

THIS IS THE FAMILY COMPUTER!!

Disk System



Nintendo®

じかい
次回は、
「ネットワークシステム」について
せつめい
説明するから、たの
しみだね。



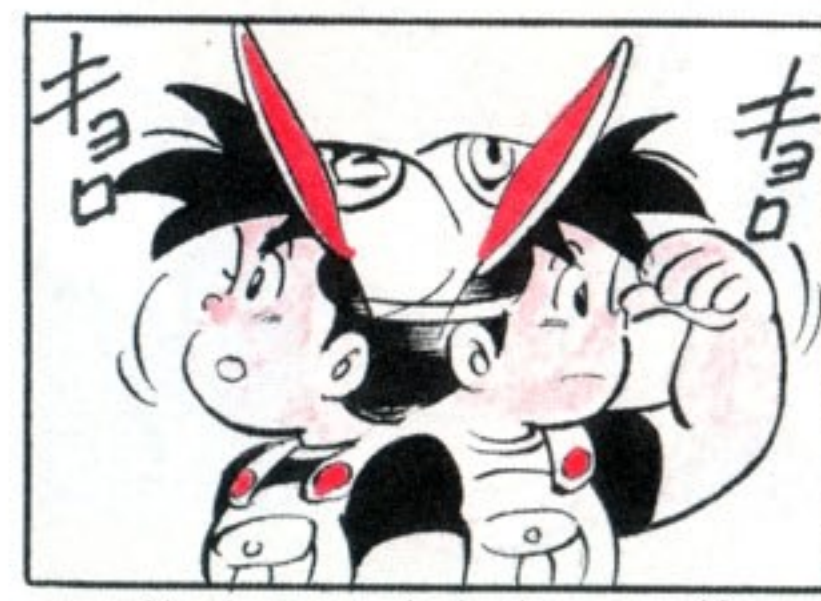
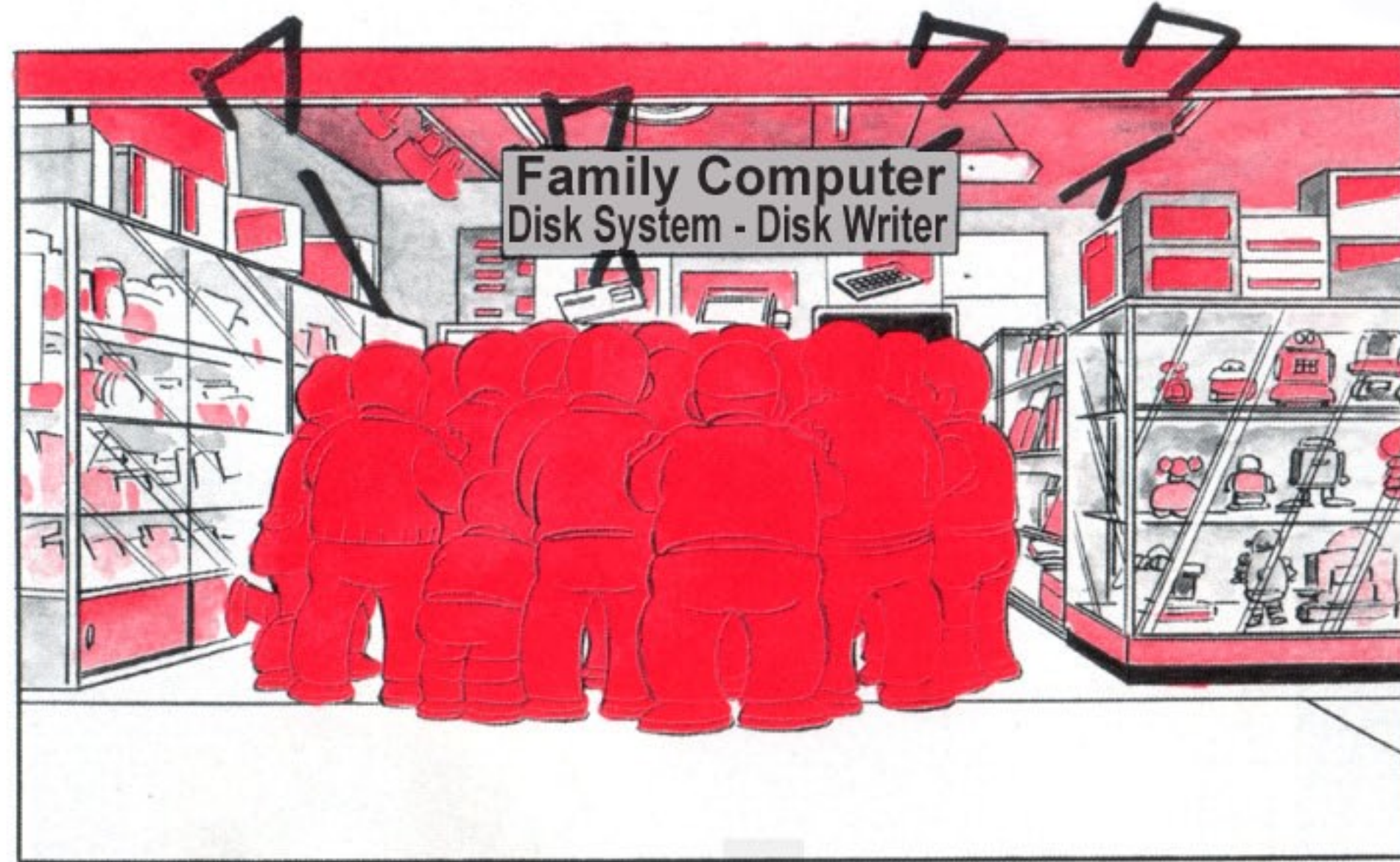
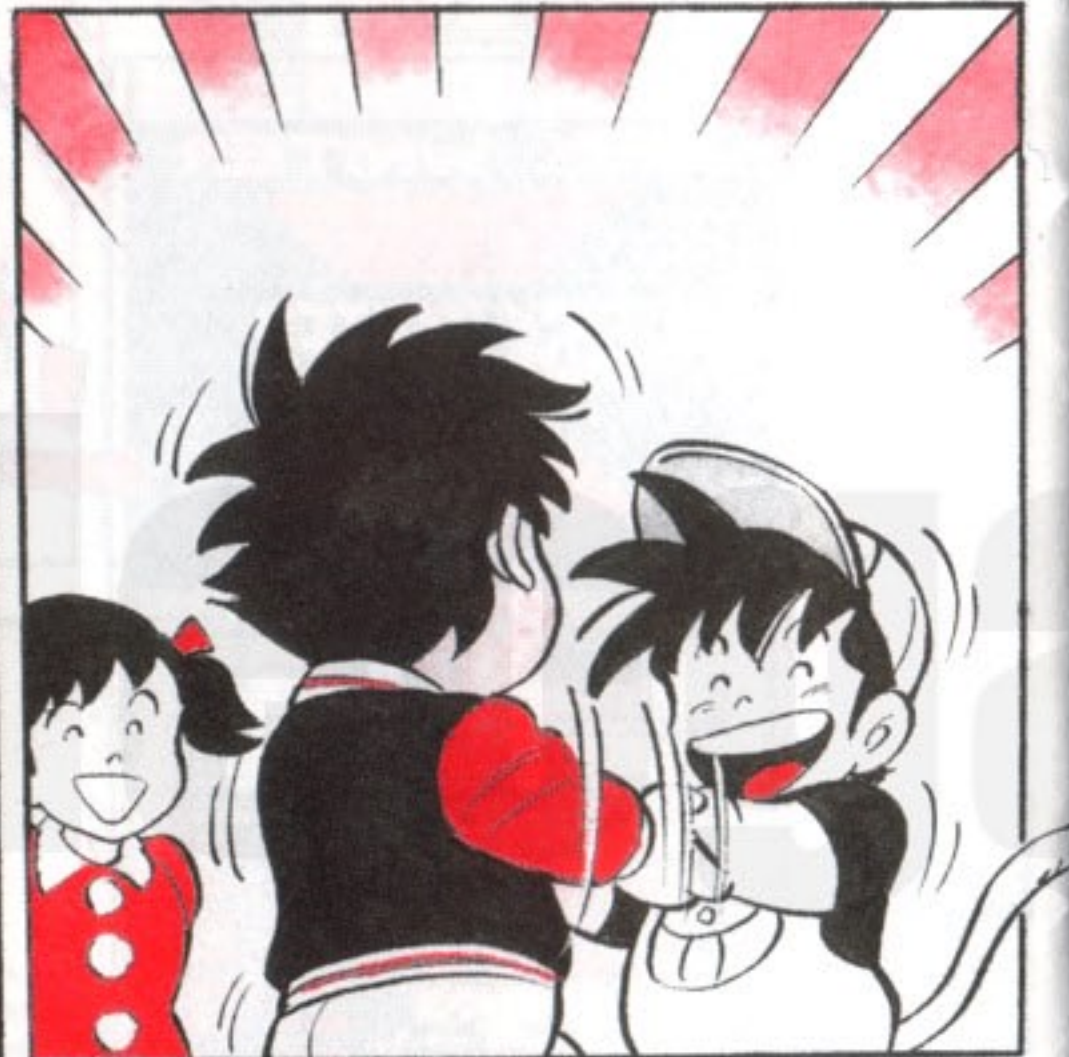
発行：任天堂株式会社 京都市東山区福福上高松町60番地
TEL. 075-541-6113

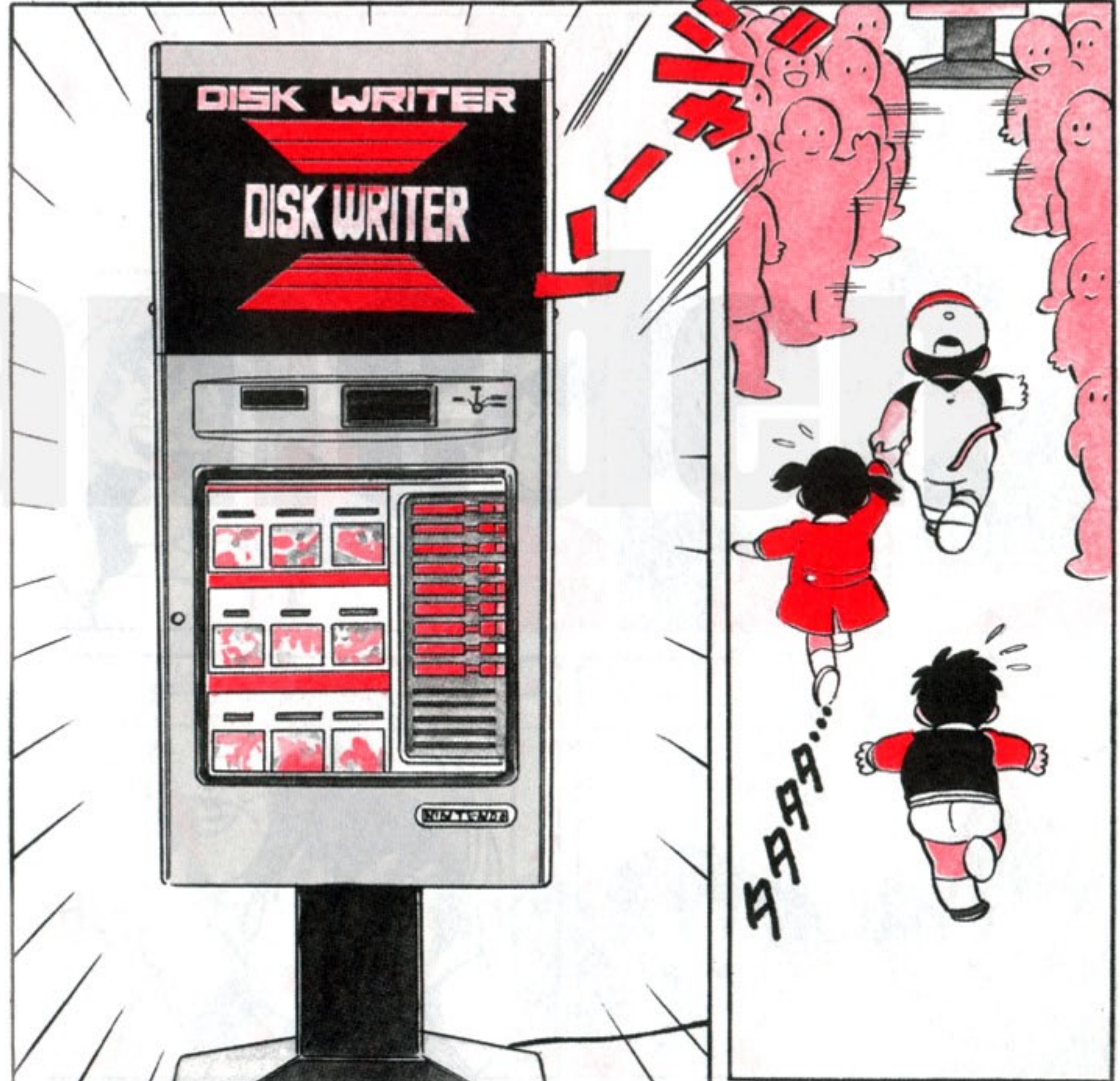
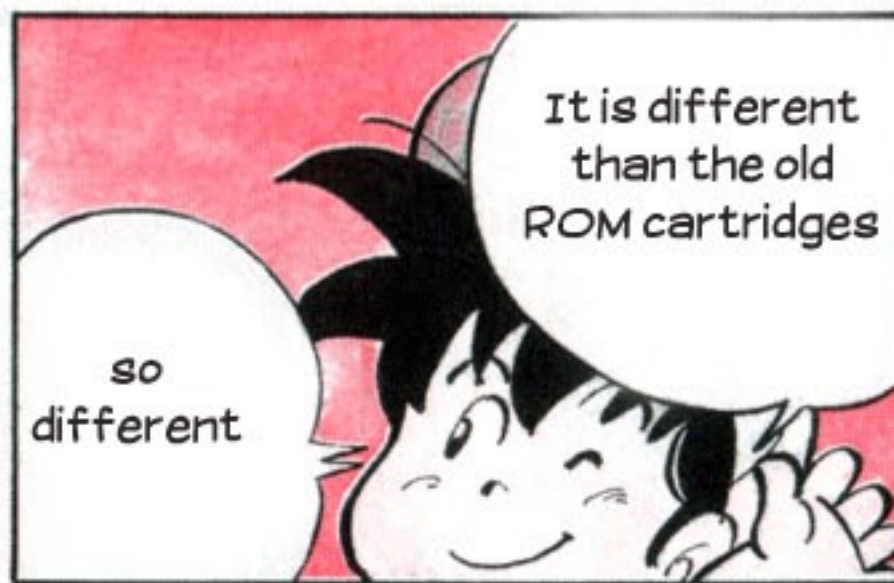
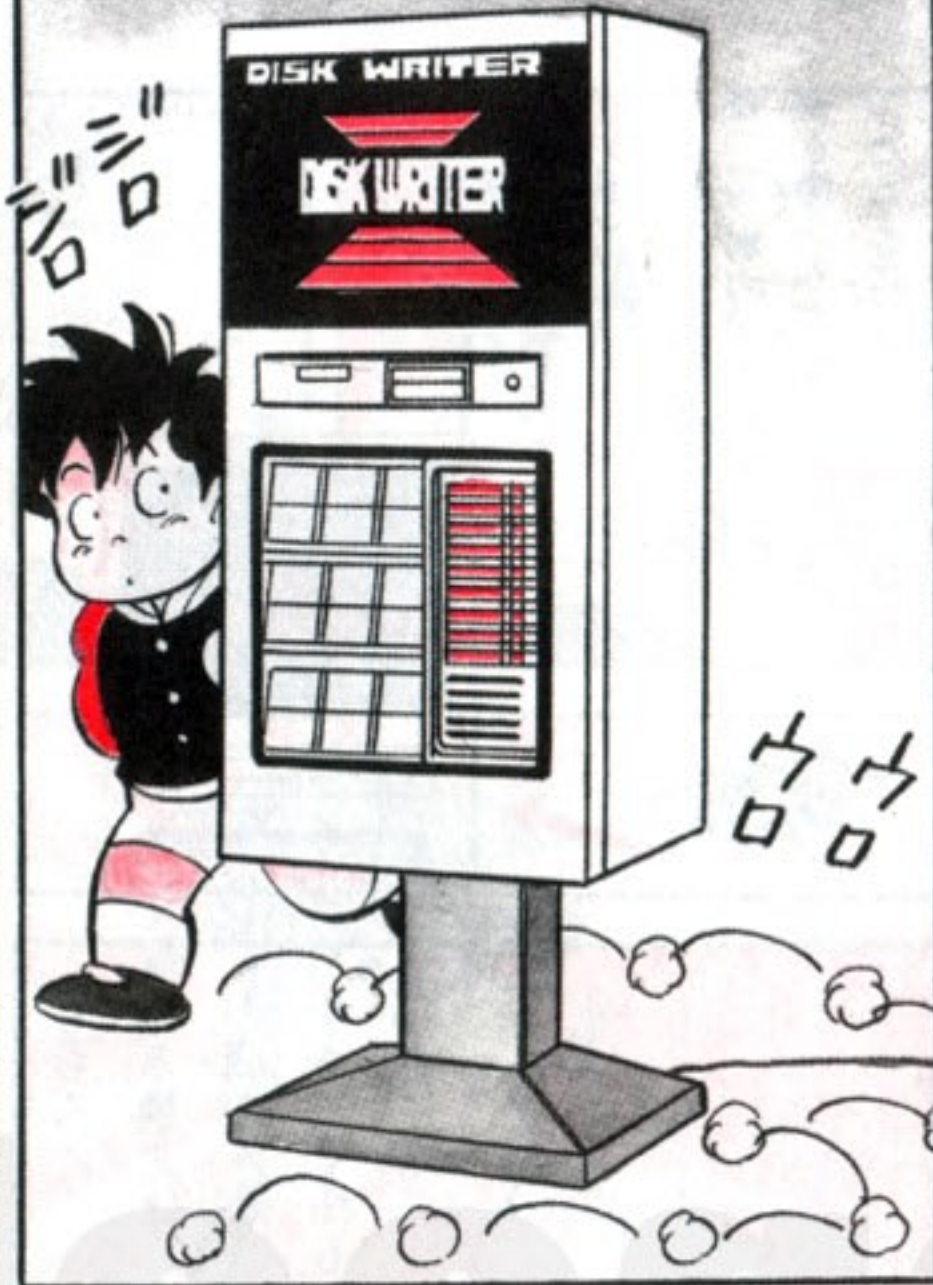
漫画：野崎 泰

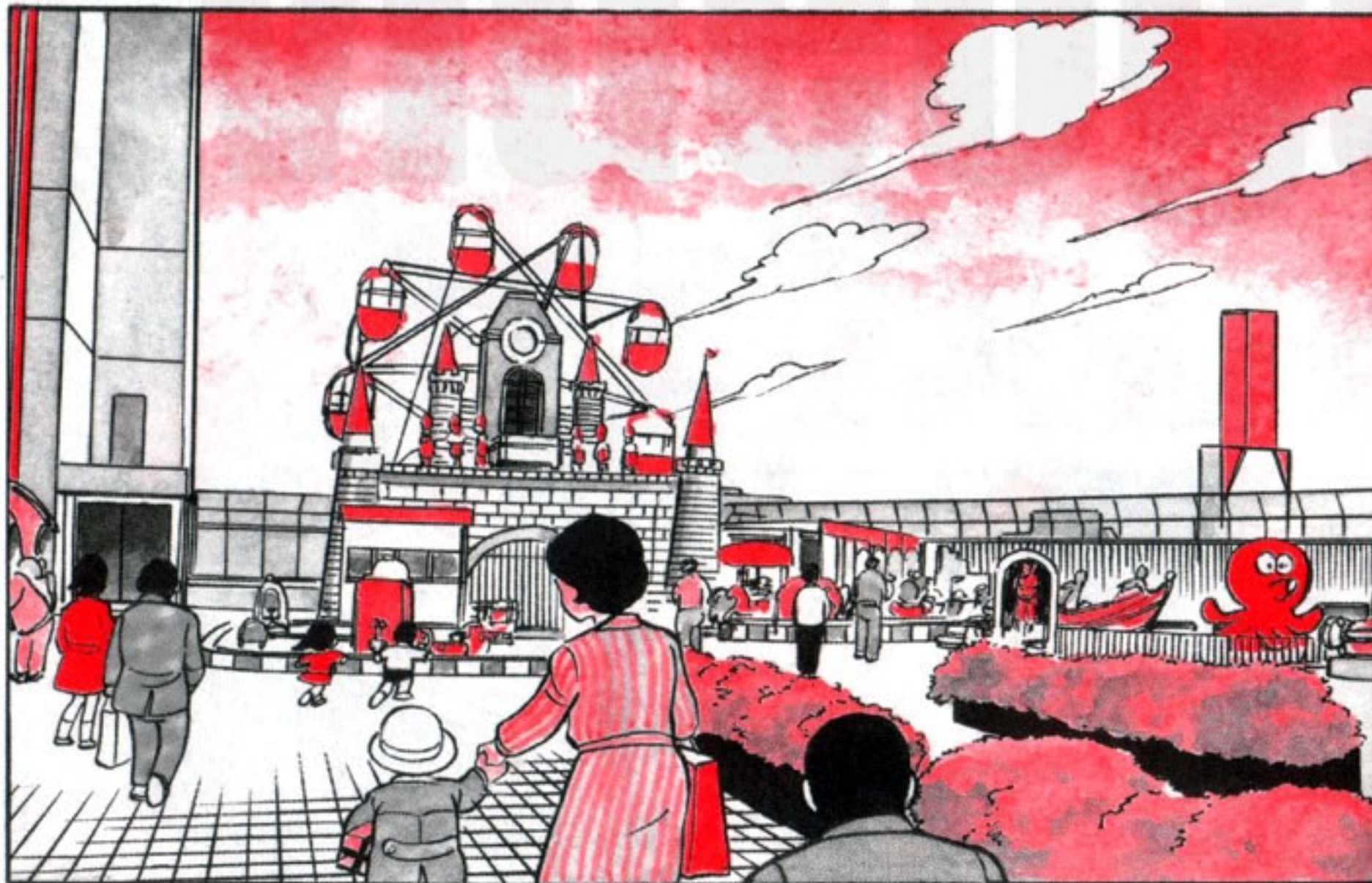
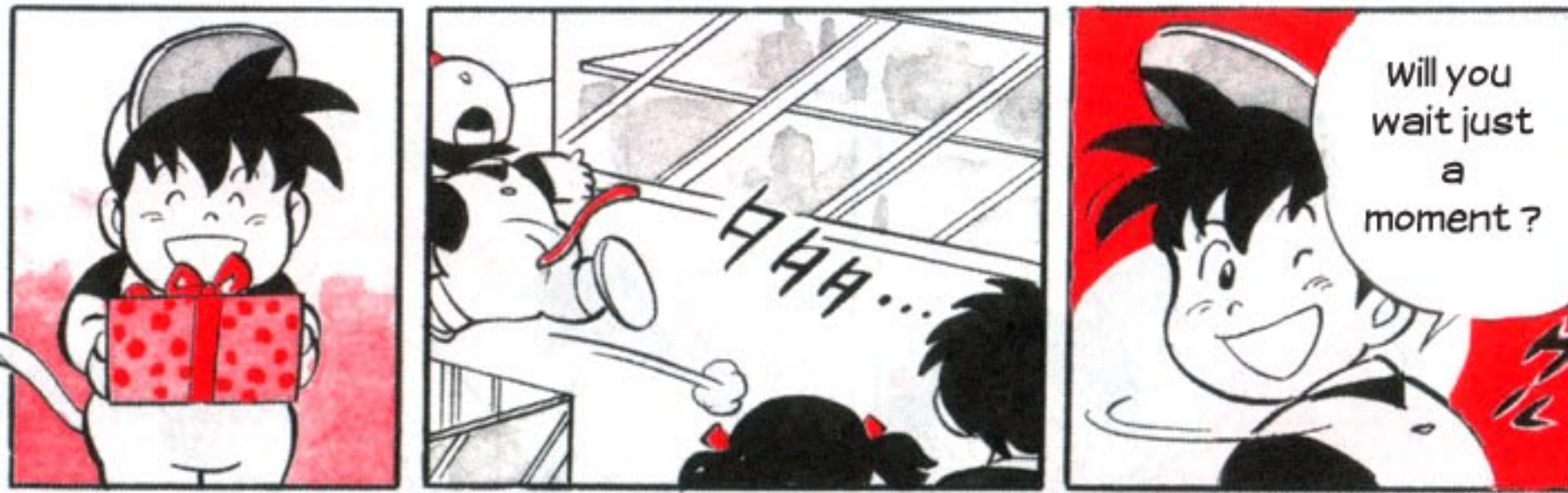
編集：PA 株式会社 漫画社

