

IDEAL FLEX-BOX

Description

IDEAL FLEX-BOX is a new patent solution (patent n° MI 2002A000838) which allows to pack solid fresh food products of various shapes in a very simple and convenient way.

The basic idea consists in forming a flat flexible multilayers material (pre-printed) pre-shaped, pre-folded and pre-cutted to insert in packing machine. The system is well described in the pictures attached.

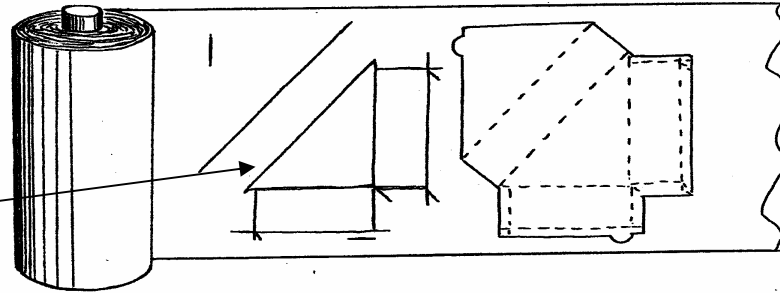
Basically the system consists in:

- Flat personalised (printed ,pre-cutted and shaped) flexible sheets as described in fig. 1/2/3/4
- A packing machine which allows to seal the pre-shaped sheets for perfectly packaging the fresh solid product inserted (fig. 5/6/7/8/9/10) .

Advantages

- Possibility to print the pre-shaped sheet in the all surface in low quantities at a very competitive price (no need of labels)
- Easy to open completely (PE is pealable) in the upper side
- Easy to extract the product inserted without getting dirty the hands
- Make of one unique material (OPA/PE) which can guarantee good shelf life and protection
- Possibility to pack limited numbers of pieces at a very low costs
- Possibility to pack different fresh solid product of different shapes and sizes using the same packaging machine

FIG.1



Shaping/ Folding
cutting from the
printed reel

FIG.2

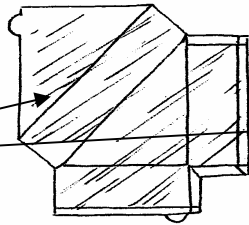
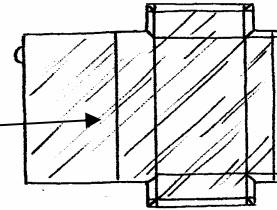


FIG. 2A



Different shapes
possibilities

FIG.3

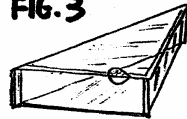


FIG.3A

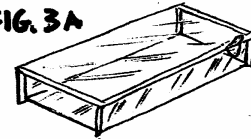


FIG.4

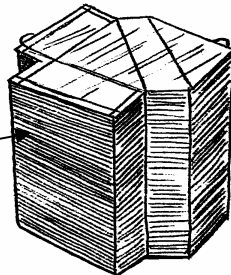
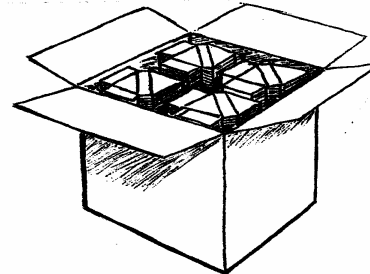


