

1. A magnetic tape cartridge (1) comprising a magnetic tape wound around a single reel; (2), a cartridge casing ~~in which~~(3) ~~for housing~~ the reel ~~is housed for rotation~~(2) and a reel stopper means ~~which locks~~ (10) ~~for locking~~ the reel ~~not to rotate when the magnetic tape cartridge is not being used and releases the reel to permit~~(2) ~~or permitting~~ rotation thereof ~~when the magnetic tape cartridge is to be used,~~

4. ~~\_\_\_\_\_ wherein the improvement comprises that~~  
~~\_\_\_\_\_ the reel stopper means (10) comprises a braking member which is~~  
~~movable(4) being moveable~~ between a locking position ~~where it is in contact~~  
~~with the reel to restrict rotation of the reel~~ and a releasing position ~~where it is~~  
~~away from the reel to permit rotation of the same~~, an urging member ~~which~~  
~~urges~~(5) ~~for urging~~ the braking member (4) toward the locking position, and  
a releasing member ~~which is~~(6) ~~being~~ rotated integrally with the reel ~~and~~  
~~moves~~(2) ~~for moving~~ the braking member (4) toward the releasing position  
in response to a reel chucking action of ~~the~~a reel drive means (11) of a tape  
drive, ~~and~~

~~\_\_\_\_\_ wherein~~ the braking member (4) is provided with a braking gear  
~~which is~~(42) ~~comprising gear teeth being~~ adapted to be engaged, ~~to restrict~~  
~~rotation of the reel~~, with ~~an~~at least one engagement gear tooth ~~on~~(29) of an  
engagement projection (27) formed on the reel, ~~and~~

~~\_\_\_\_\_ (2), characterized in that~~ each of the gear teeth of the braking gear  
~~has~~(42) ~~comprises~~ a first inclined surface ~~which is brought into abutment~~  
~~against the engagement gear teeth when the reel is rotated in the~~(42a) ~~being~~  
~~directed towards~~ a tape-unwinding direction ~~with the braking gear and the~~  
~~engagement gear tooth in mesh with each other~~(U) and a second inclined  
surface ~~which is brought into abutment against the engagement gear teeth~~  
~~when the reel is rotated in the tape~~(42b) ~~being directed towards a tape-~~

winding direction ~~with the braking gear and the engagement gear tooth in mesh with each other, the first and second inclined surfaces forming therebetween an apical angle not larger than 90°, and the~~ (W), wherein an interior angle ( $\alpha$ ) between the first inclined surface (42a) and ~~the~~ a vertical ~~being not larger~~ (s) is smaller than ~~the~~ an interior angle ( $\beta$ ) between the second inclined surface (42b) and the vertical ~~;~~ (s).