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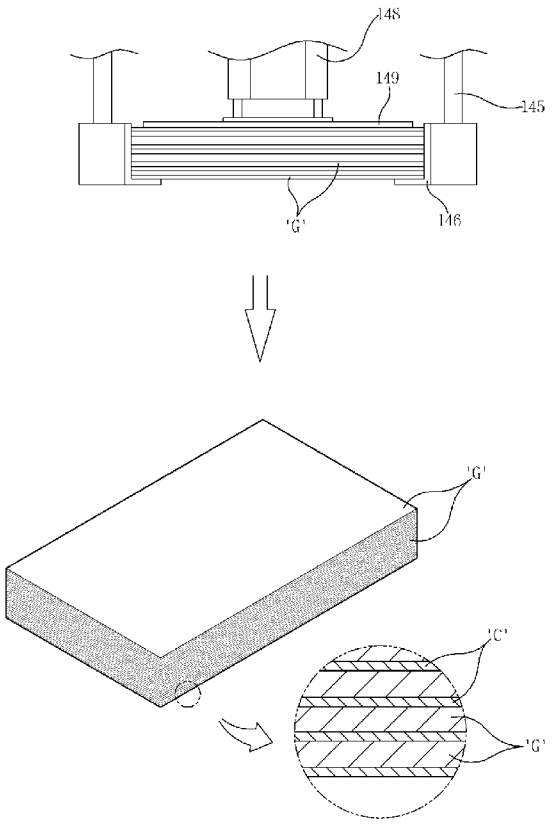
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[Continued on next page]

(54) Title: MANUFACTURING METHOD OF THIN GLASS BY STACK-ADHESION TYPE AND MANUFACTURE APPARATUS THEREOF

[Fig. 2]



(57) Abstract: A method and apparatus for manufacturing thin sheets of glass using stack and adhesion. Several sheets of mother glass are stacked and adhered using an adhesive providing easy adhesion and separation, and then the adhered sheets of mother glass are cut to desired size and then are subjected to surface grinding, etc., so that productivity is increased, while a fraction defective is decreased. Particularly, the productivity of tempered glass can be increased, and the fraction defective of the tempered glass can be reduced. Further, when small electronic products such as mobile phones are produced, the thickness of each electronic product can be reduced, and simultaneously the tempered glass can be efficiently manufactured due to the thickness reduction. Thus, the thin, small electronic products can be produced at a minimum manufacturing cost.

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7 May 2009

AMENDED CLAIMS
received by the International Bureau on 24 February 2009 (24.02.2009)
<claims 1 to 22 unchanged; claims 23 to 25 cancelled>

The apparatus as set forth in claim 19, wherein the loading/unloading unit further includes:

transverse support bars coupled to intermediate portions of the longitudinal support posts in a transverse direction;

cylinders coupled to the transverse support bars in a downward direction; and

a pressing plate fixedly coupled with the cylinders and pressing the stacked sheets of glass by downward operation of the cylinders.

【Claim 21】

The apparatus as set forth in claim 16 or 18, wherein the adhesive has a fusion point lower than that of the glass.

【Claim 22】

The apparatus as set forth in claim 21, wherein the adhesive includes pine resin.

【Claim 23】 cancelled.

【Claim 24】 cancelled.

【Claim 25】 cancelled.

STATEMENT UNDER ARTICLE 19 (1)

All Claims are fully supported by the description because Claim 23 and 24 ar cancelled.

And all Claims comply with PCT Rule6.4(a) because Claim 25 is cancelled.