©1985 Nintendo・野崎 泰

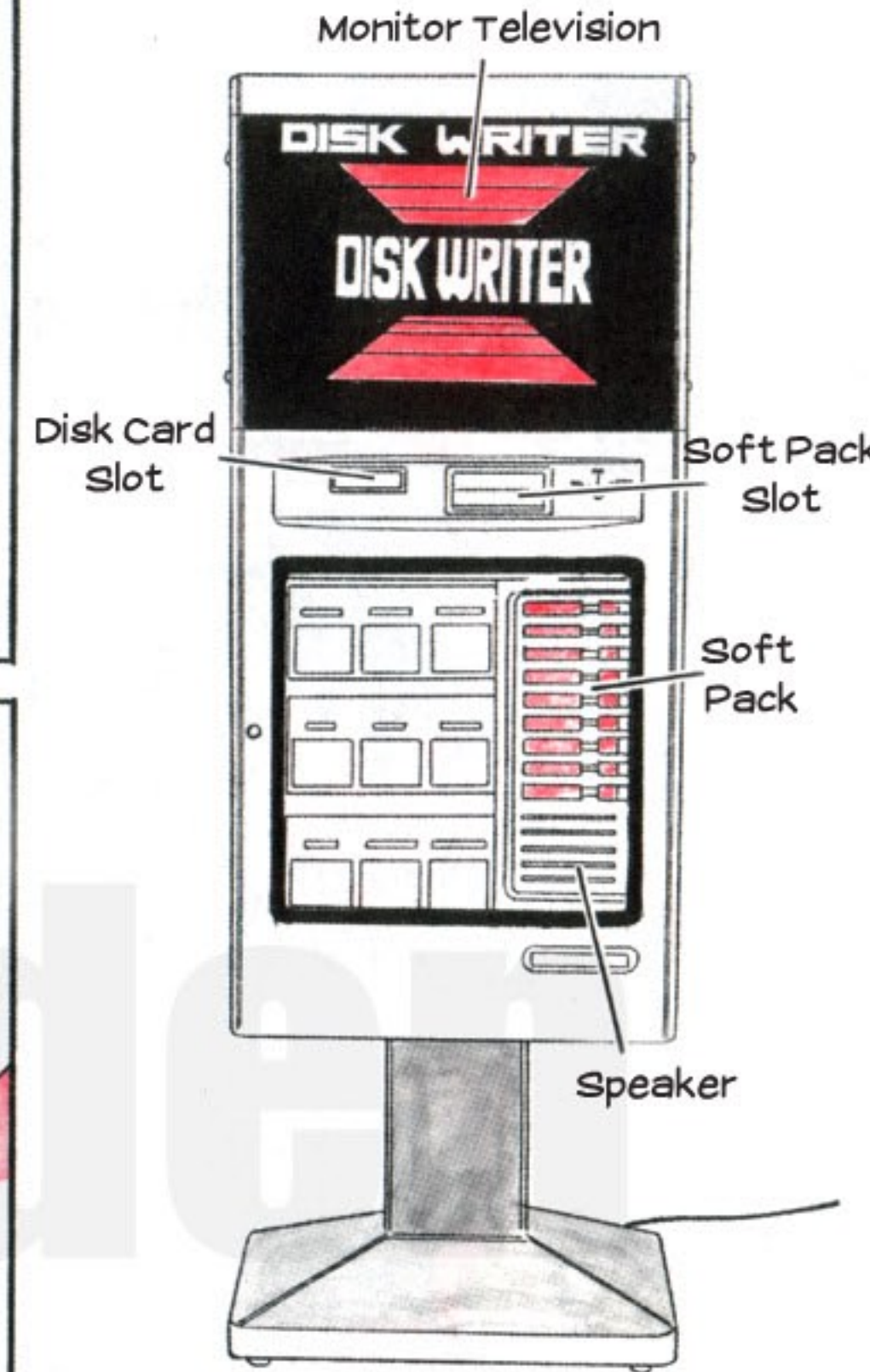
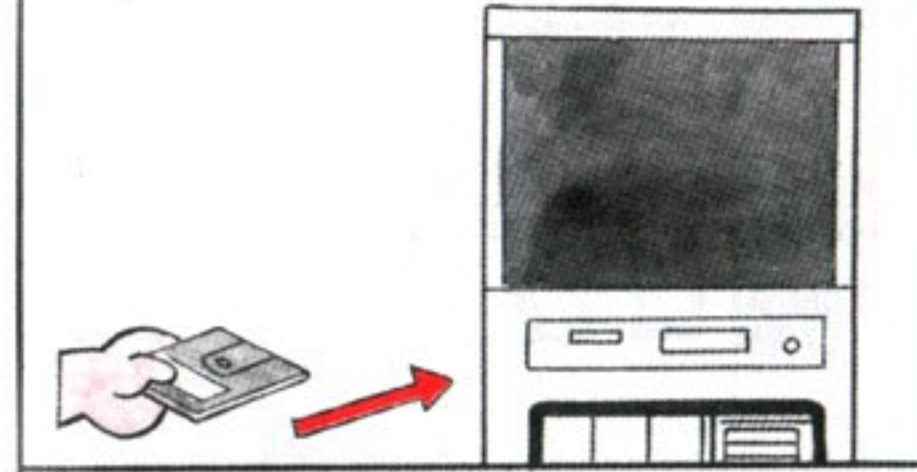
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So, if you bring your Disc Card back to the store, you can copy another game using the Disk Writer

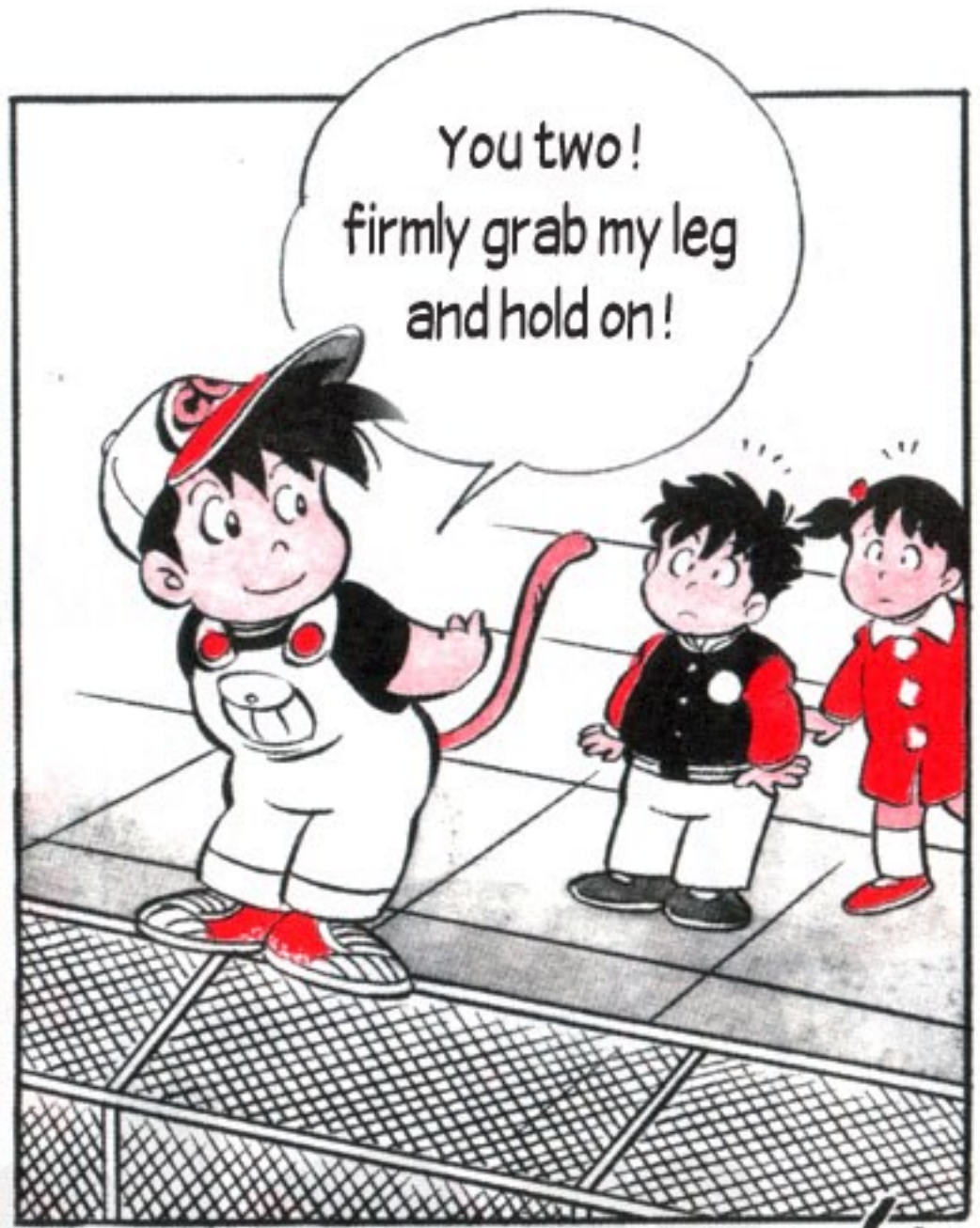
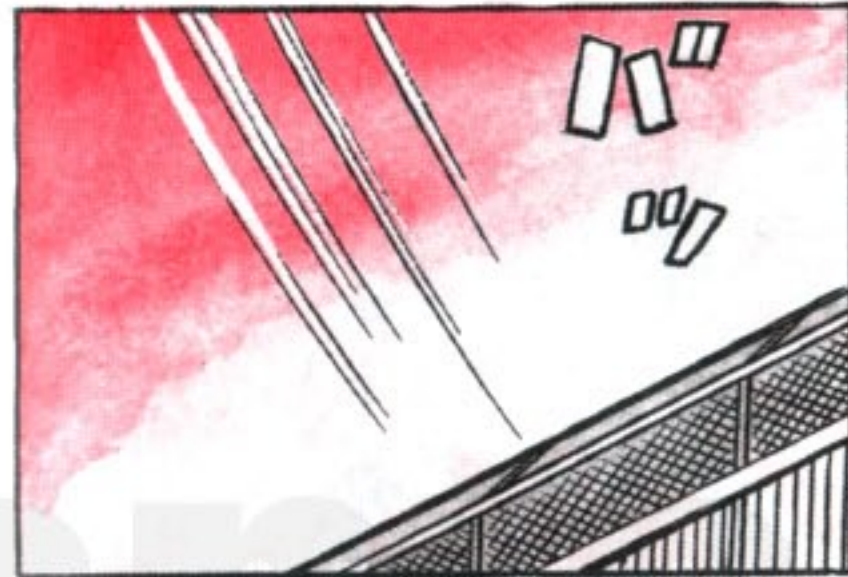




Woowww!
This is great!



??



You two!
firmly grab my leg
and hold on!



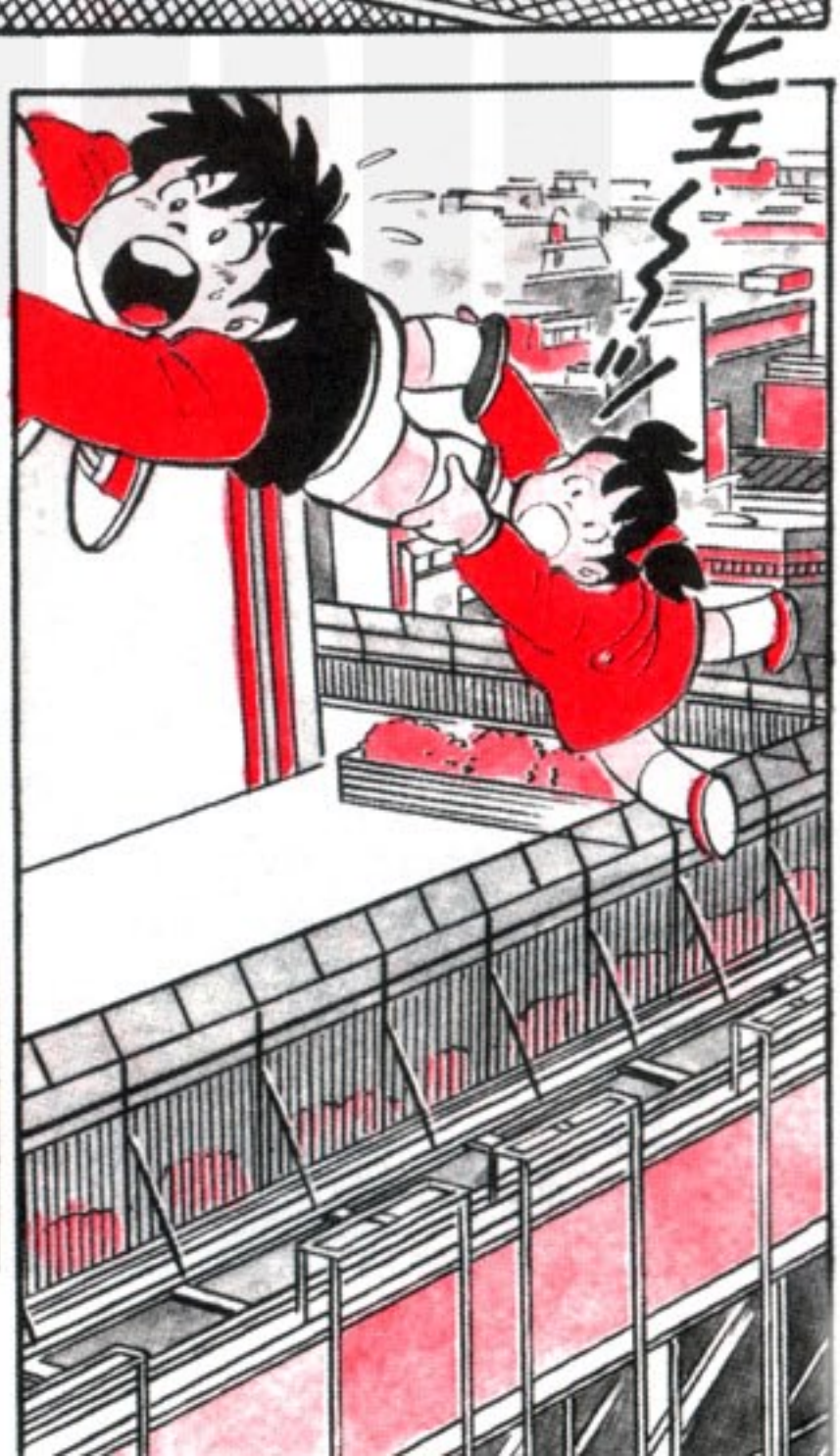
Konki Chiii!



I'm
scaaaared!

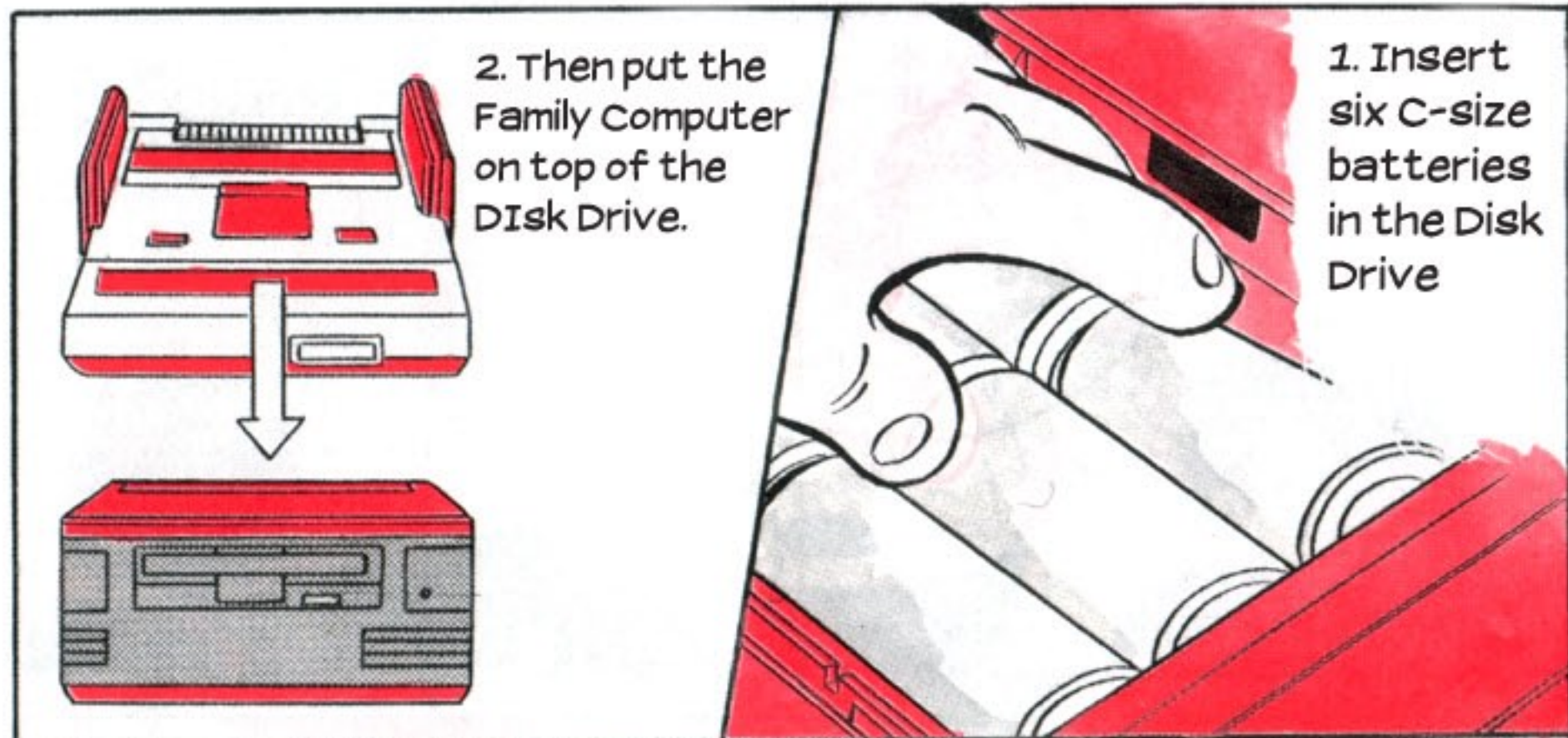


Relax and
look down!



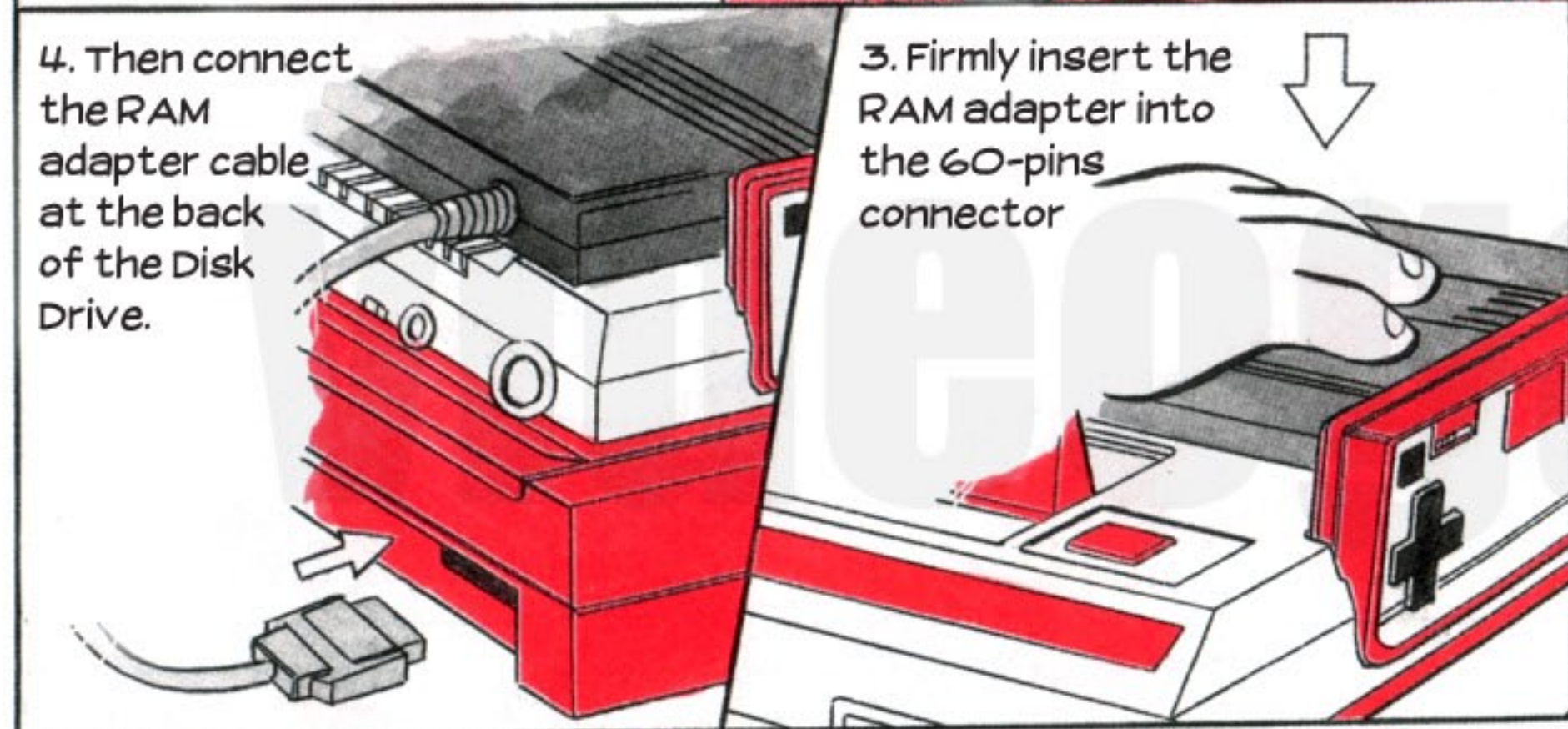
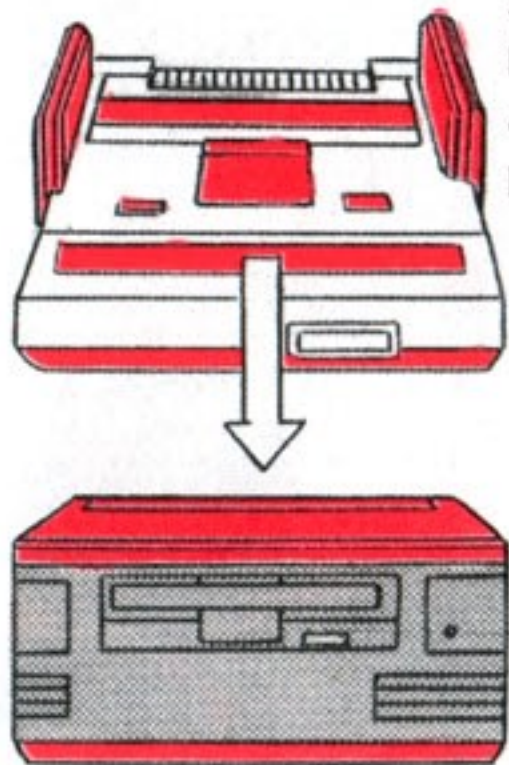
A!!

