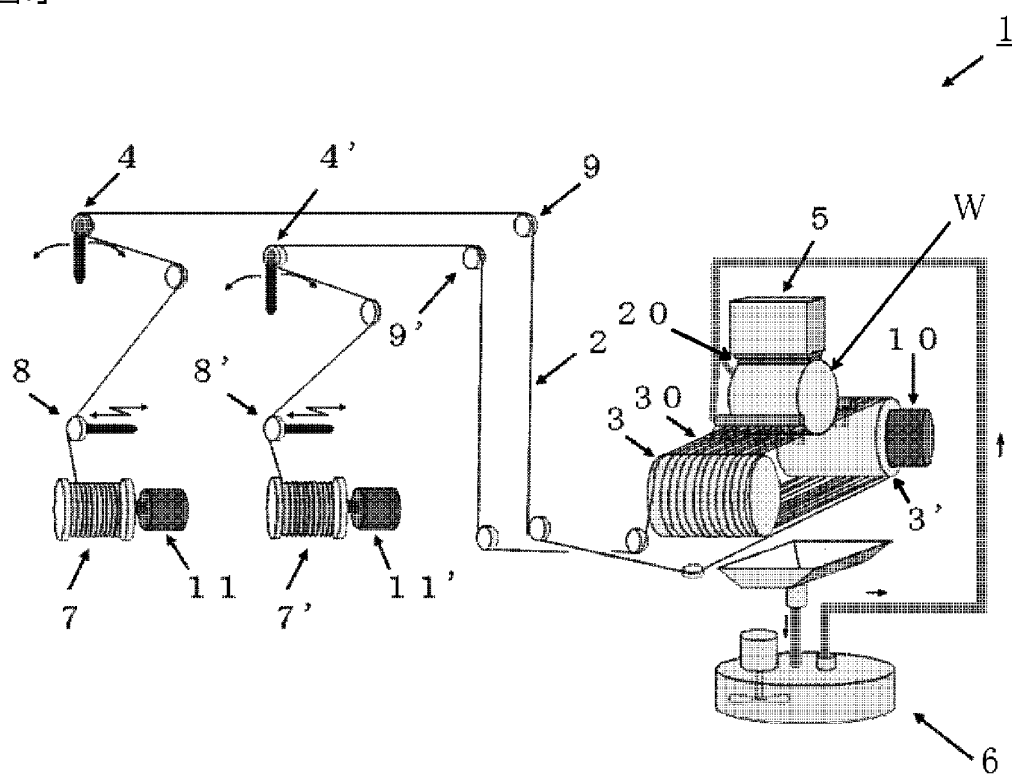
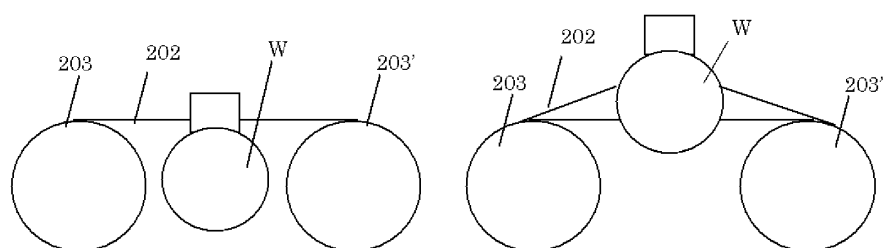


[図1]

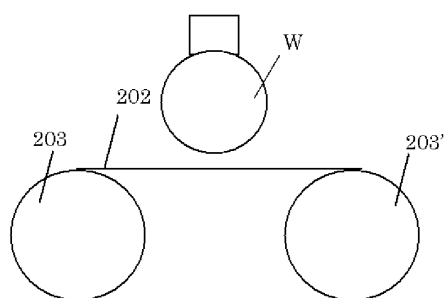


[図2]



