Fig. 1 Illustrating the algorithm for extending speech balloons (Up from left to right (a) (b) (c), down from left to right (d) (e) (f))
Fig. 2-4 illustrates our comic translation software. Extension of speech balloons is done successfully.
Fig. 5 illustrates the case that our software is still difficult to deal with.

Fig. 6 illustrates the subdivision function. Subdivision function is for automatically dividing a page of comic strips into frames, while each frame contains one panel.

- We used an original algorithm which involves three processes: (1) to find all of the squares in the image of the page; (2) to compare the squares’ size and location so as to determine their enclosing relationship; (3) to remain only the squares which have no enclosed ones. The finally remained squares are used to subdivide a page into small frames of panels.
- Other functions of the translation software are carried out to each frame.