A!!



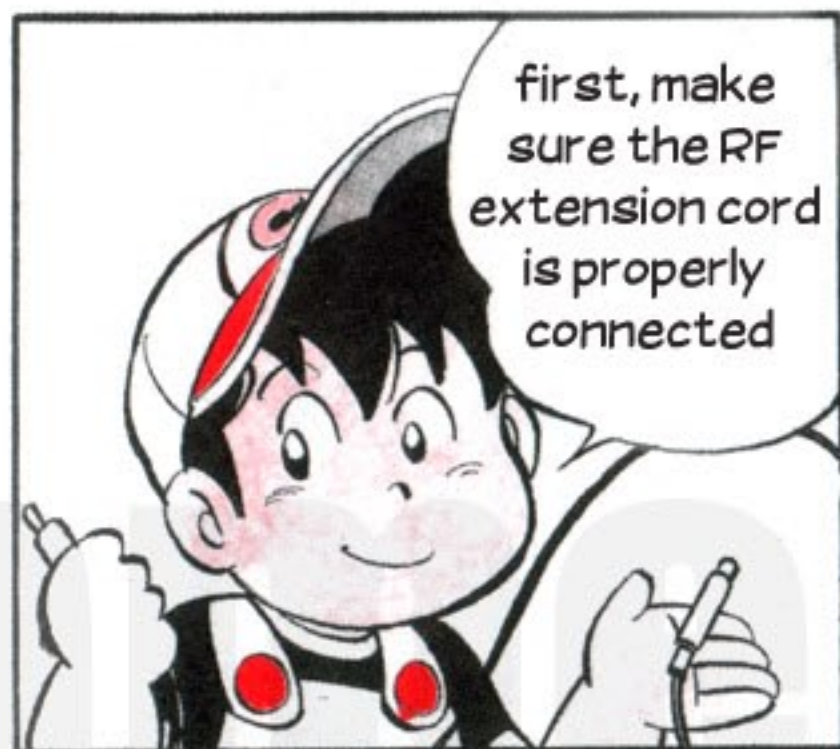
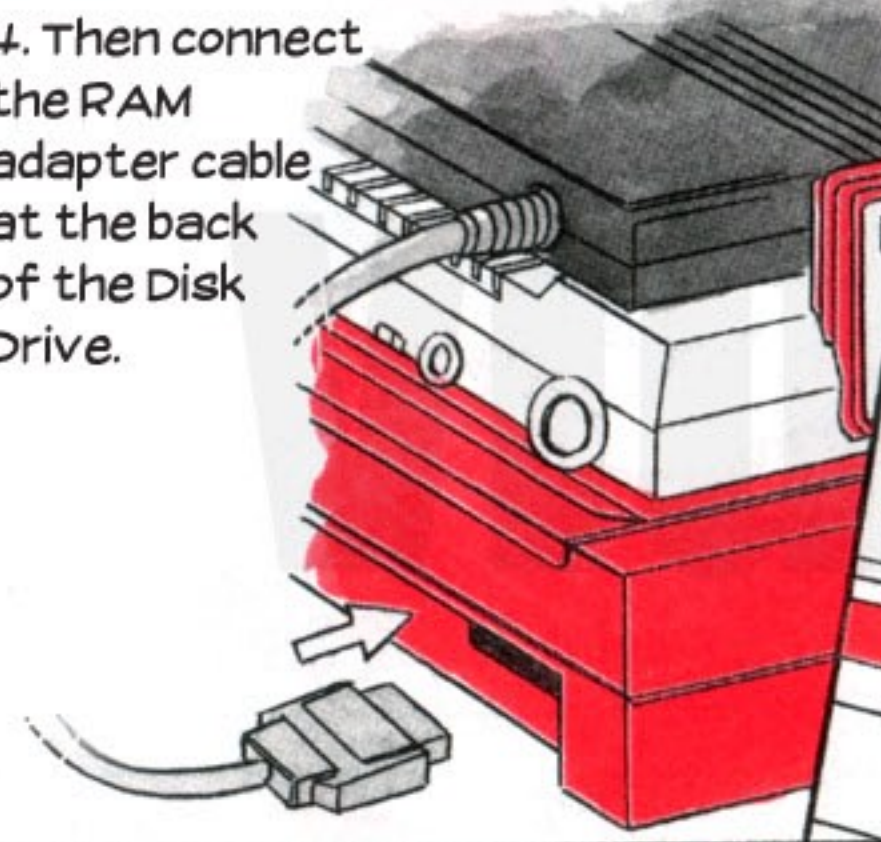
1. Insert six C-size batteries in the Disk Drive

2. Then put the Family Computer on top of the Disk Drive.

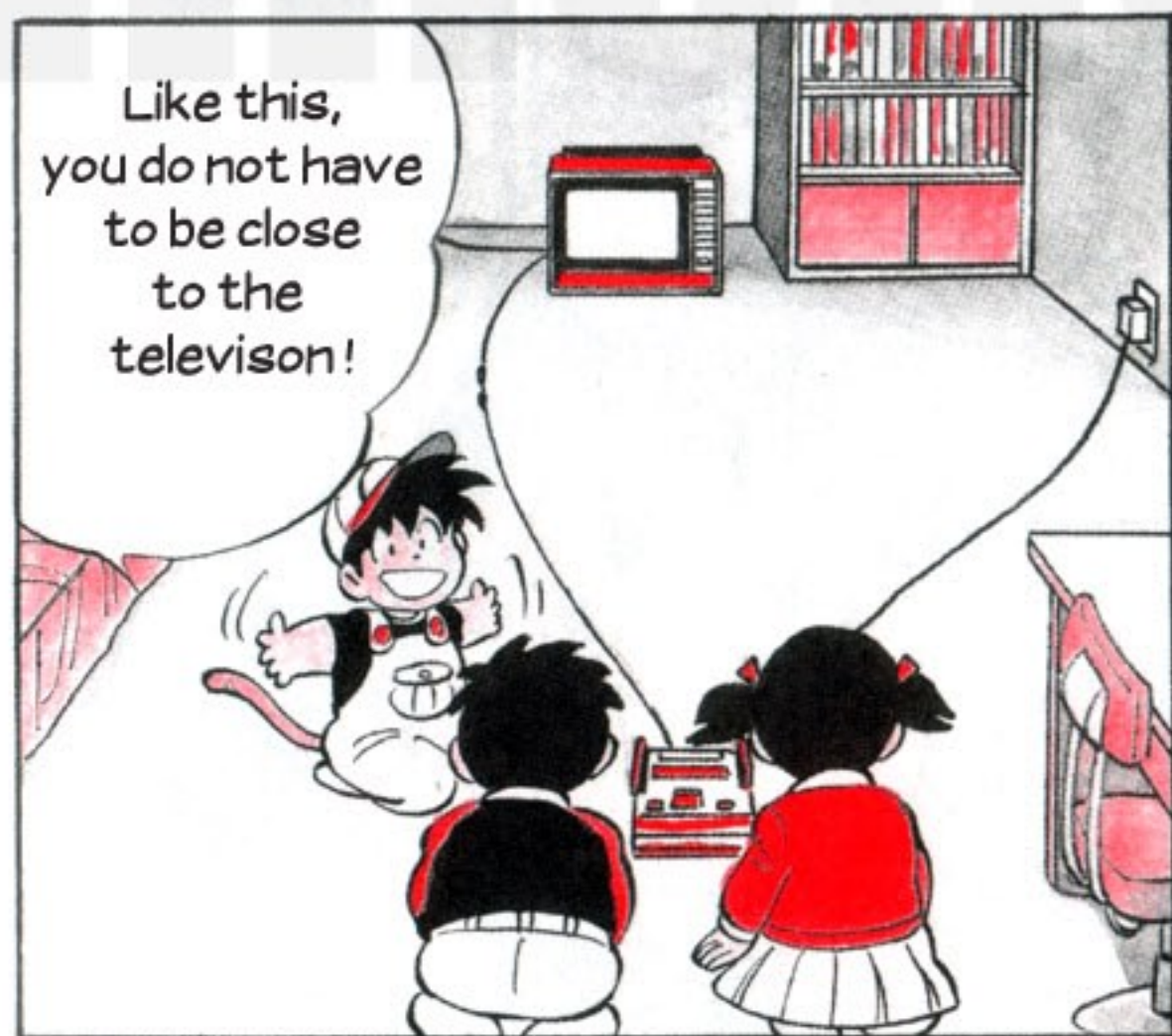
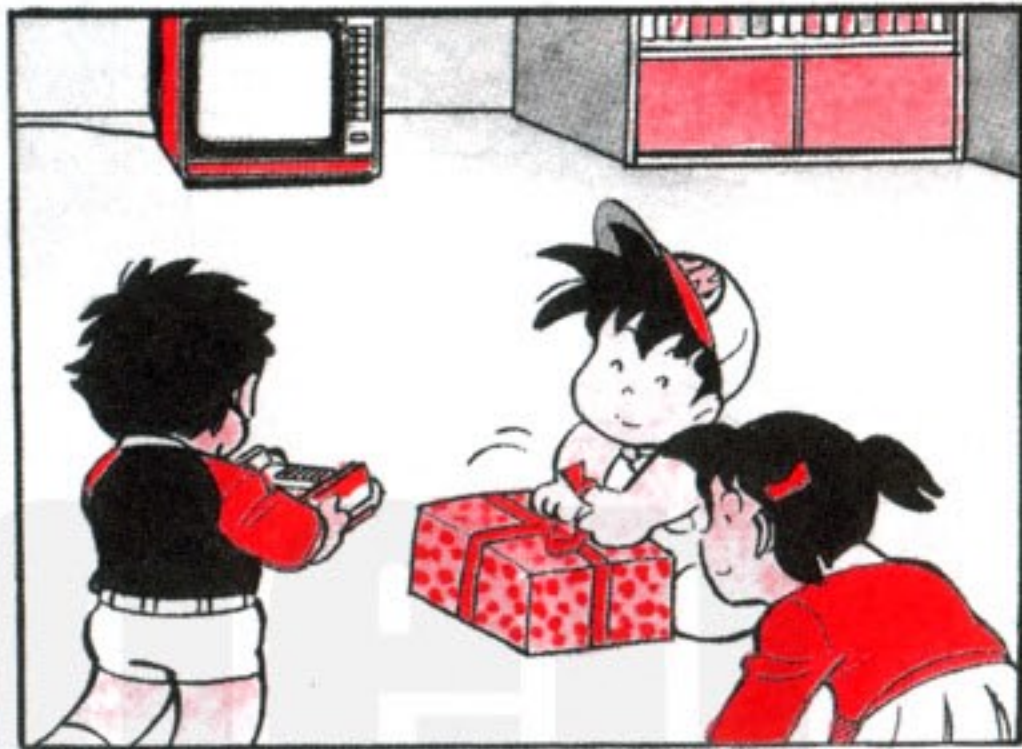


3. Firmly insert the RAM adapter into the 60-pins connector

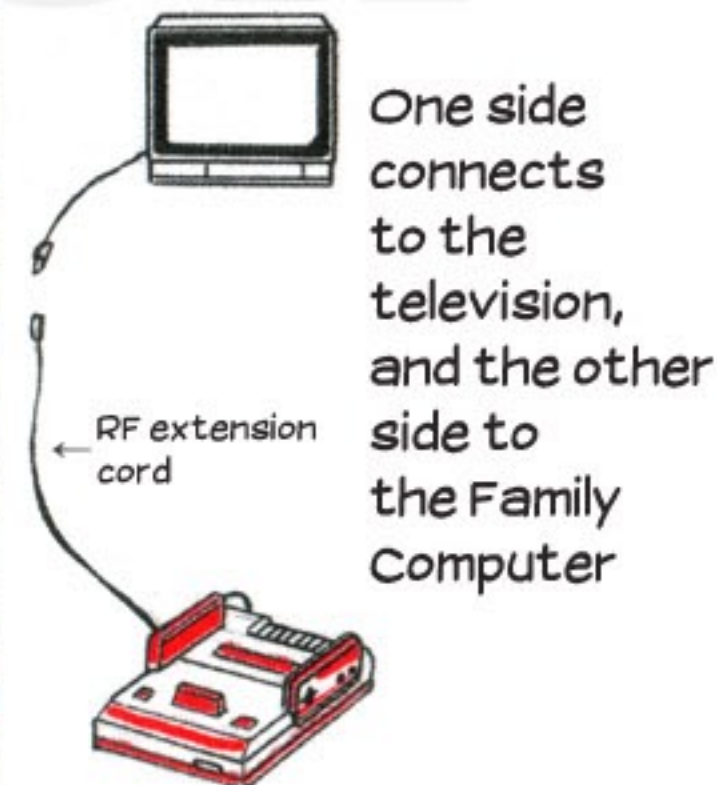
4. Then connect the RAM adapter cable at the back of the Disk Drive.



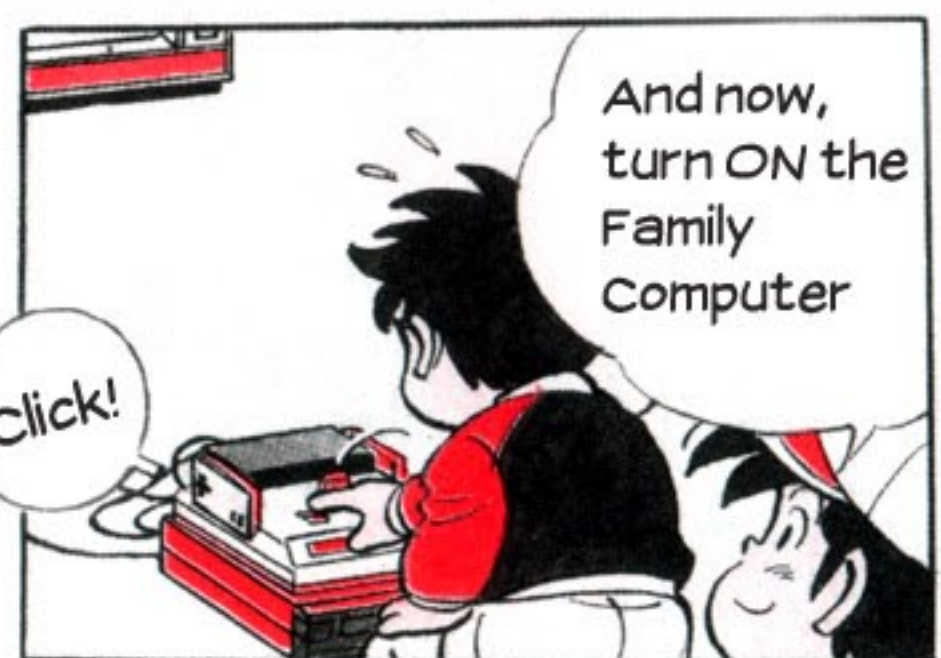
first, make sure the RF extension cord is properly connected



Like this, you do not have to be close to the television!