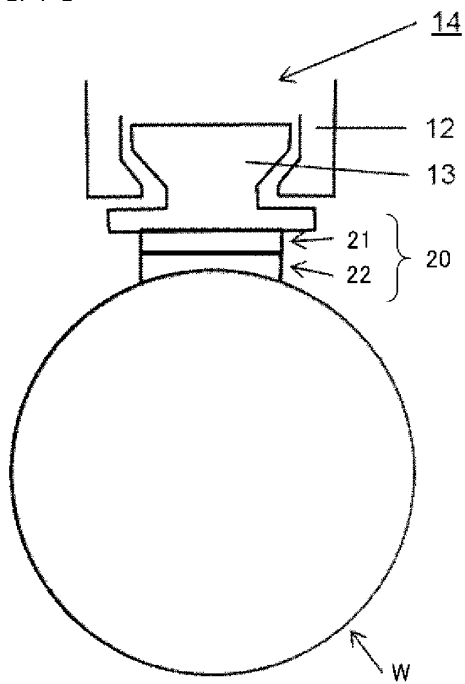
(a) 切断終了時

(b) 引っ掛かり発生時

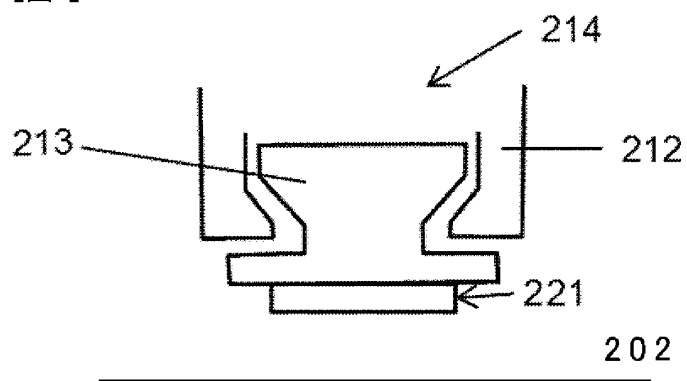


(c) 引き抜き終了時

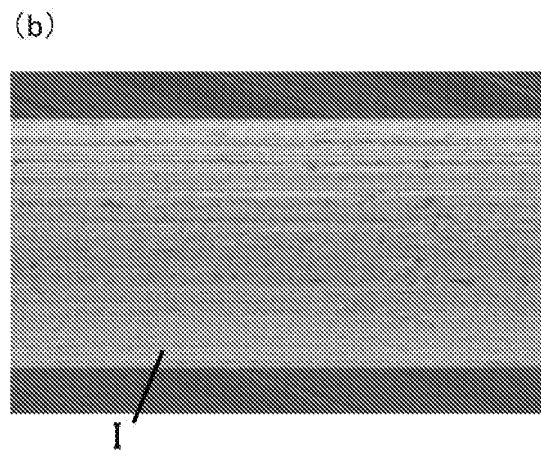
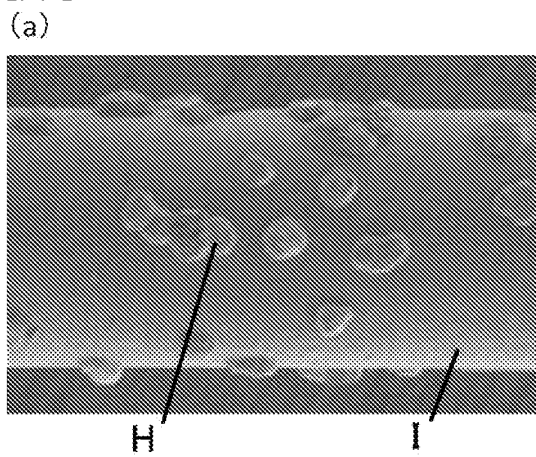
[図3]



