combination of a first sewing operation control for driving the upper button holding portion and the lower button holding portion in

such a manner that a thread inserted through holes A1 and B1 of the upper button and the lower button is inserted through other holes A2 and B2 of the upper button and the lower button, and a second sewing operation control for driving the upper button holding portion and the lower button holding portion in such a manner that the thread inserted through one of the holes of the upper button and the lower button is inserted through one of the other holes of the upper button and one hole of the lower button.

Fig.2





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09, 30 September 1996 (1996-09-30) -& JP 08 117465 A (JUKI CORP), 14 May 1996 (1996-05-14) * abstract; figures * -----	2	D05B3/14
			TECHNICAL FIELDS SEARCHED (IPC)
			D05B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 February 2006	Examiner Debard, M
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 01 0354

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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JP 08117465	A	14-05-1996	NONE

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82