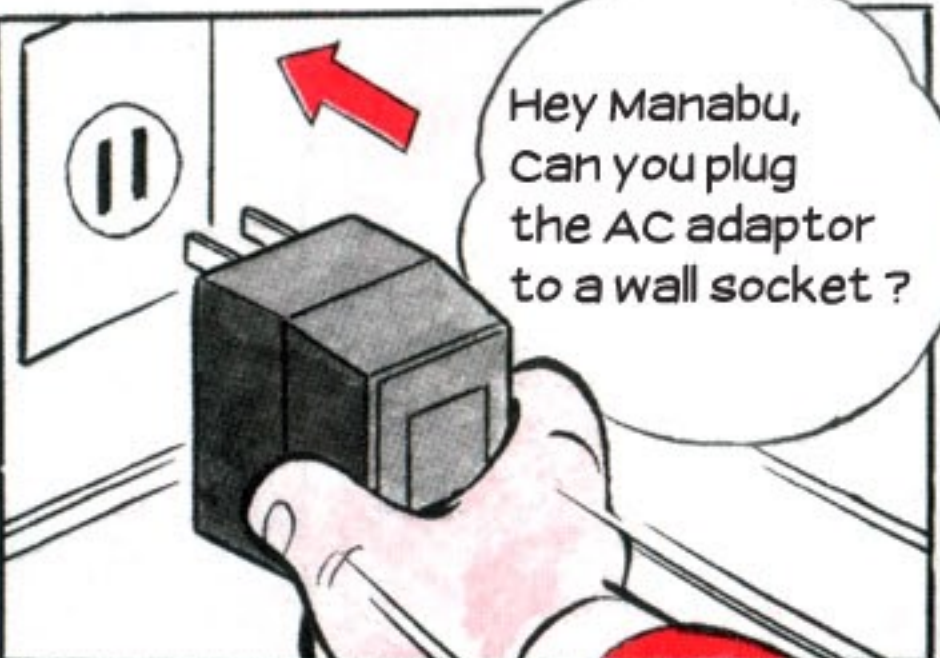


One side connects to the television, and the other side to the Family Computer

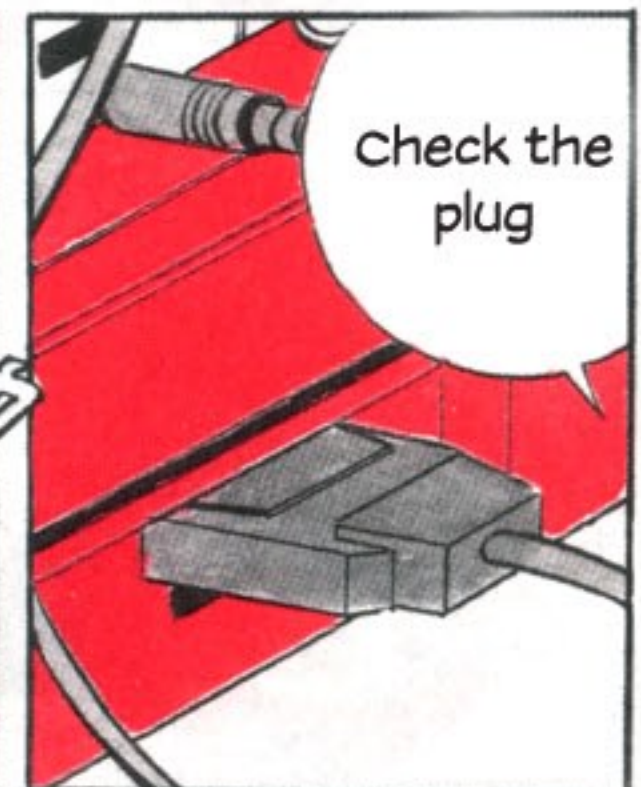
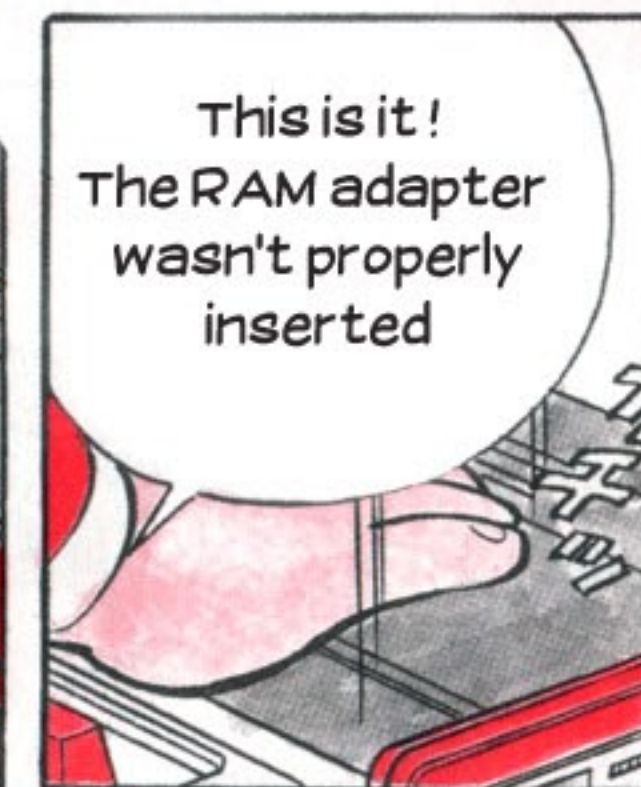
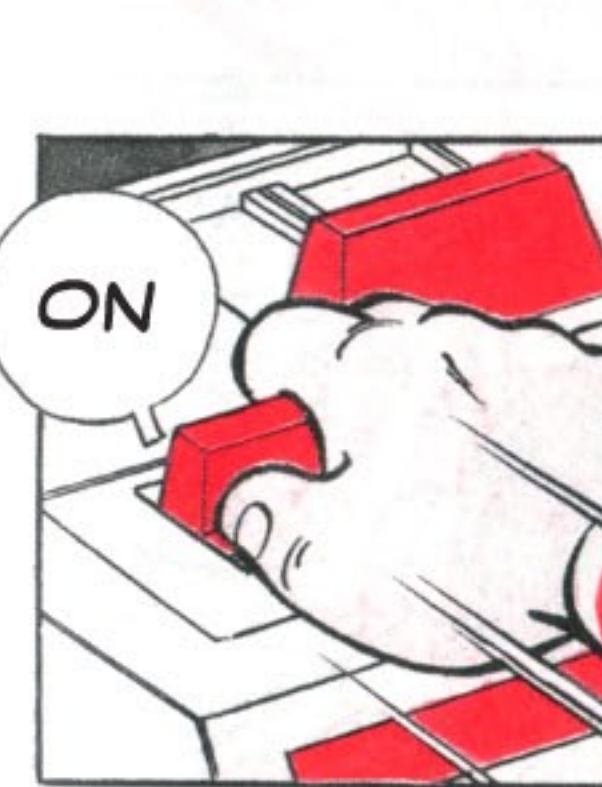
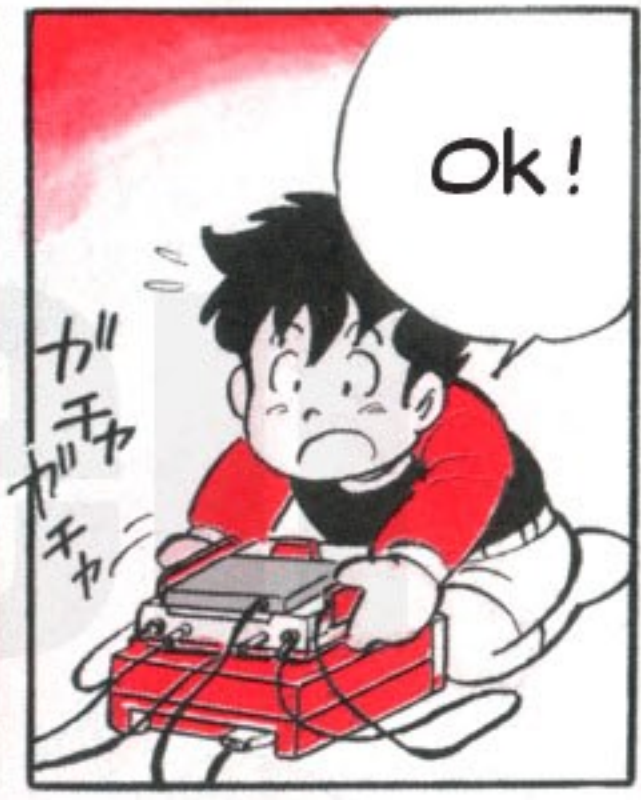
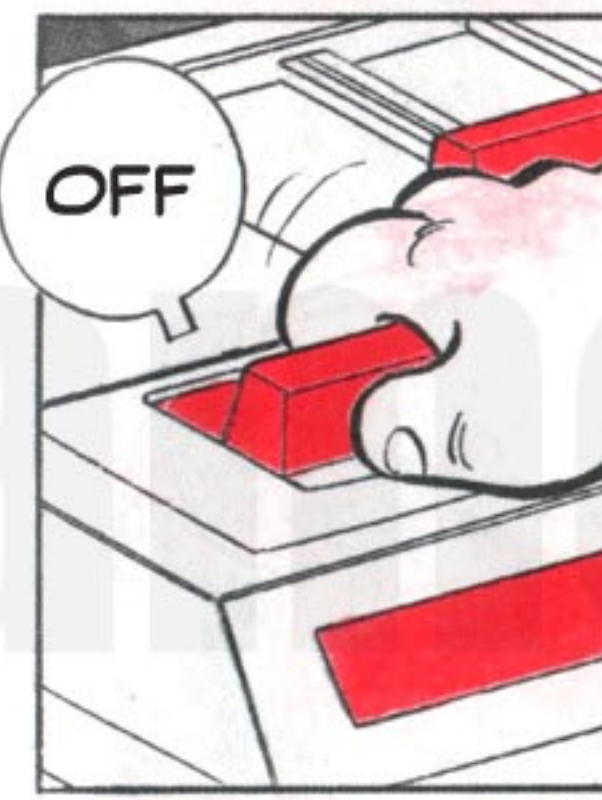
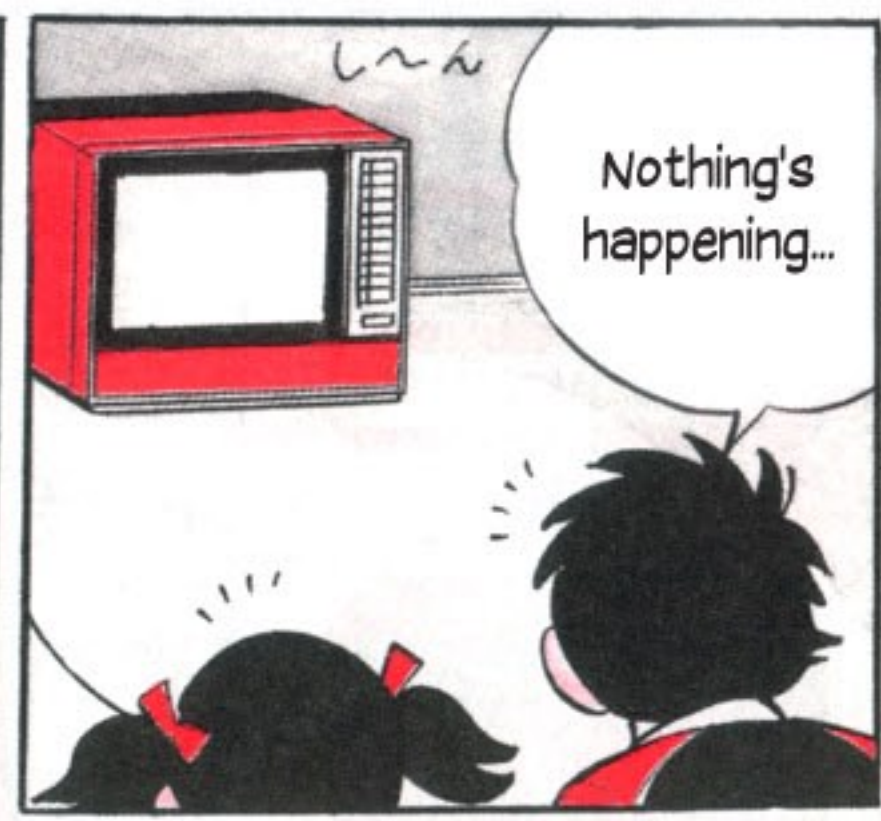
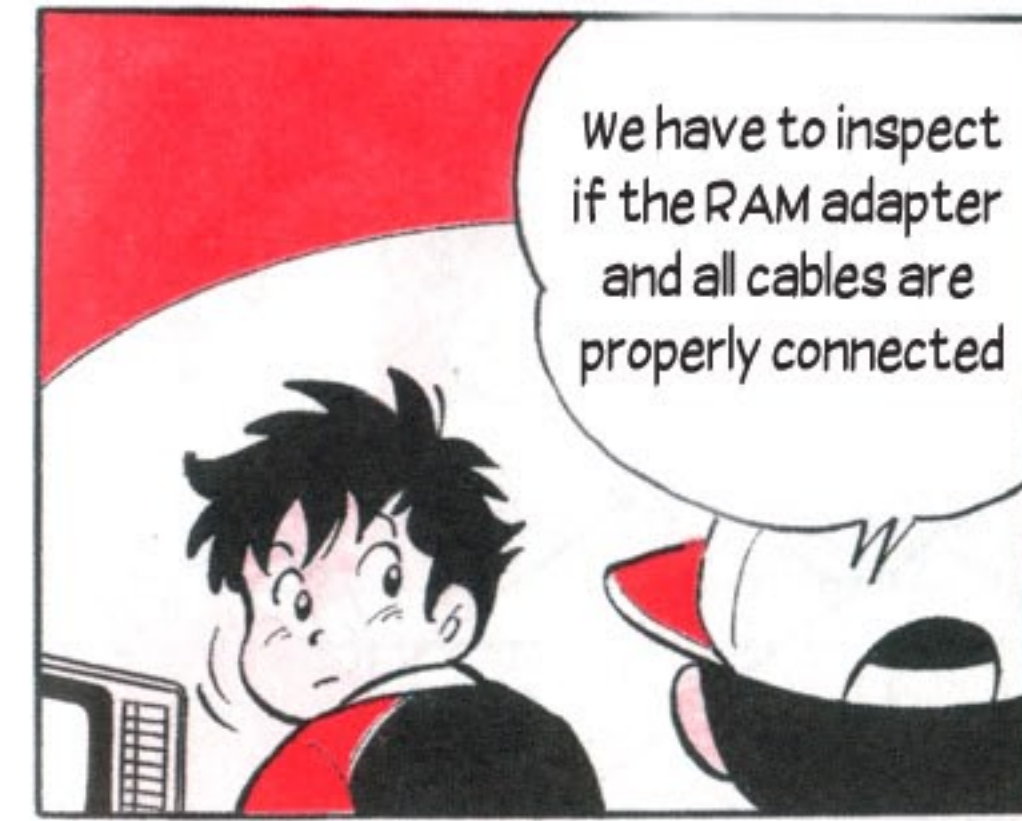
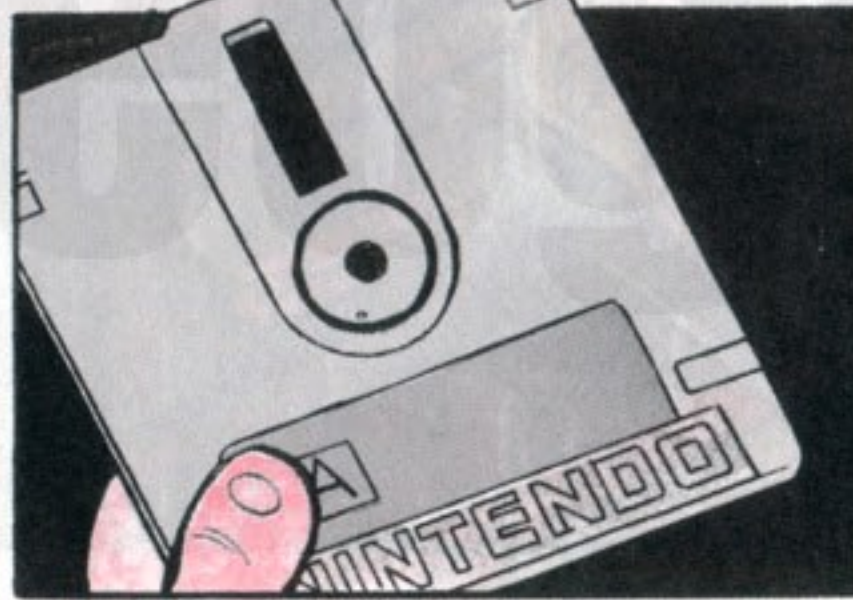


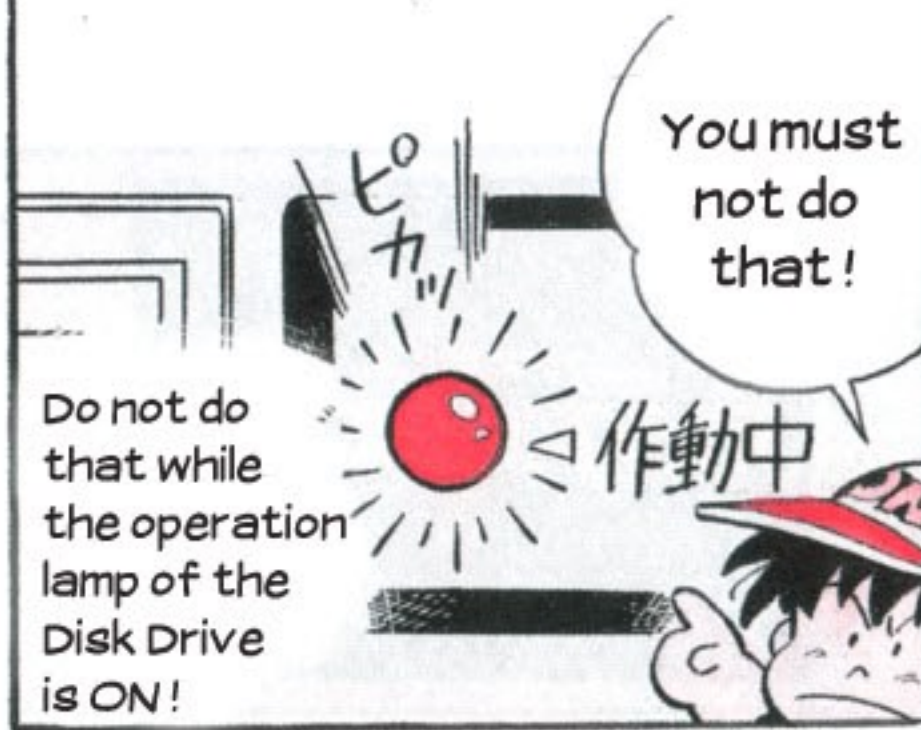
And now, turn ON the Family Computer

Click!



Hey Manabu, Can you plug the AC adaptor to a wall socket?

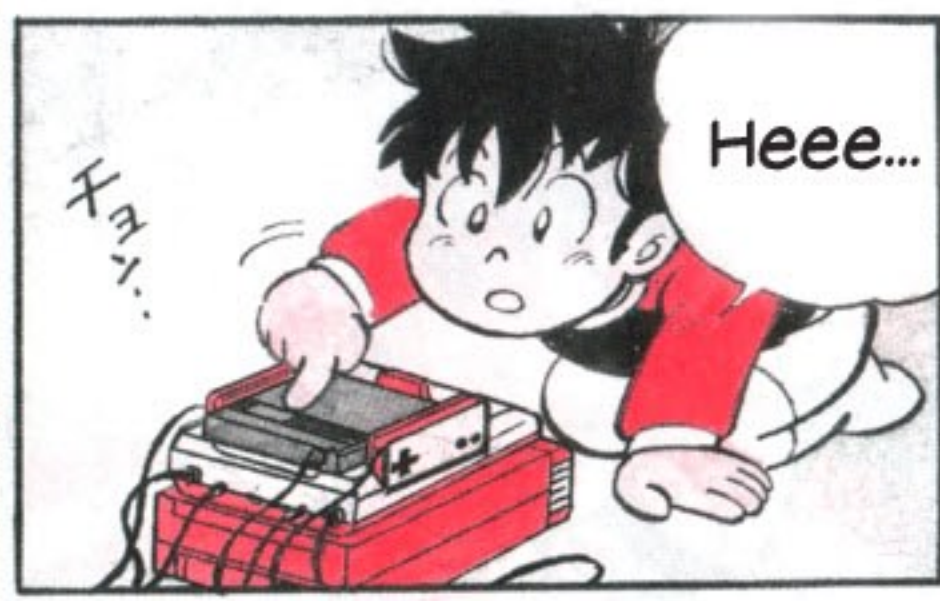




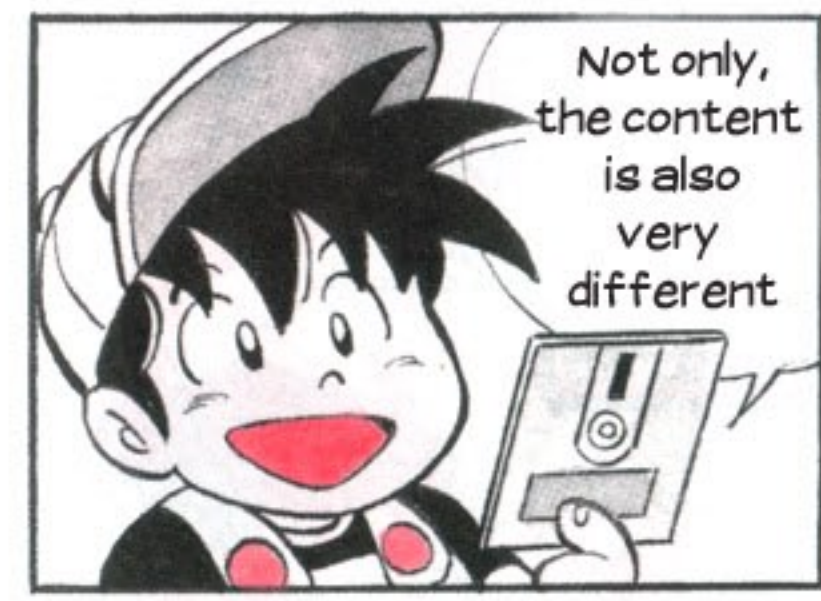
You must not do that!

Do not do that while the operation lamp of the Disk Drive is ON!

作動中



Heeee...



Not only, the content is also very different



Is the shape the only difference with a cartridge?

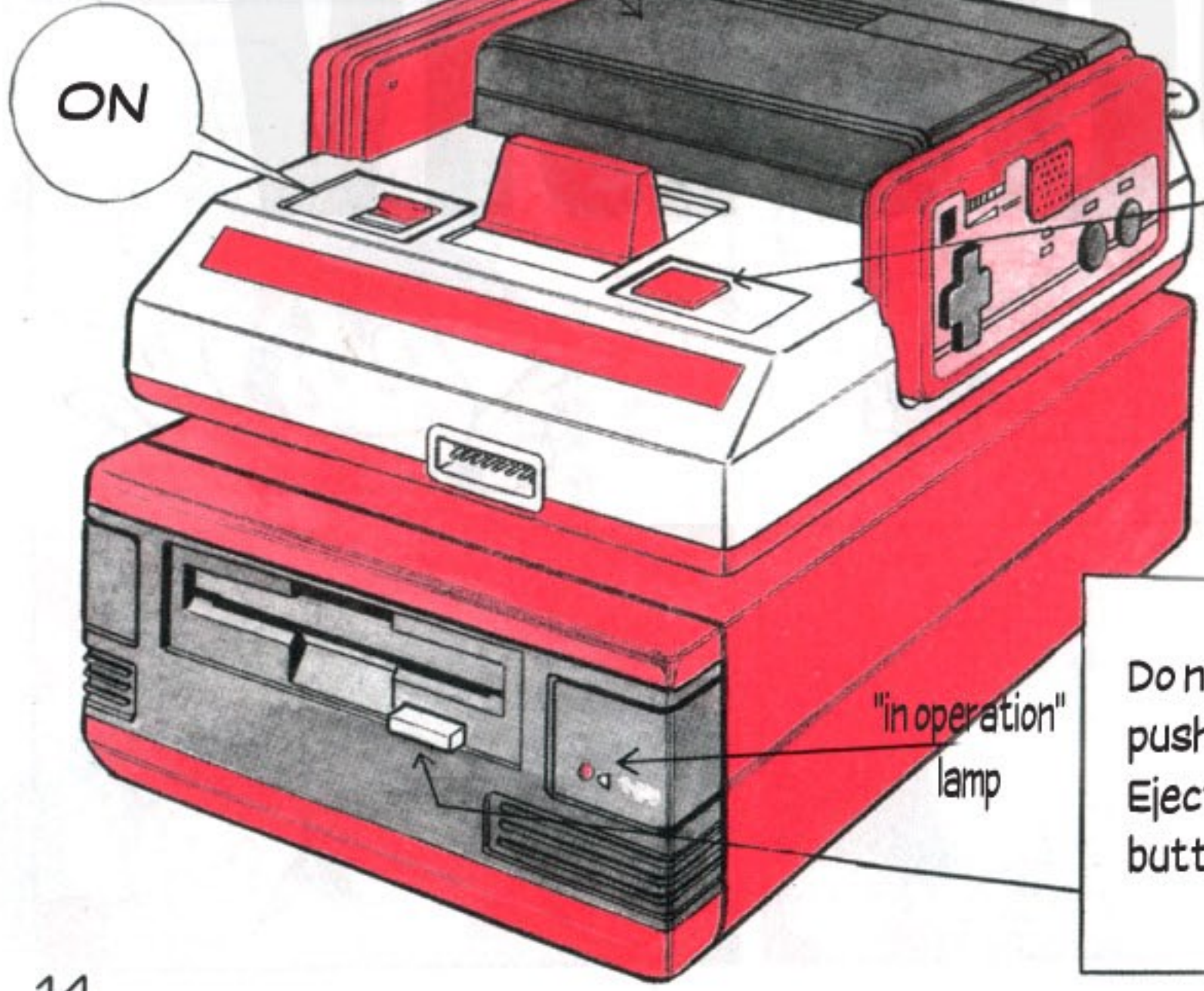
Do not turn Off the Family Computer's power switch

Do not touch the RAM adapter

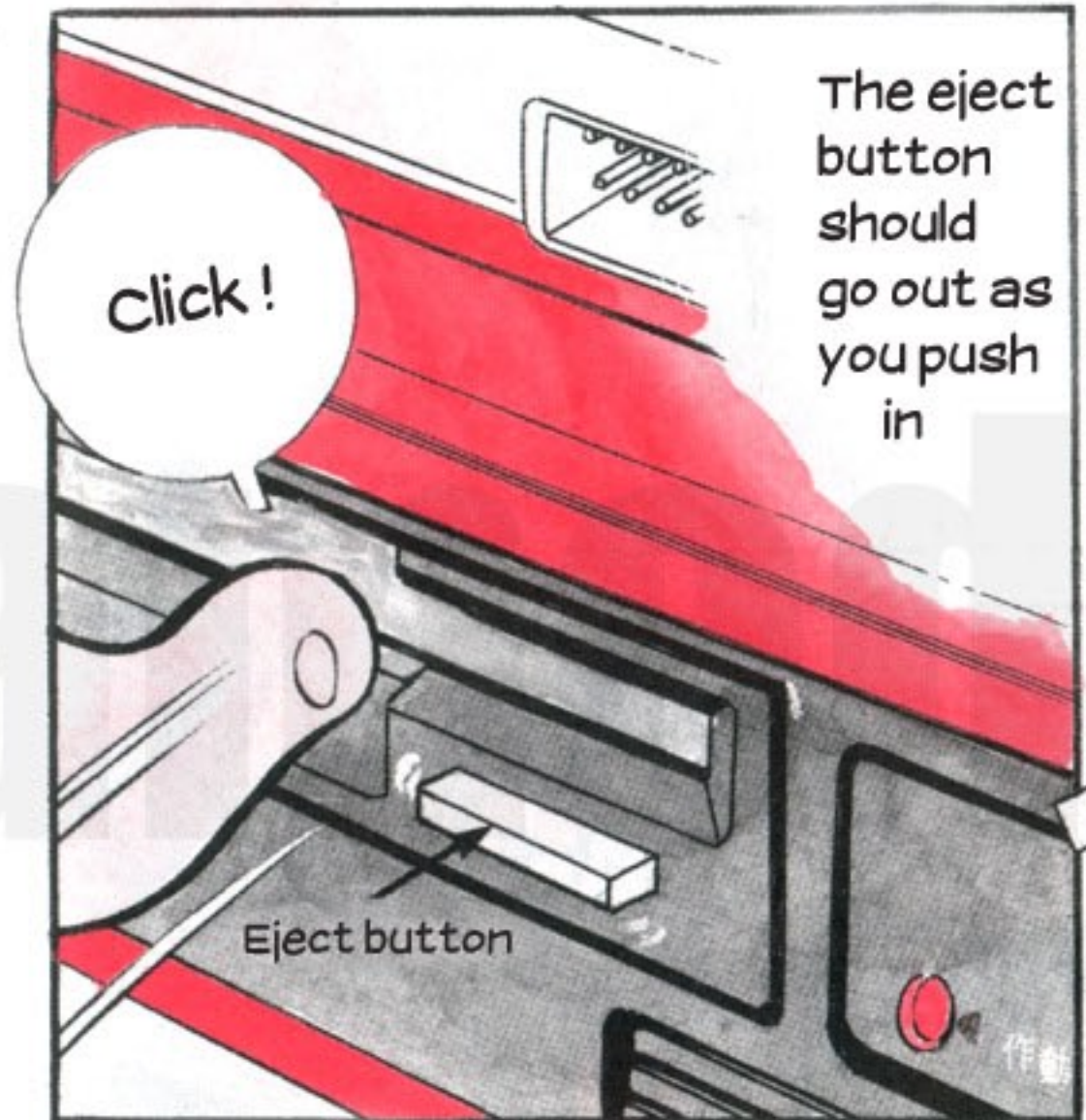
If you break any of these rules, the game on the Disk Card may be accidentally erased!