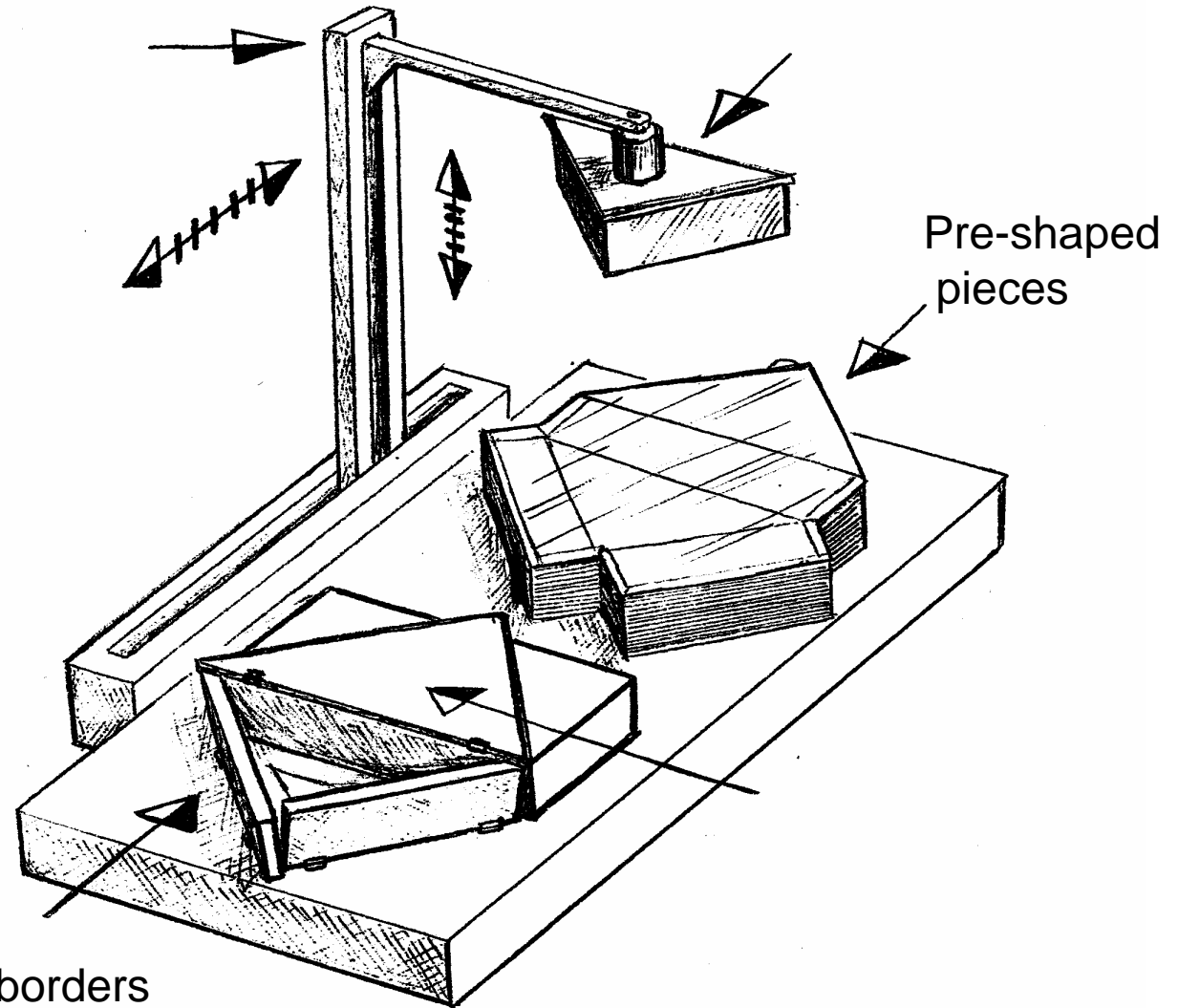
FIG.4A



Packed

Overlapping in pile
to save space

FIG.5



Movable sides
which seal the borders
of the pre-shaped material

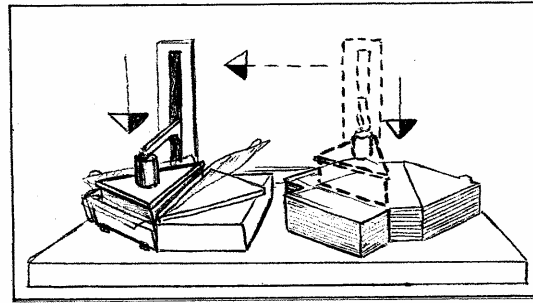


FIG. 7

FIG. 6

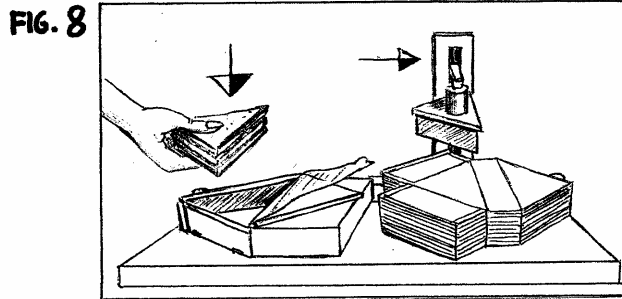


FIG. 8

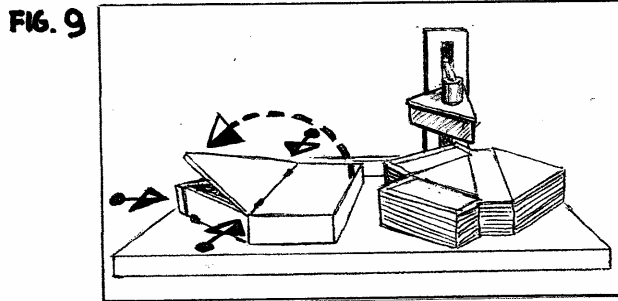


FIG. 9

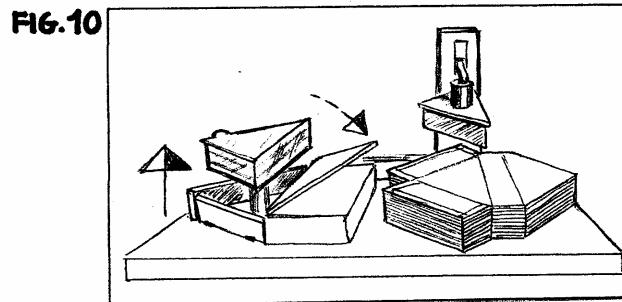