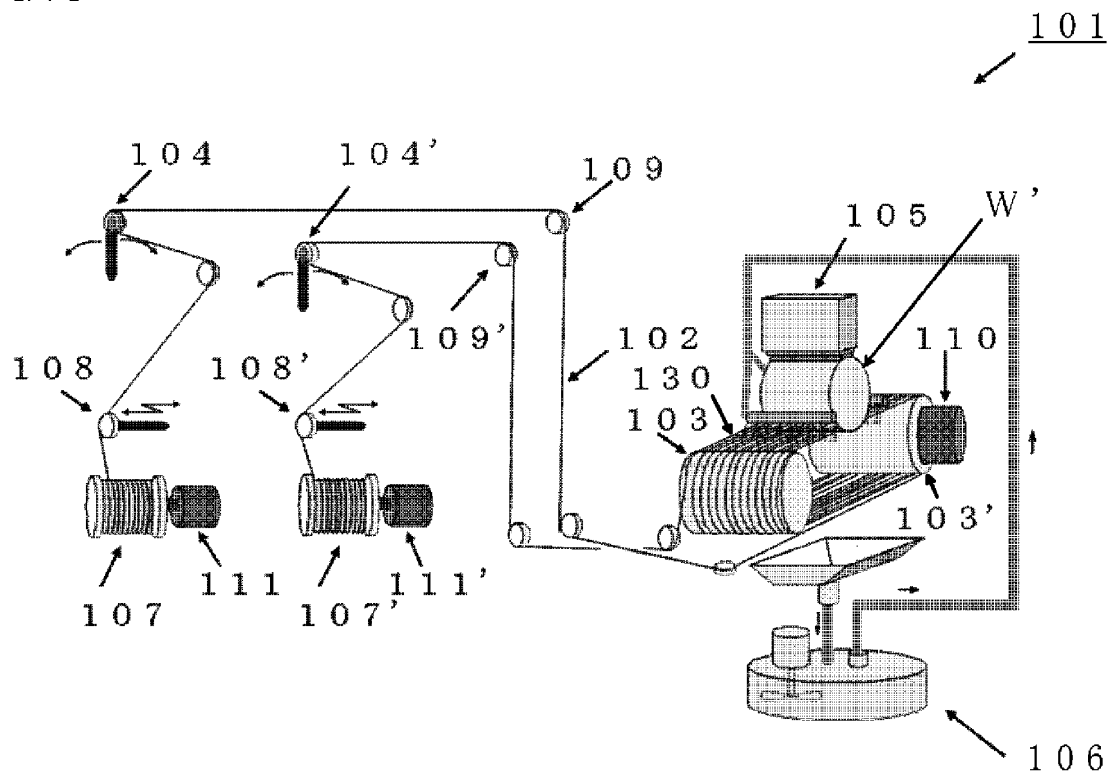
[図4]



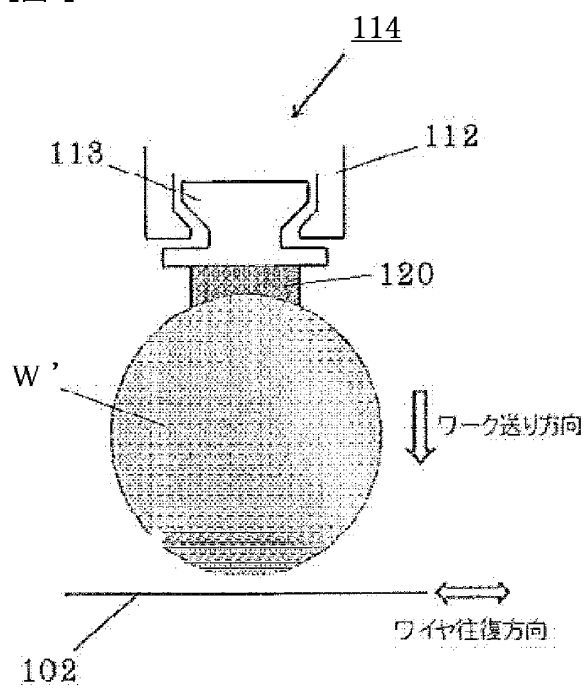
[図5]



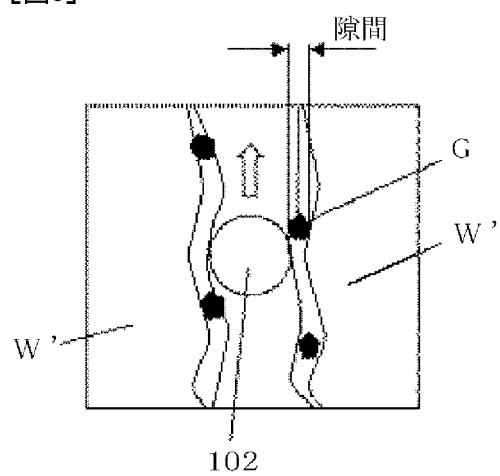
[図6]



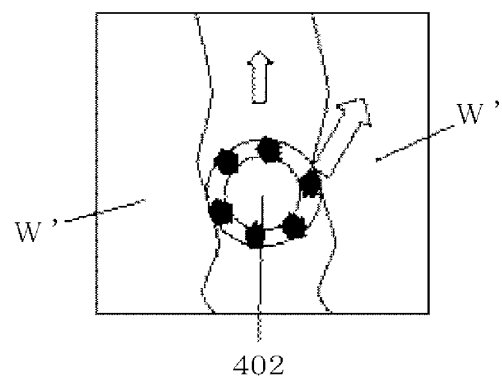
[図7]



[図8]



(a) 遊離砥粒方式



(b) 固定砥粒方式

[図9]