Do not push the Family Computer's RESET button



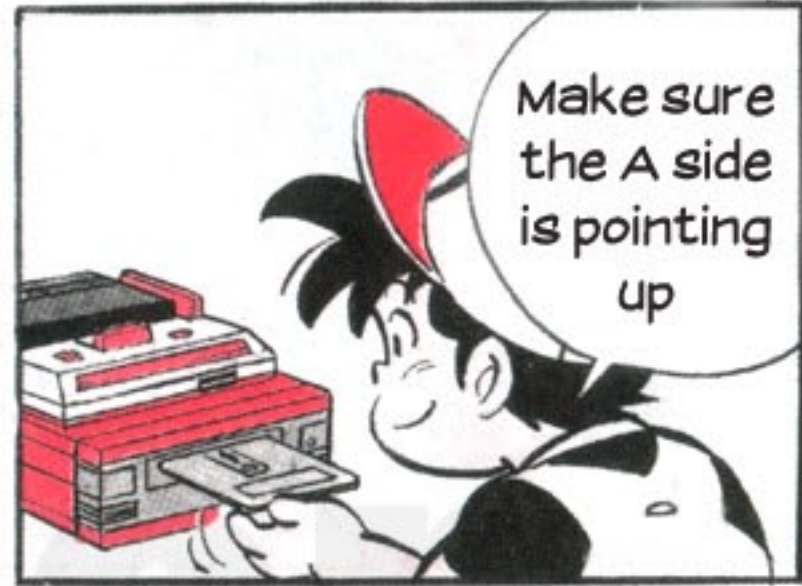
Do not push the Eject button



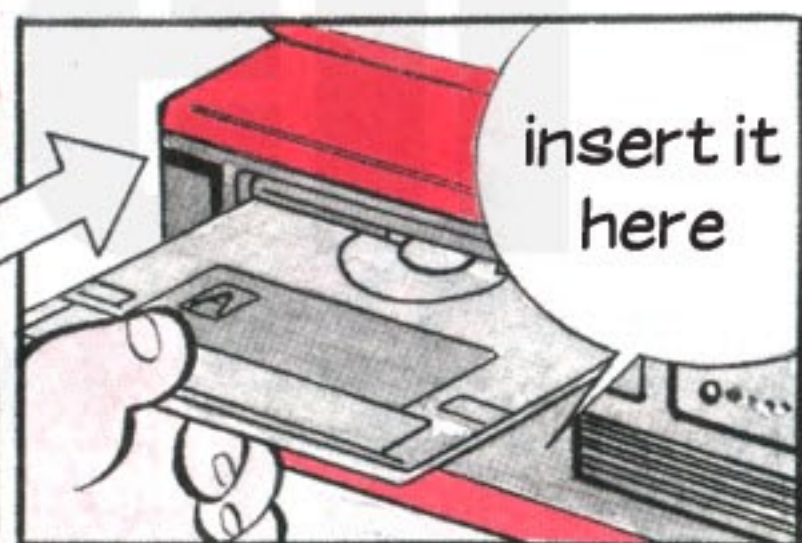
click!

Eject button

The eject button should go out as you push in



Make sure the A side is pointing up

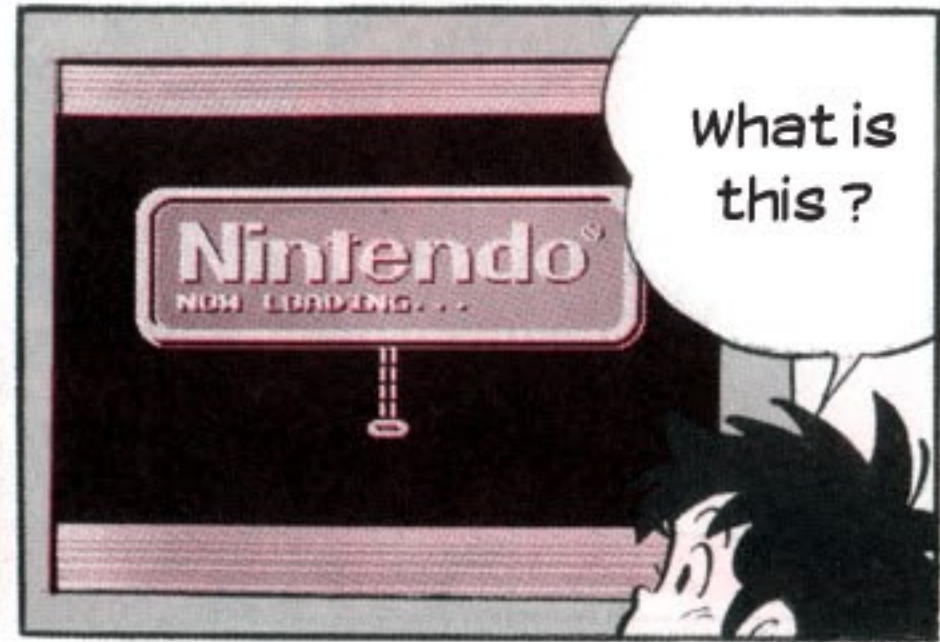


insert it here

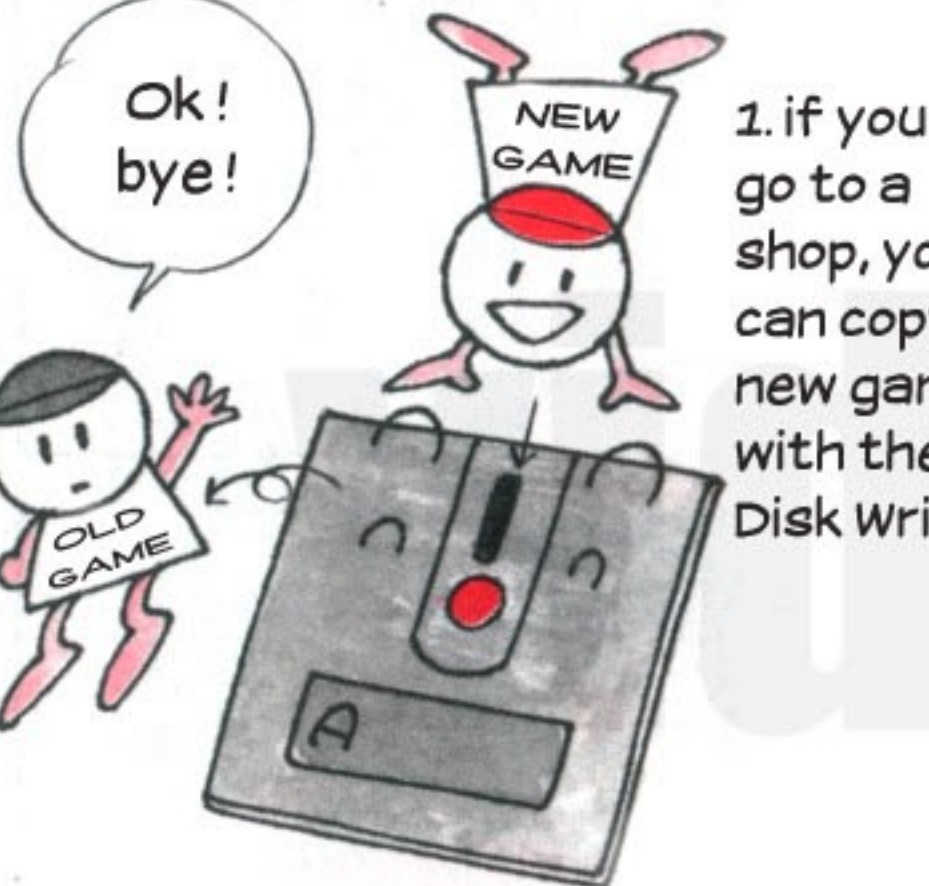


The game is read from the Disk Card and sent to the RAM adapter

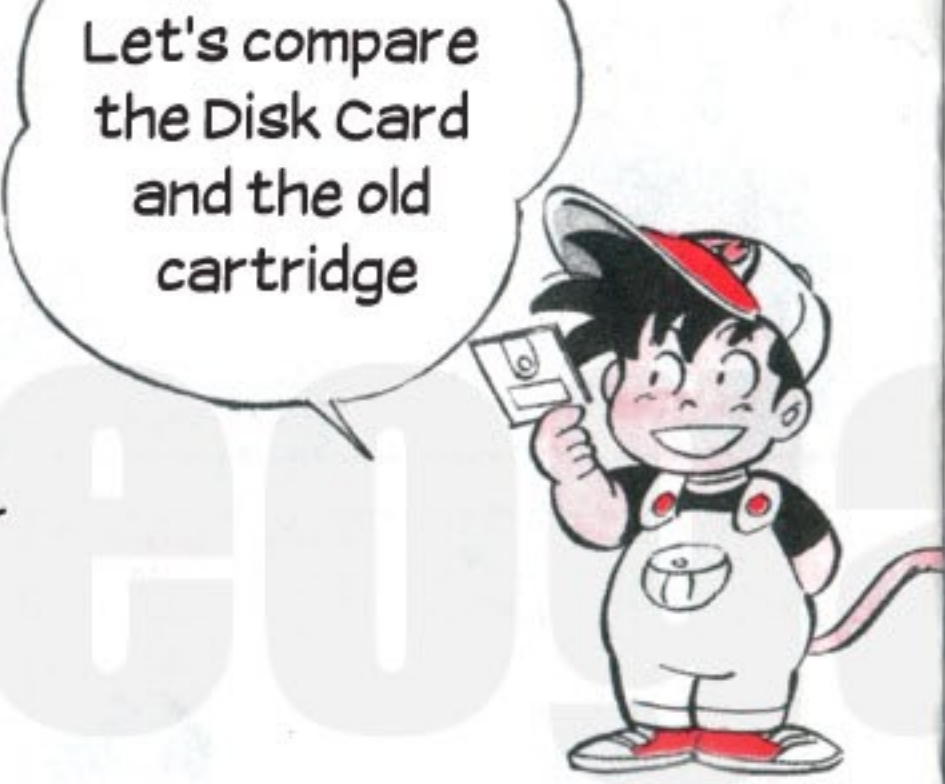
And now, it is very fast and shouldn't take long



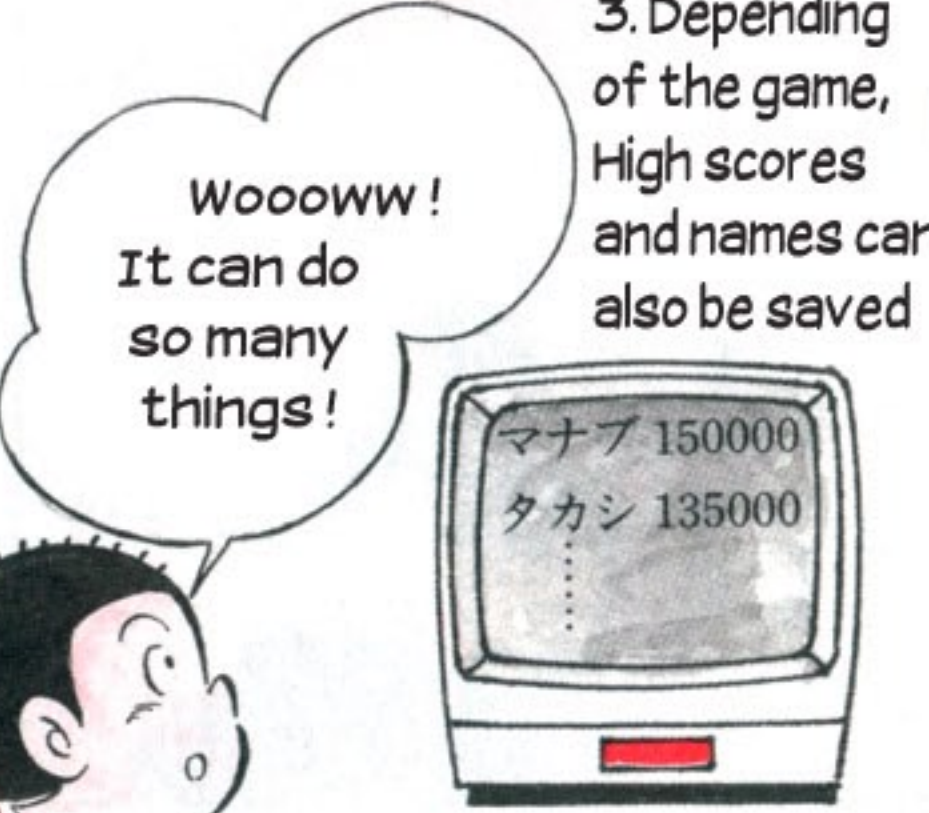
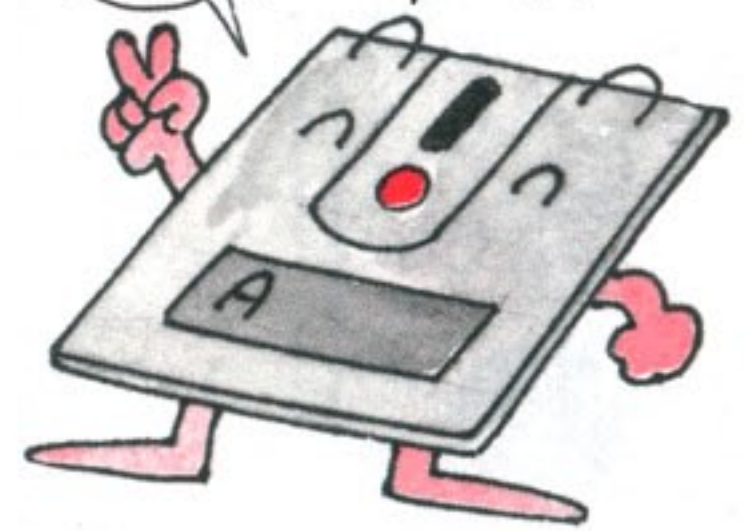
What is this?



1. if you go to a shop, you can copy a new game with the Disk Writer



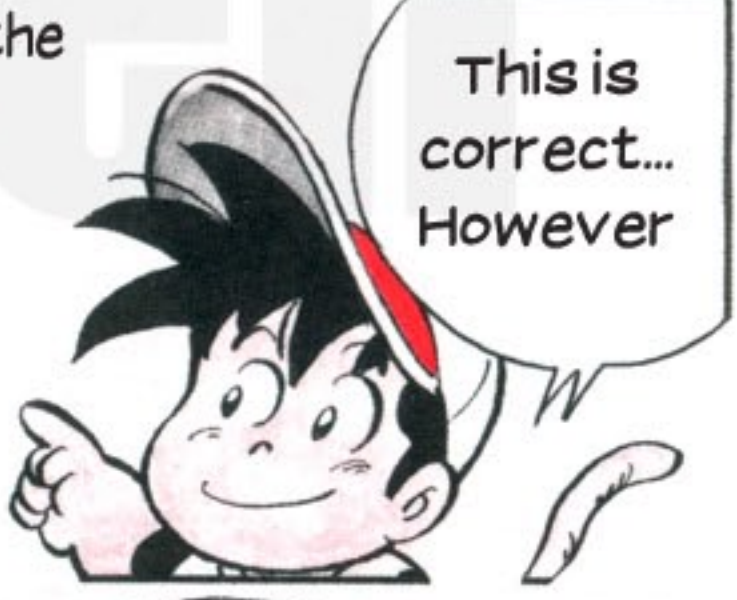
2. The memory capacity is bigger, so more complicated games are now possible



3. Depending of the game, High scores and names can also be saved



If you bring the Disk Card to a store with a Disk Writer





(ta-da!)

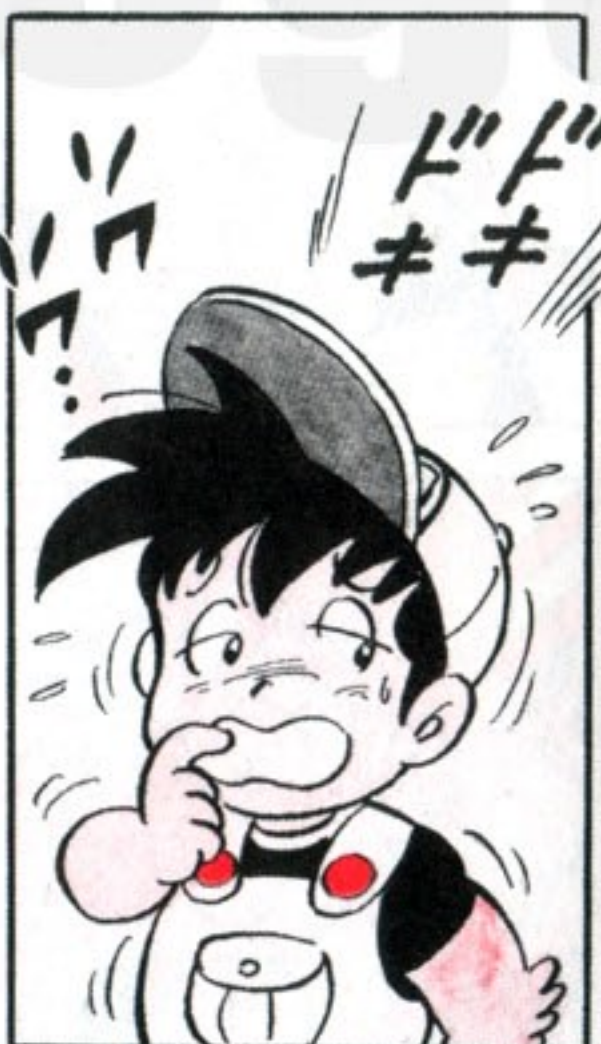
Sorry, maaaaay I come in?

Of course! Yes!



I am Konkichi's mother.

Thank you for looking after Konkichi!



(heart beat... heart beat...)



What shall we do to prevent someone to erase our record by mistake?

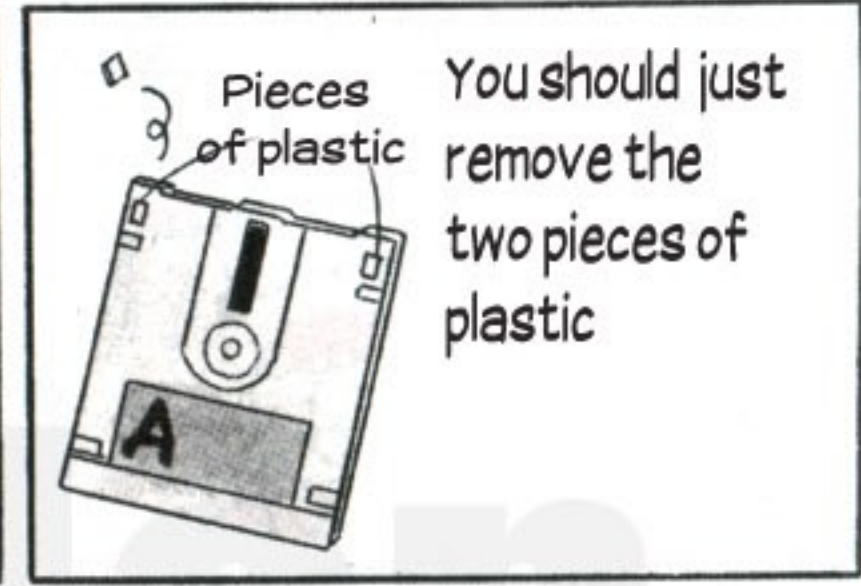


So, depending of the game, my name and highest score can be saved, right?



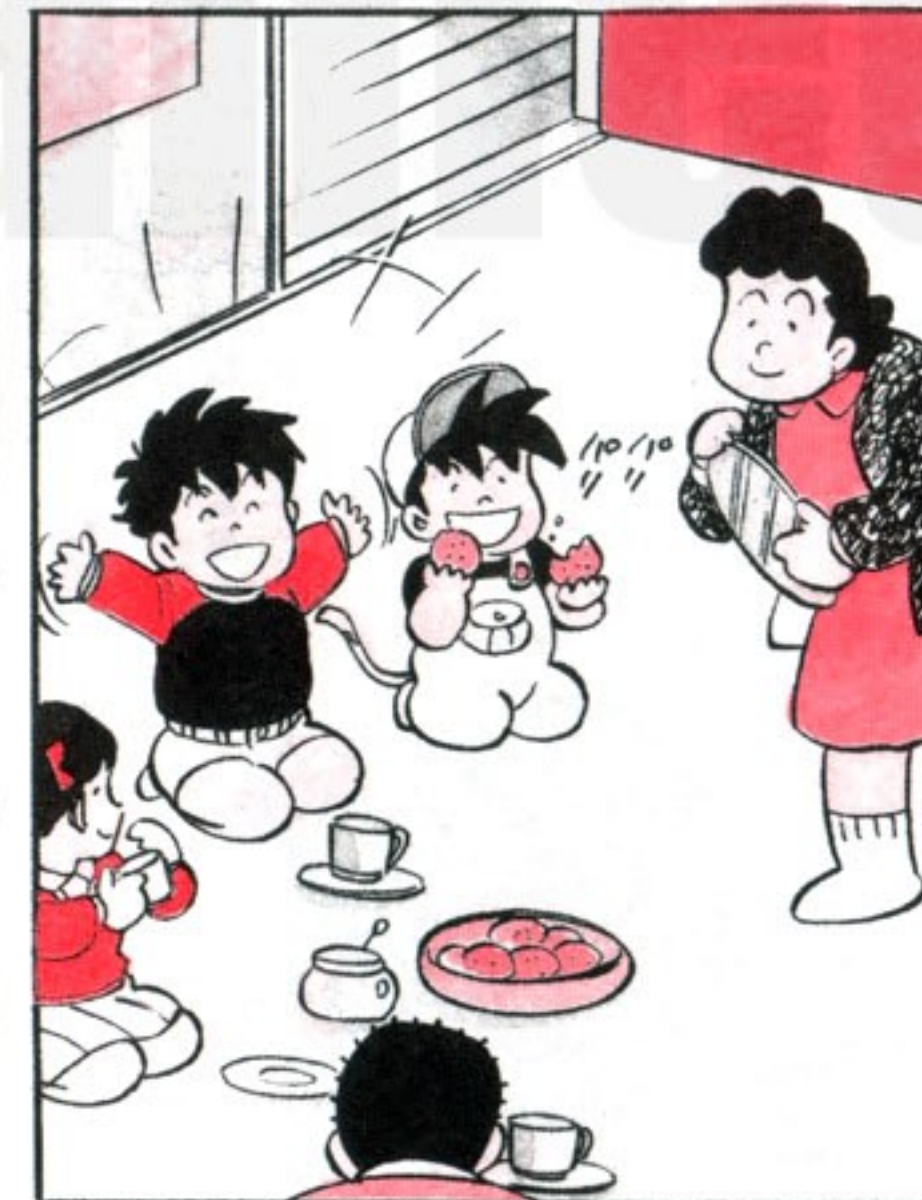
Ohhh yes! We did!