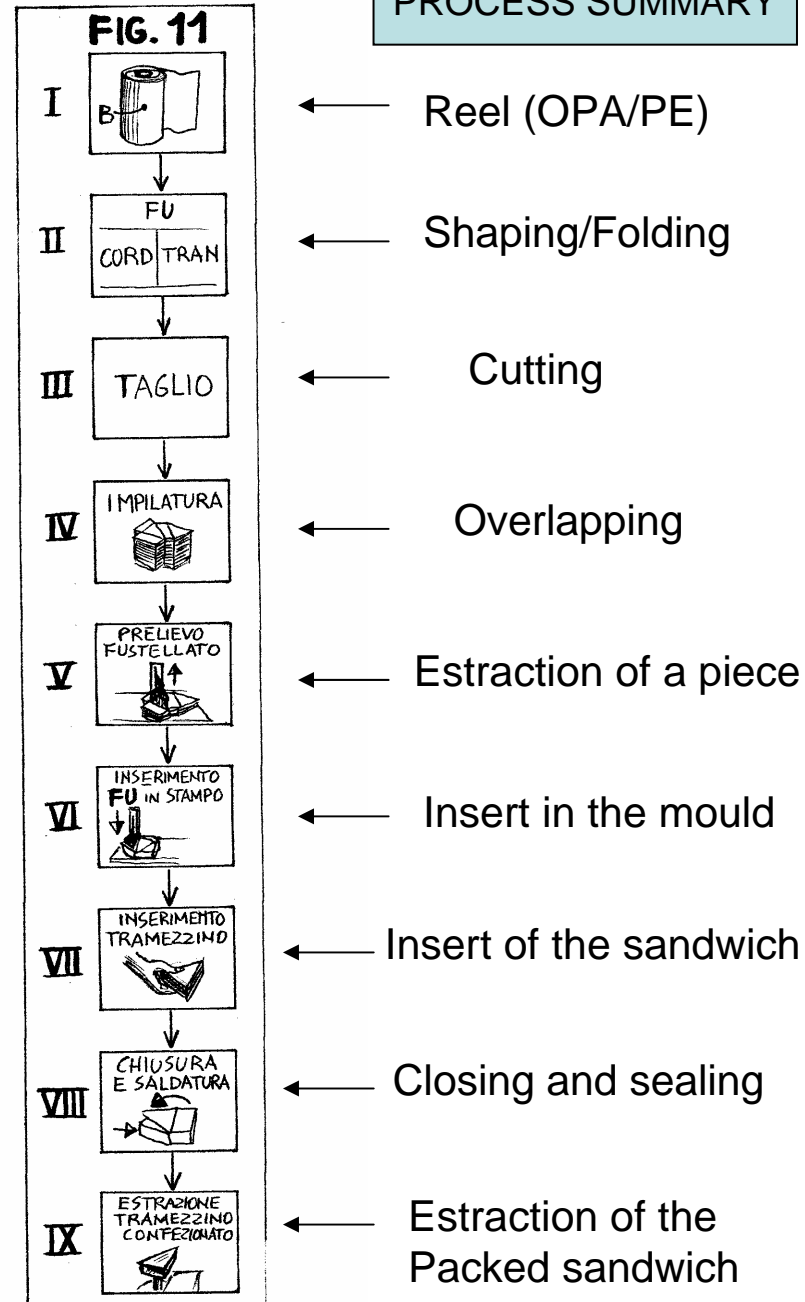
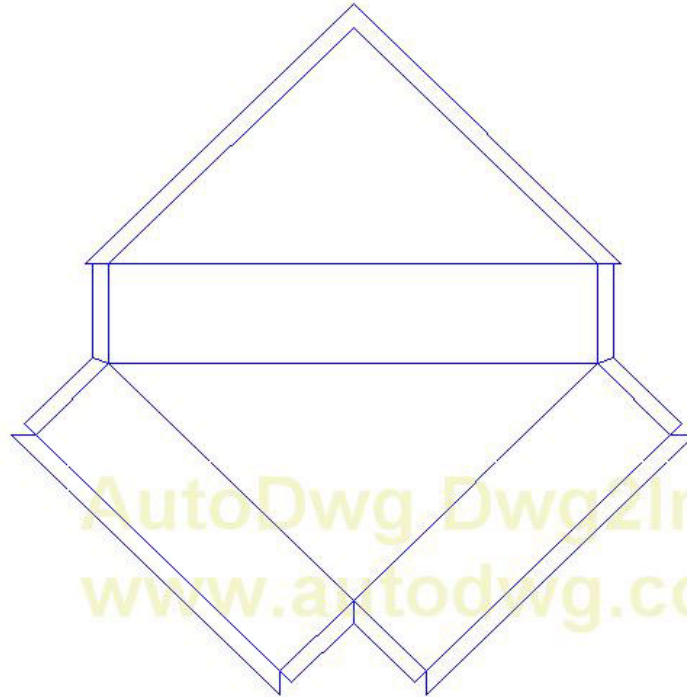


FIG. 10

PROCESS SUMMARY





AutoDwg Dwg2Image Demo.
www.autodwg.com/DWG2Image

MATERIALE	TRATTAMENTO TECNICO		N° PEZZI
-	-		-
CG PROJECT	MACCHINA :	-	SCALA
	GRUPPO :	-	-
	PARTICOLARE :	FOGLIO	DATA
FIRMA CHVPPINI	FILE 300.DWG	N° COMPLESSIVO 013.00	30/05/2002 N° PARTICOLARE -