Did you get it?



Pieces of plastic

You should just remove the two pieces of plastic

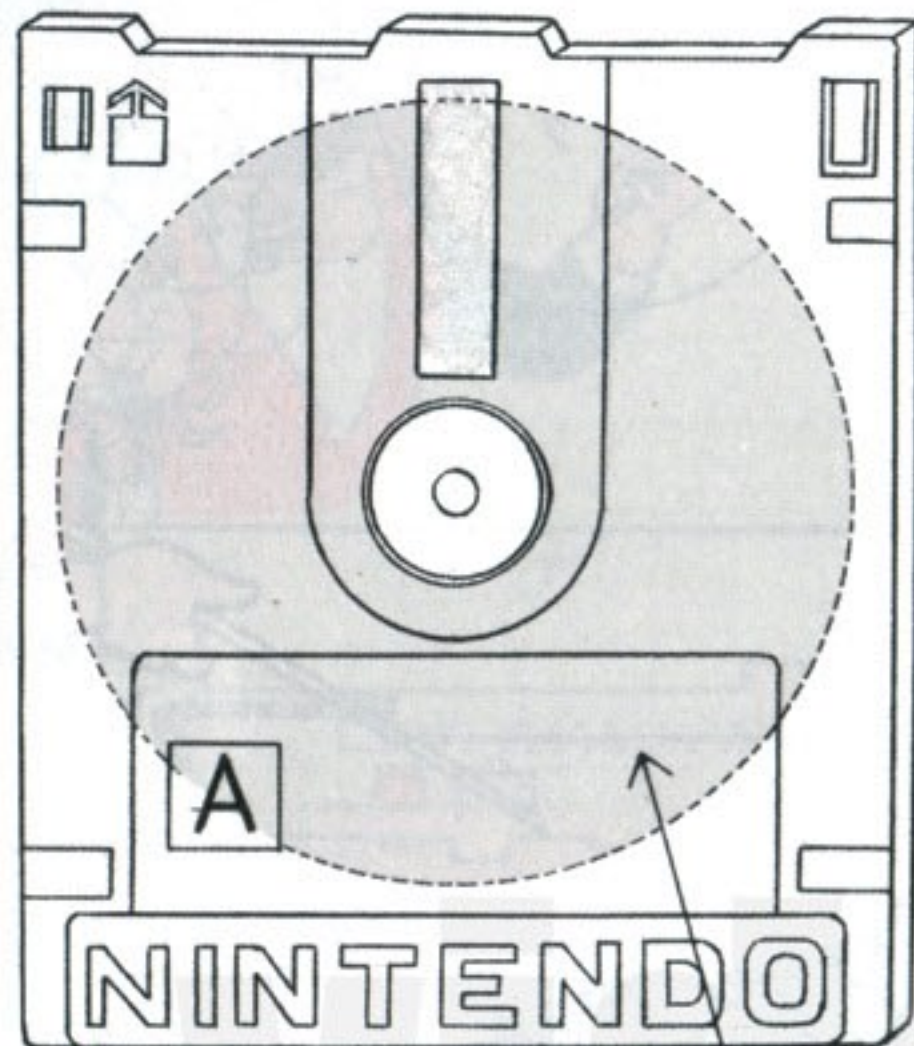


I'm home!



Hello!

Oh! Everybody's here! right?



← Magnetic Film

The Disk is in plastic and a fine iron powder is thinly painted on the magnetic film. The electric signal (the game itself) is recorded on the disk following a spiral path.



Let's get started!



(laugh)

and also I would like to buy dresses and bags here and...



Oh! My glasses are getting clouded!!!



I wanted to come to introduce myself

I heard that he made friends on Earth



By the way Konkichi, what have you been doing?



It is cold outside you know, the room is warm, maybe your glasses became clouded because of it...

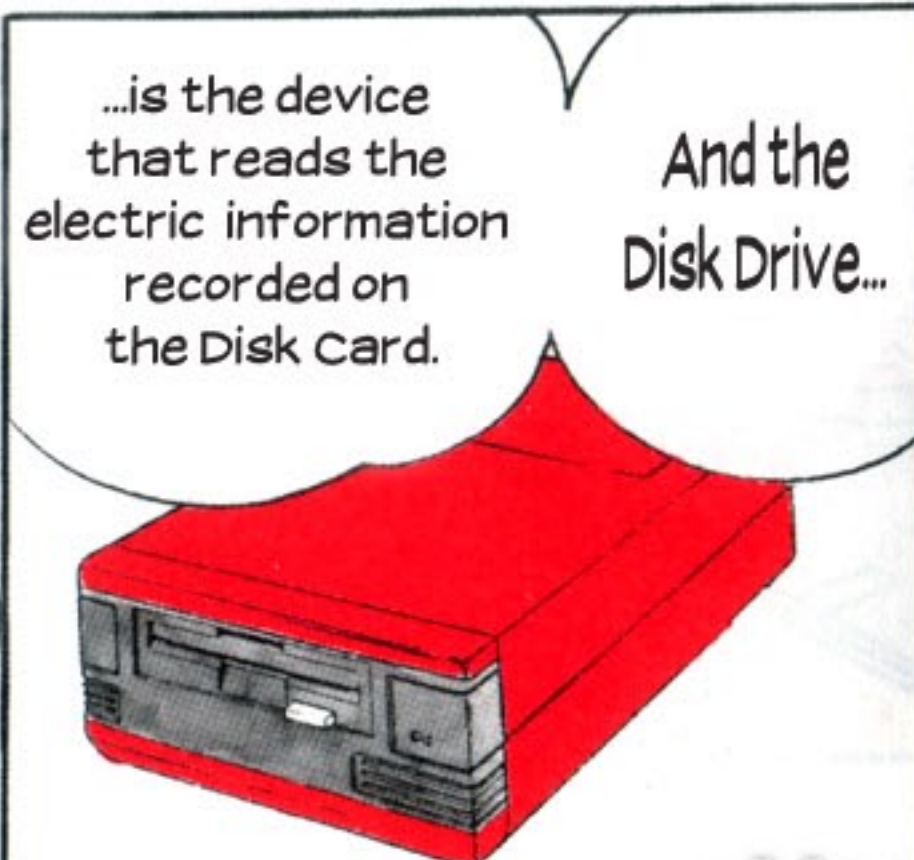
≠ (wipe)



YES!

(shining)

Konkichi's Super POWER!



...is the device that reads the electric information recorded on the Disk Card.

And the Disk Drive...



Well!!! Can I add something?



We talked about the Disk System



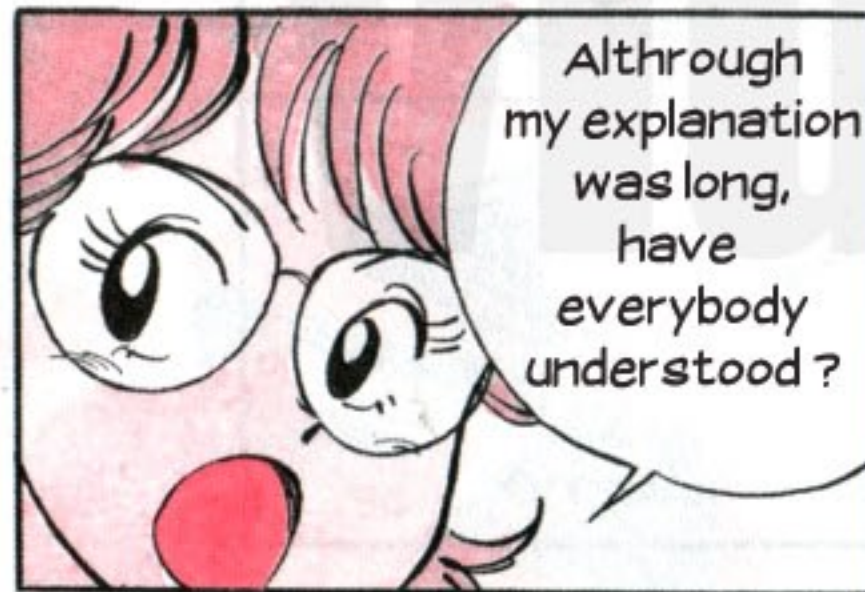
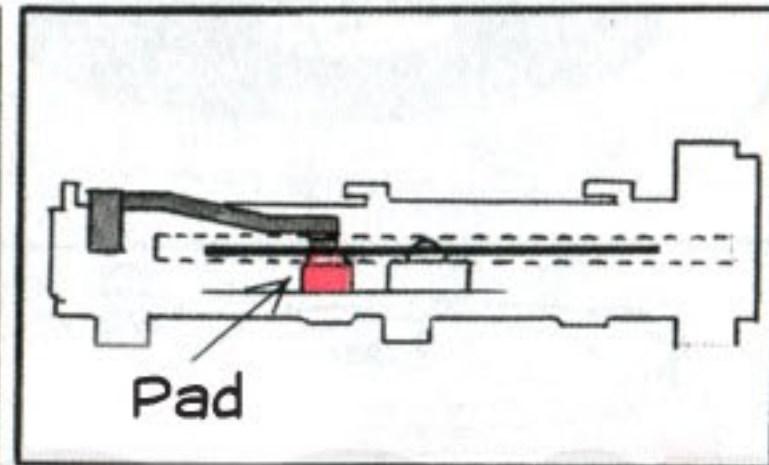
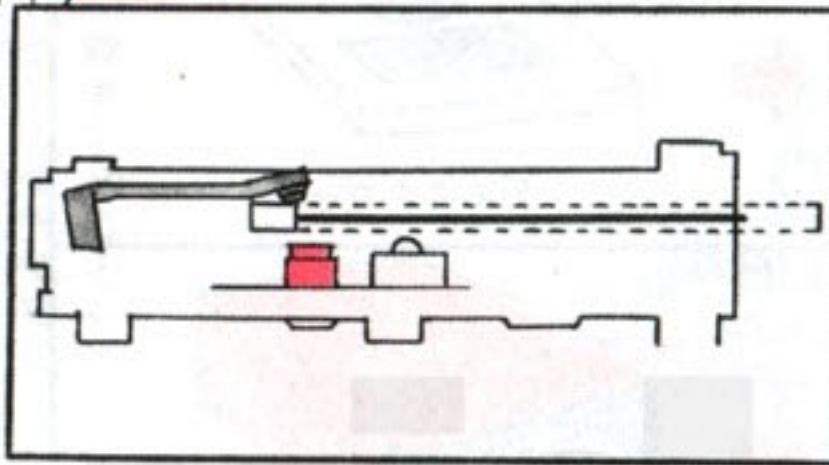
When the Disk Card is inserted in the Disk Drive, the head touches the magnetic film. At the same time, the disk starts turning and the head reads the electric information.



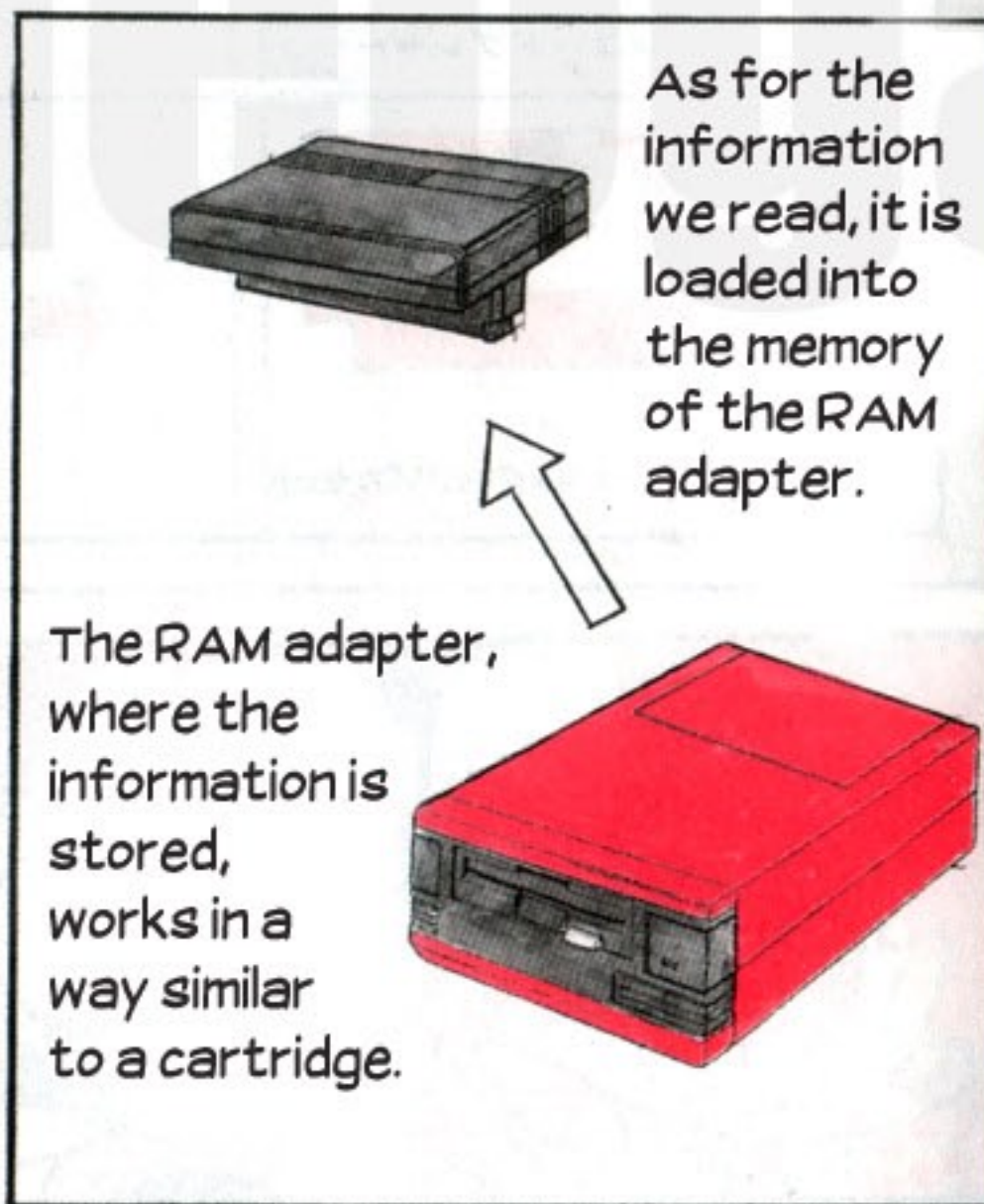
Woow!
This is
great!



Let's look
inside the
Disk Drive!



Although
my explanation
was long,
have
everybody
understood?

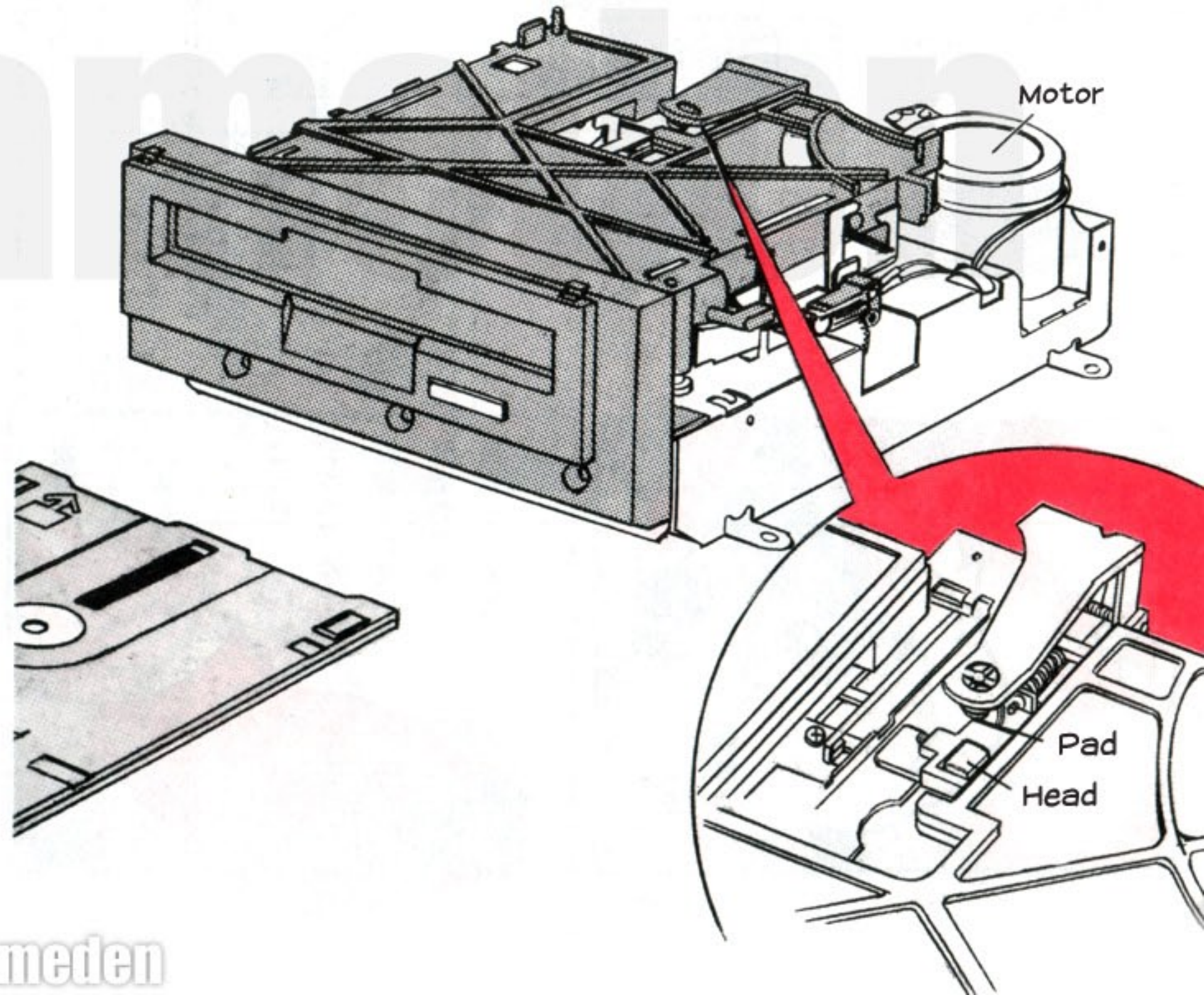


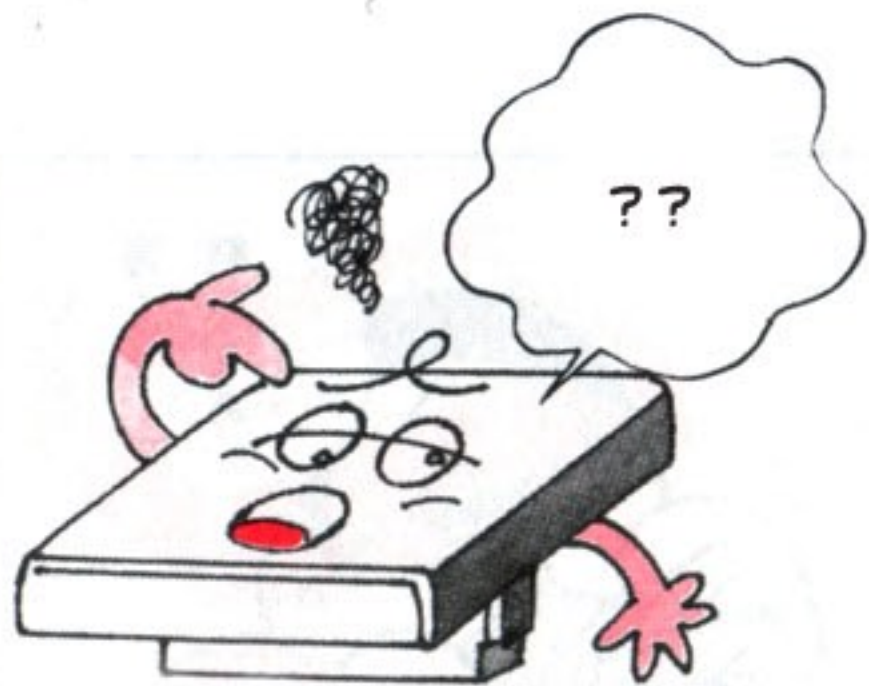
As for the
information
we read, it is
loaded into
the memory
of the RAM
adapter.

The RAM adapter,
where the
information is
stored,
works in a
way similar
to a cartridge.



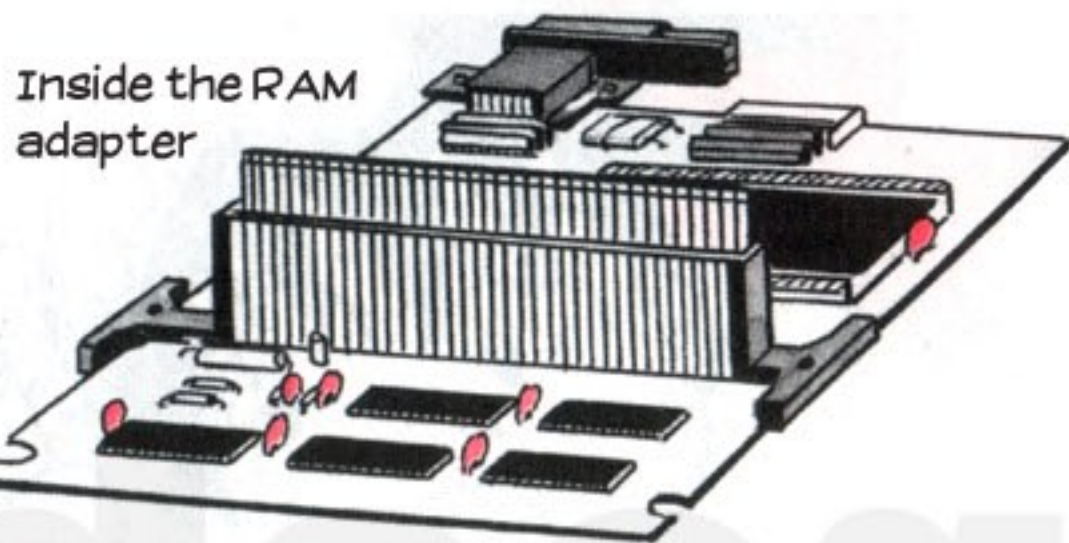
understood!





But the RAM adapter is better than the old ROM cartridge. It can contain various data like the game and other things.

But when the power is turned OFF, the electric information stored inside disappear completely!



Inside the RAM adapter

The content of the RAM is electrically stored on the Disk Card, and the information there doesn't disappear!

In addition, if you start (LOAD) everything again from the beginning, it'll be fine!



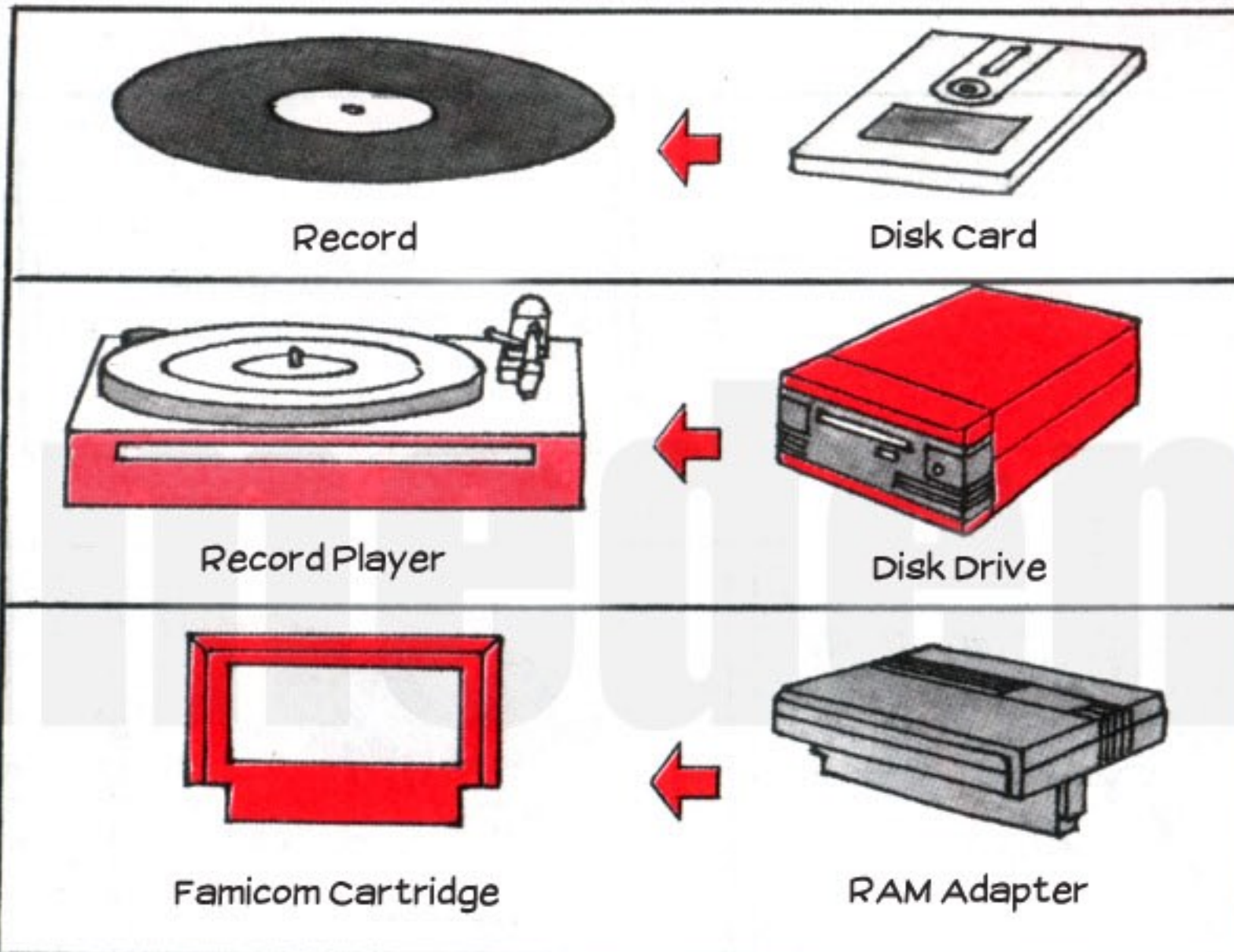
So we can not play twice?

Do not worry!



The Disk Card is in a way similar to a record. The Disk Drive to a record player, and the RAM adapter has the same function than a Family Computer ROM cartridge. Is this right?

It can also be explained like this isn't it?



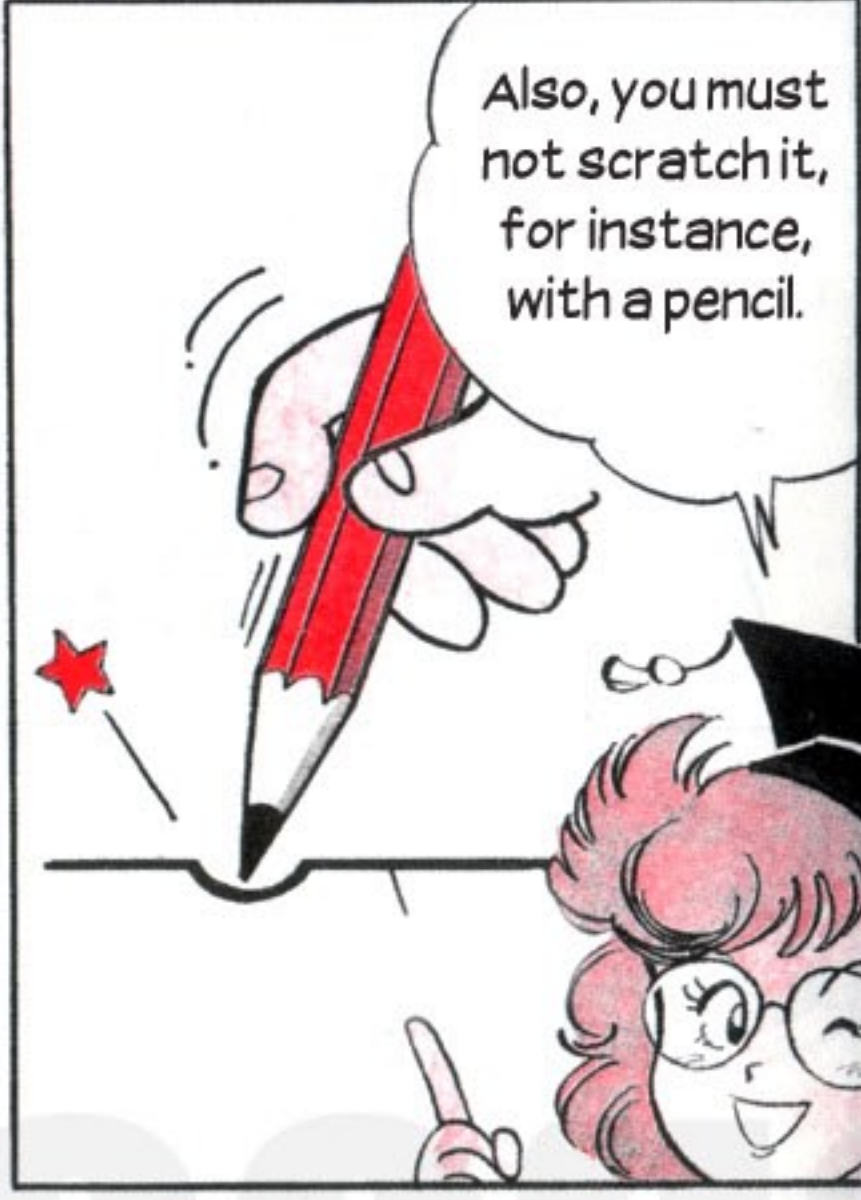
Children on this Earth are very clever too, aren't they?

It is sort of like that!

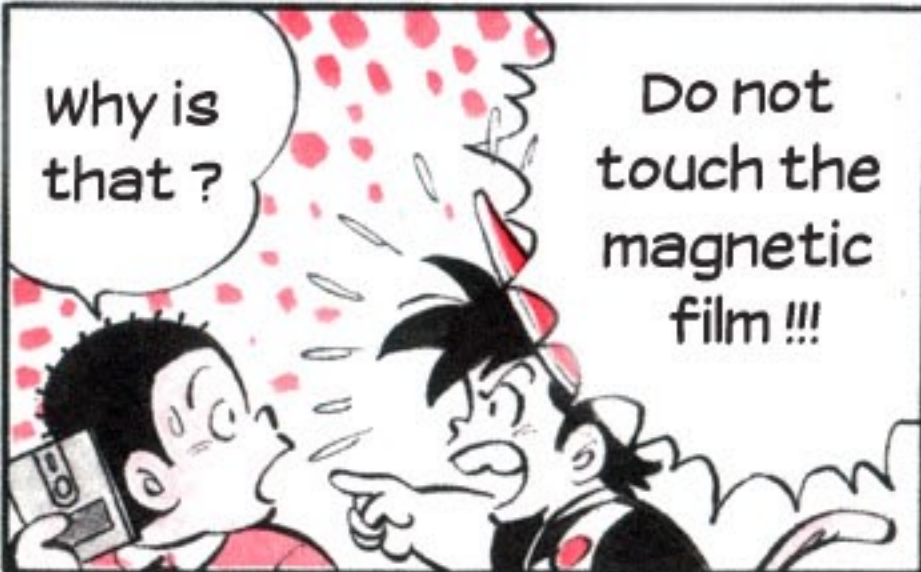


I see!
This is the same
as a cassette
tape!

Ok, I get it.
All right



Also, you must
not scratch it,
for instance,
with a pencil.

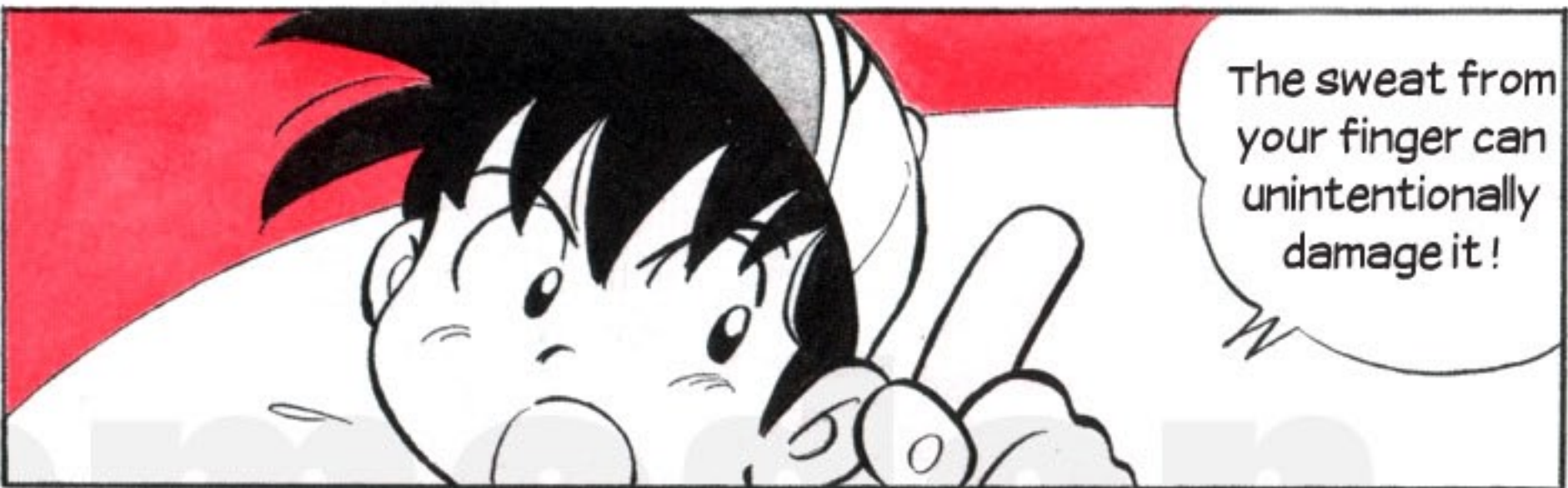


Why is
that ?

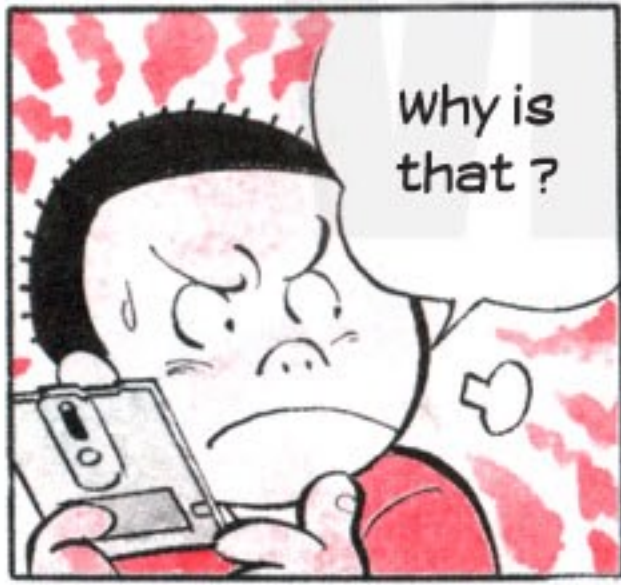
Do not
touch the
magnetic
film !!!



It is really
thin and
light ...



The sweat from
your finger can
unintentionally
damage it!



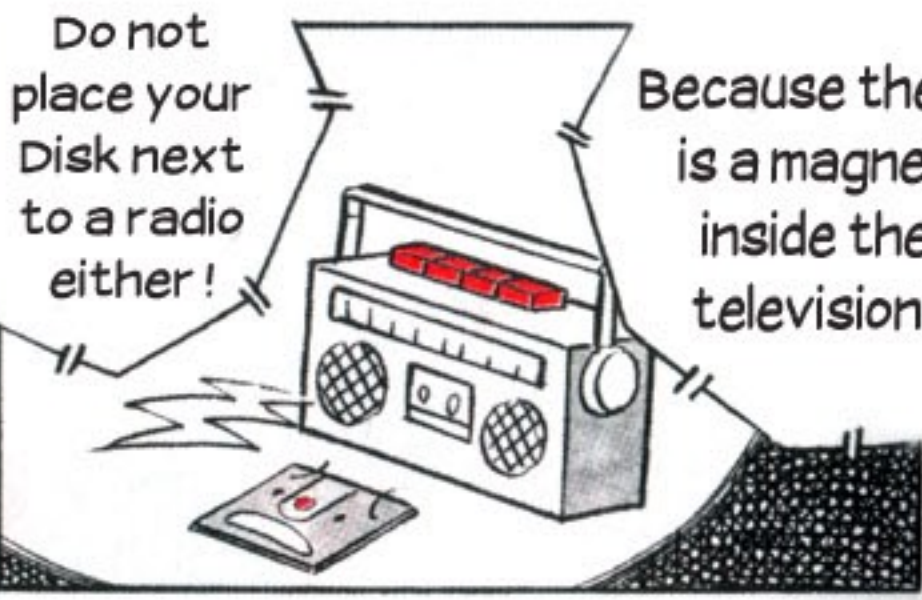
Why is
that ?



Do not
put it on
top the
television !!

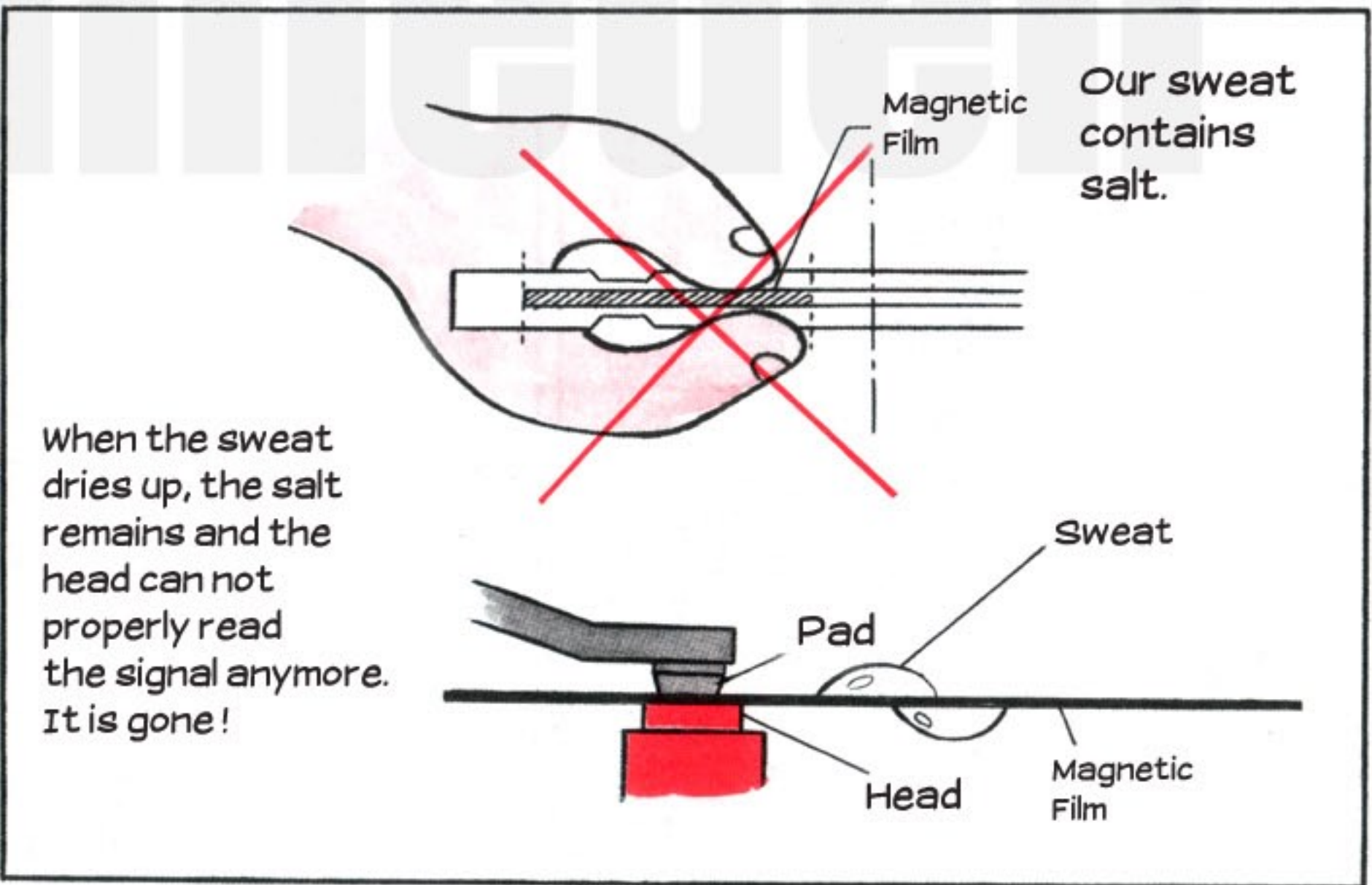


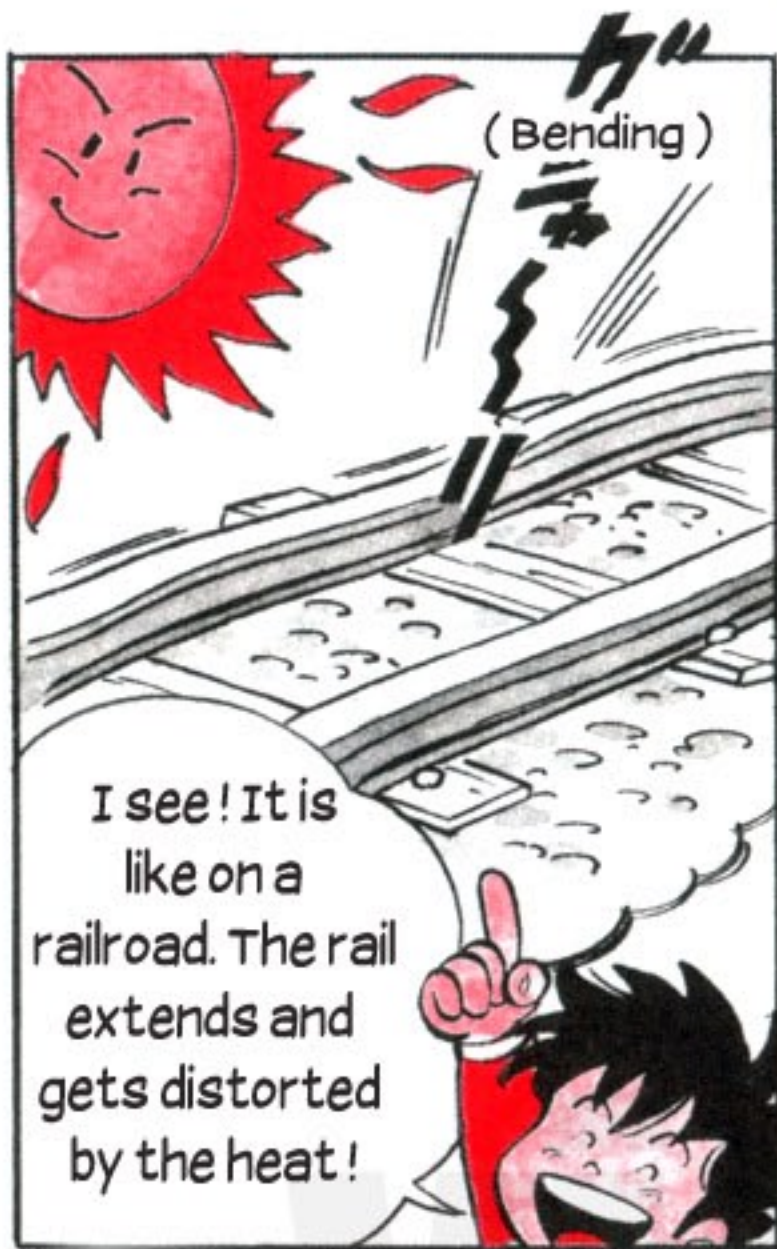
I see!



Do not
place your
Disk next
to a radio
either!

Because there
is a magnet
inside the
television!





(Bending)

I see! It is like on a railroad. The rail extends and gets distorted by the heat!



This is the same thing if you leave it in the car in the Summer

And again, do not leave it in a hot place like in front of a fan heater!



I don't know...

Manabu, do you know what condensation (during rainy seasons) is?



cold places are also bad!

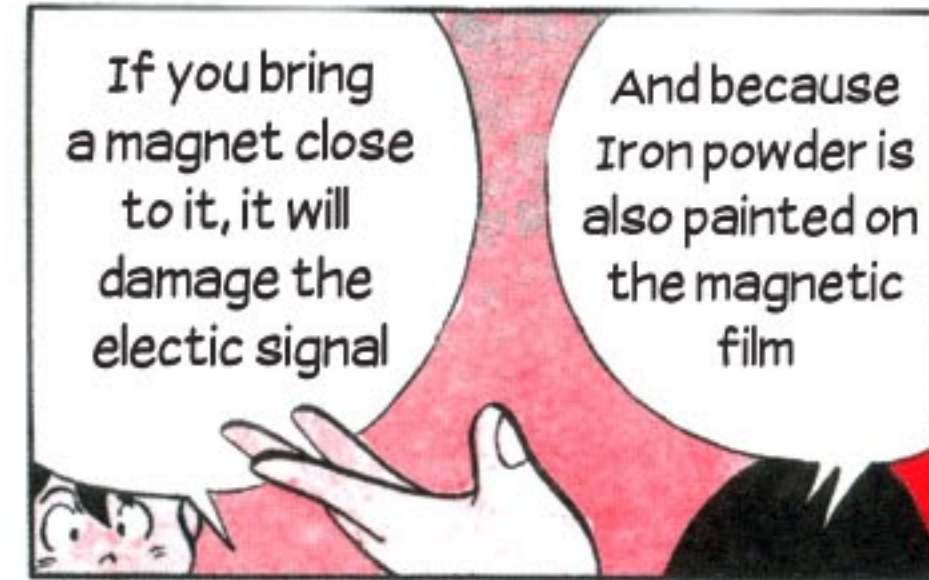
When the temperature is around 60C degrees or more, it won't even return to its original shape!



That's right !!!!



A while ago, your mom's glasses became clouded! This is how it works!

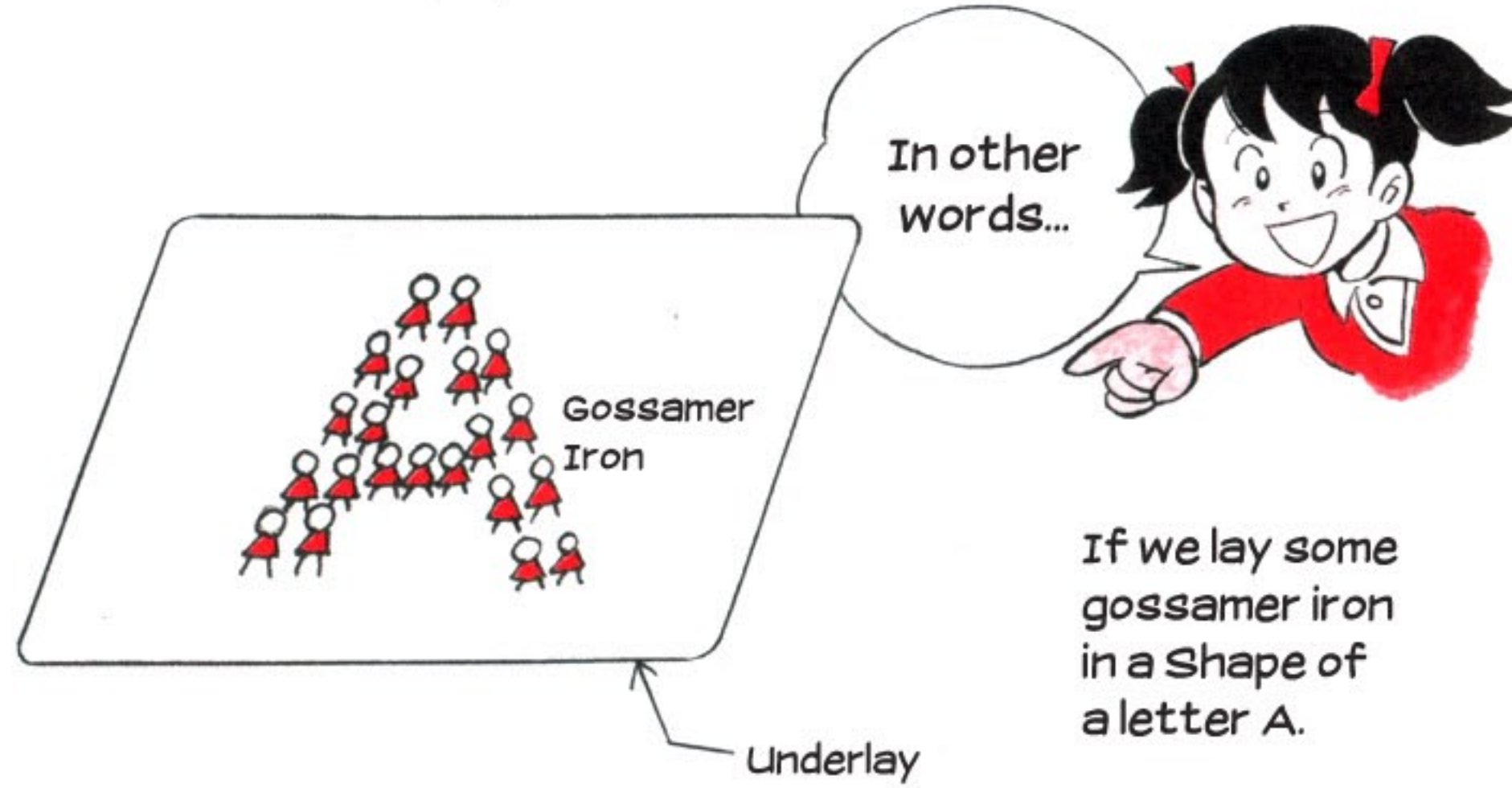


If you bring a magnet close to it, it will damage the electric signal

And because Iron powder is also painted on the magnetic film

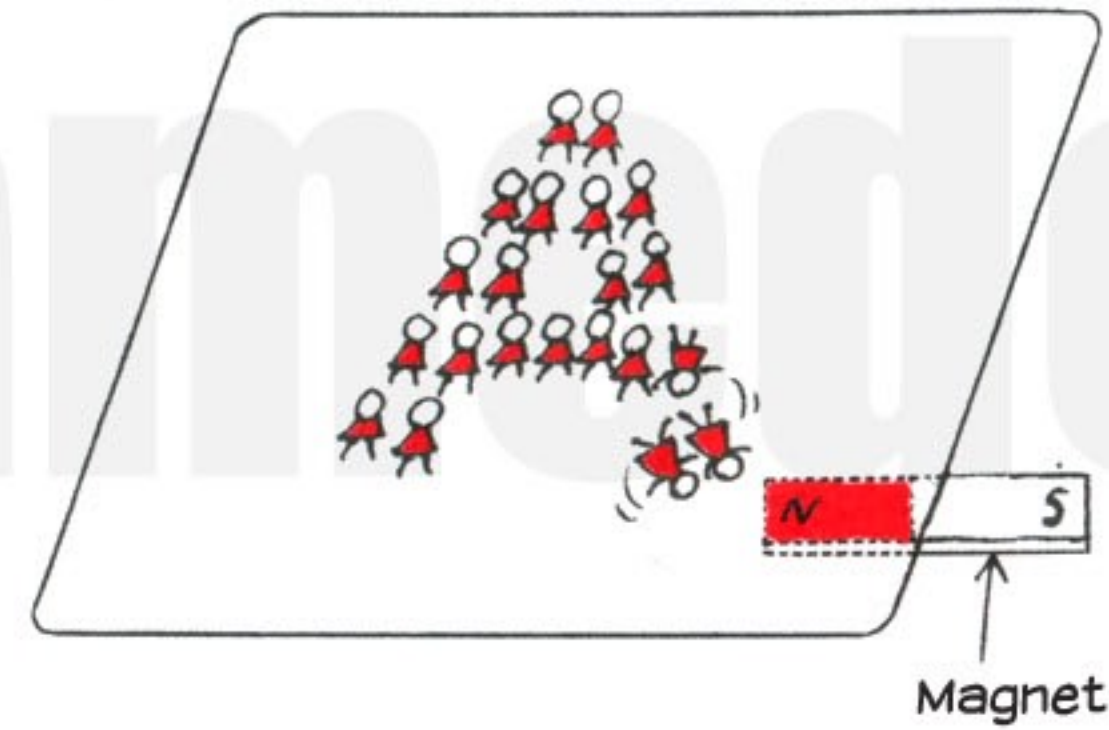


Really, Kyoko, you are really smart! Like me!

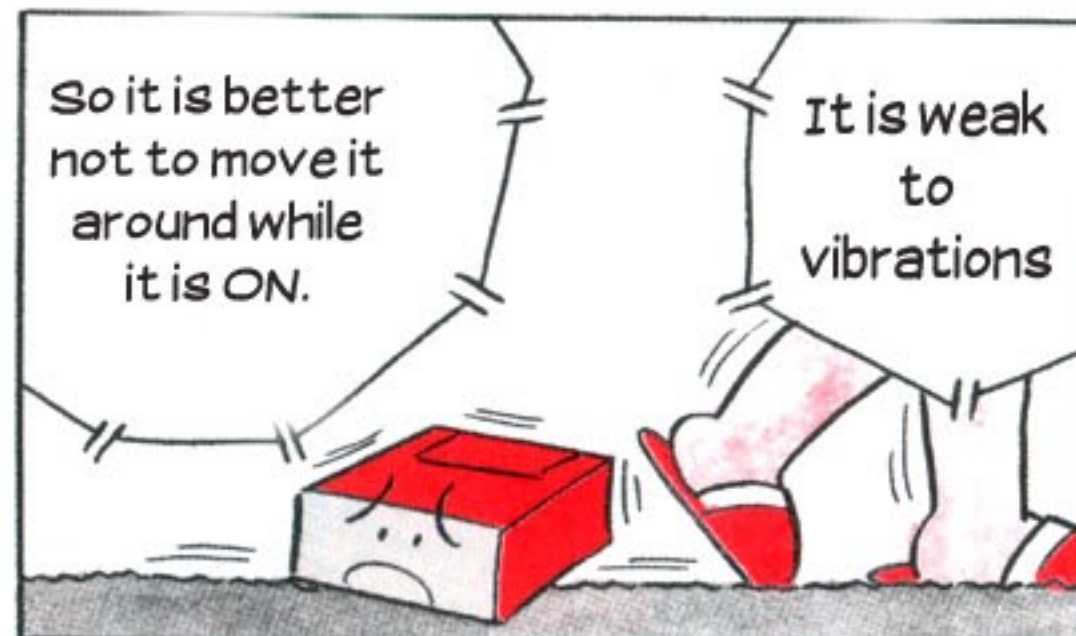
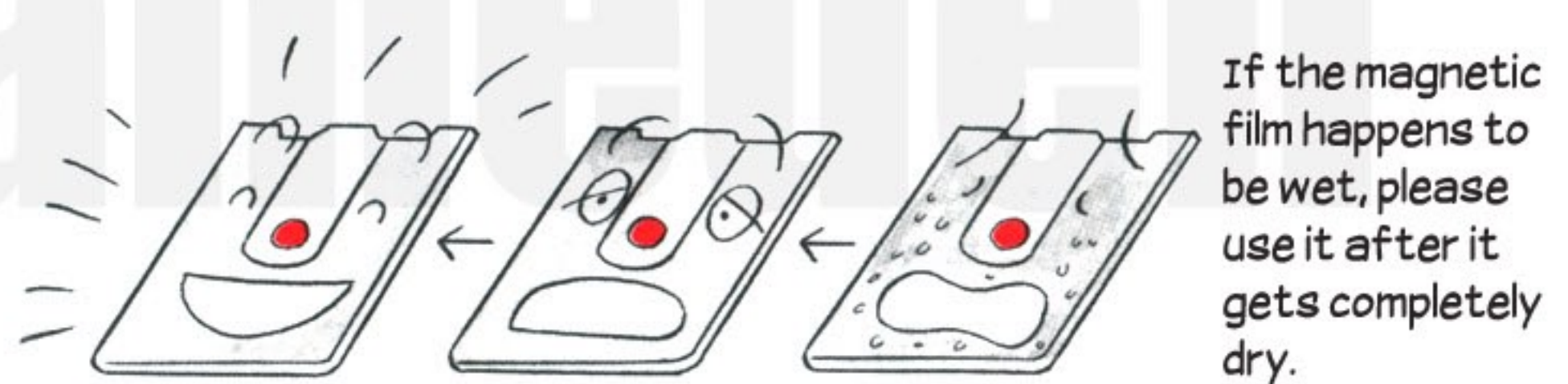
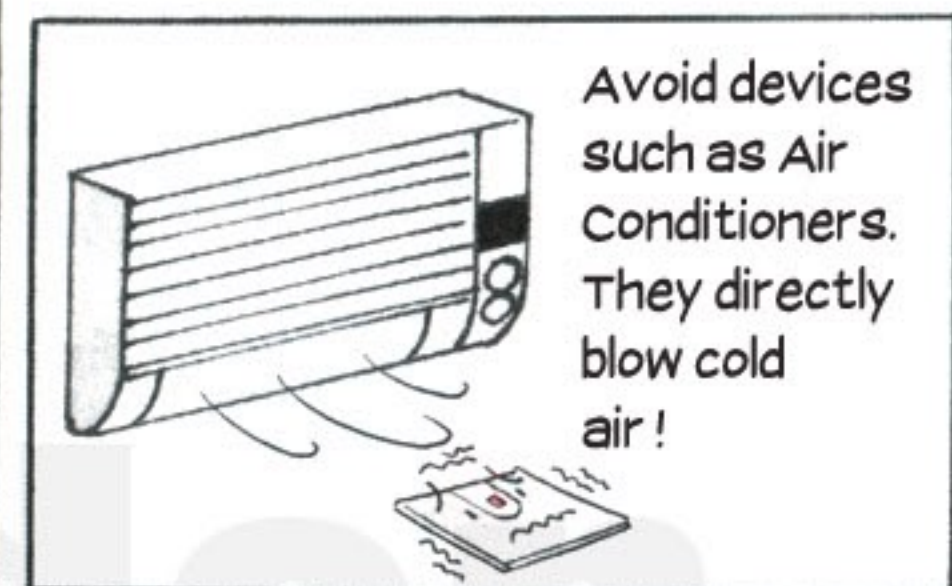
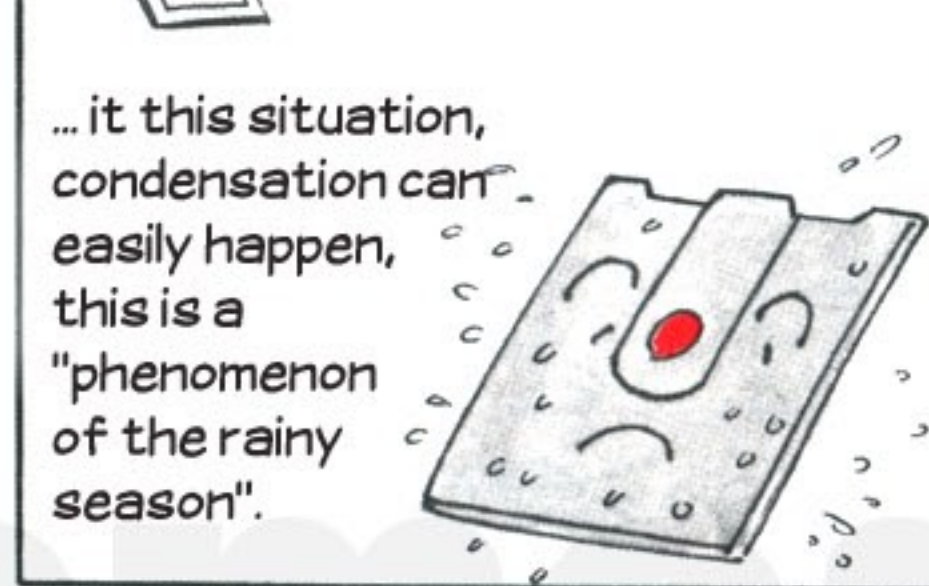
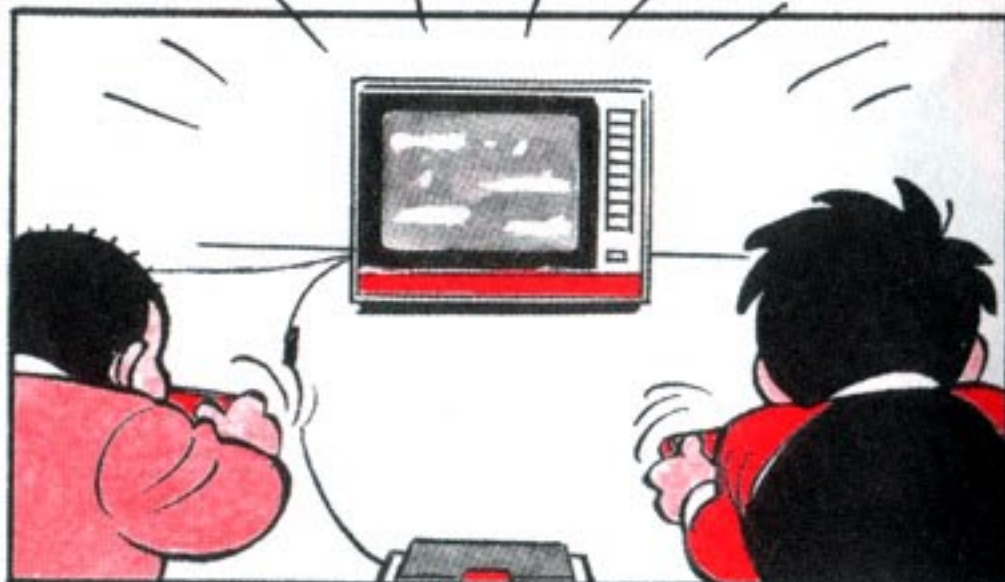


In other words...

If we lay some gossamer iron in a shape of a letter A.



and if a magnet is brought close to the underlay, the nearby magnetic field will reverse polarity and the letter A will collapse...







こんな付属品も
入っているから
利用してね



ファミリーコンピュータが故障したときには……

もし、正常に使用していて故障が生じた場合は、ファミリーコンピュータディスクシステムをお買い上げいただいた店か、取扱説明書やパンフレットに記載されている、最寄りの任天堂の支店営業所にご連絡下さい。

修理品は、できるだけ早く直してお返し致しますので、修理を依頼されるときには詳しく故障の箇所または症状をお知らせ下さい。

お買い上げ日より6ヵ月間は無償修理いたしますので、修理品と一緒に保証書は必ず付けて下さい。

なお、保証書に、お買い上げ店名、お買い上げ年月日等必要事項が記入されていない場合、有償となりますのでご注意下さい。



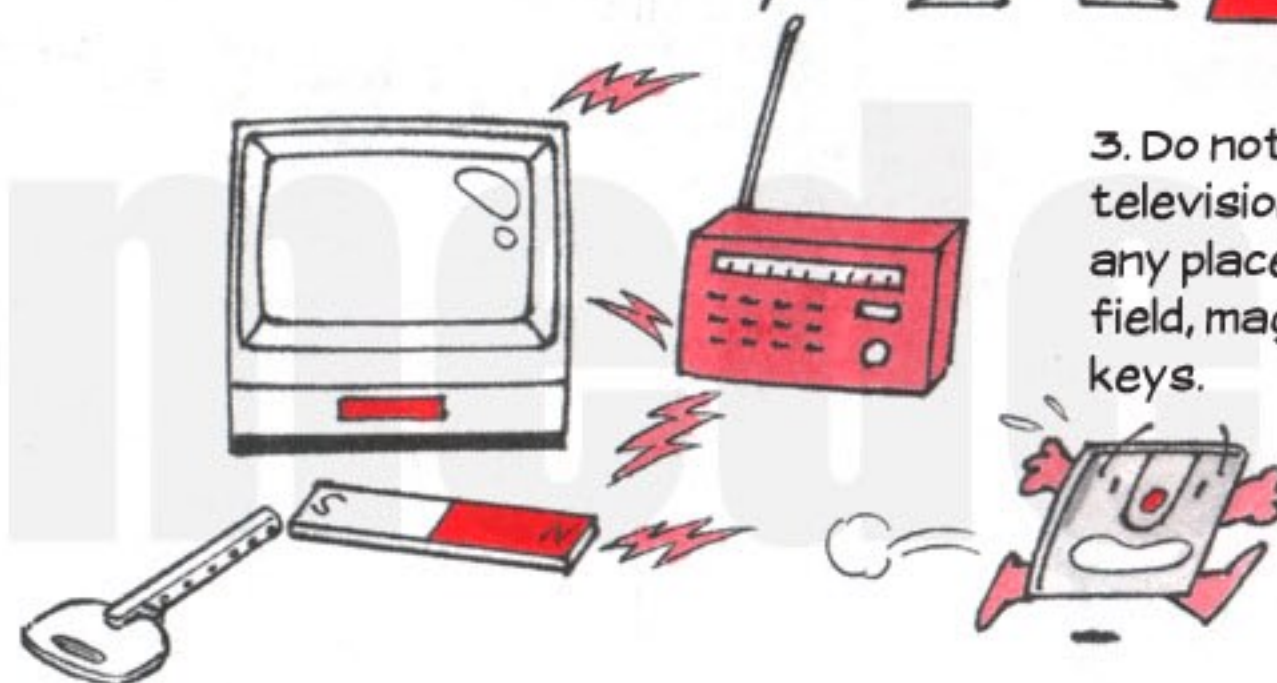
1. Do not touch the magnetic film.

You have to take care of your Disk Card!

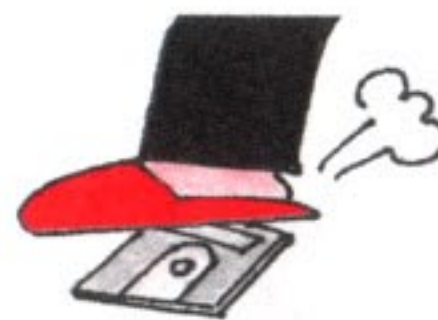
2. Do not place it in either cold or hot places.



3. Do not bring it close to a television or a radio. Avoid any places with a magnetic field, magnets or electronic keys.



4. Do not drop it or step on it!



5. Be very careful during rainy seasons.



6. Make sure you keep your disk in its special case.

