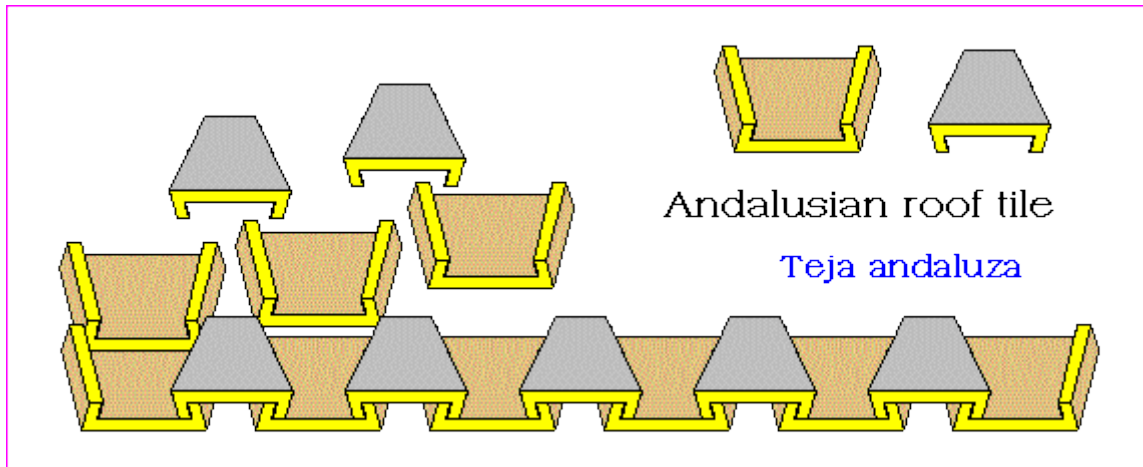


# Andalusian roof tile

Spanish Patent 200401860 ----- Published 2007-Sept-16th.

Of ferman: Fernando Mancebo Rodriguez



## Description

The present invention refers a new type of roof tile with characteristic of auto-anchorage as much among tiles as among lines of tiles, with which this type of roof tiles doesn't need cements neither other sticking elements, except for subjection on eaves and edge of the roof.

Also this auto-anchorage system provides roof tiles continuous and progressive joining that impedes them to be dragged by the wind.

The anchorage system is carried out by up situated flanges that are bevelled in major o minor degree according to the joining necessities in each case.

This utility model tries to get a plane tile of simple composition, in regular trapezium shape, with two flanges in lateral and upward situation that are good to be coupled with another reversed tile, which can be of smaller width to get a more compact, simple and quick joining in its assembly.

The utility, advantages and differences of this model regarding to other can be summarized in:

- High security in the isolation and rain protection to be interior the union among tiles and to be these situated in altitude regarding to the streams of water.
- Total anchorage among tiles impeding displacements or haulage by the wind force.
- Conical union among lines of tiles getting a strong anchorage among them.
- Quick assembly and anchorage without necessity of using cement or any other element for its fixation (except for fixation in the base and edges of the roof).
- Tiles changes without necessity of any cement type: to extract and change simply.

It is not indispensable to use superior tiles with smaller size and you can use reverse inferior tiles as superior ones.

Another accessory utility of this type of tiles is the possibility of manufacturing the superior tiles with distinguishing characteristics, shields or drawings that can personalize to important constructions.

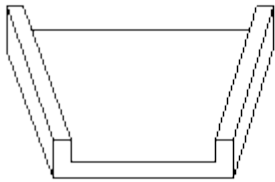
The assembly of this type of tiles would be of partial overlapping among superior line of tiles on another inferior line and in conical joining, just as it is shown in the drawings.

# Teja Andaluza — Andalusian roof tile

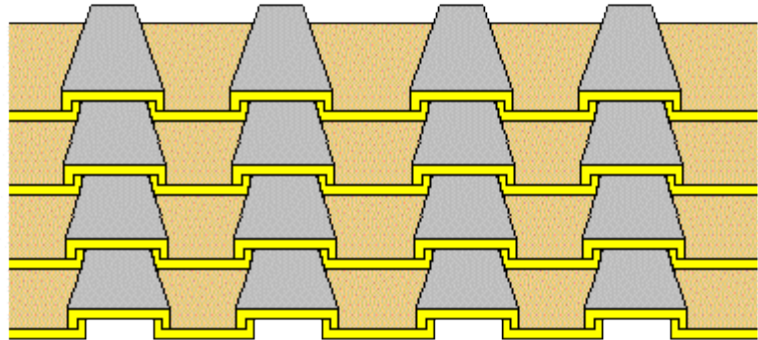
Inventor: Fernando Mancebo Rodríguez

Teja sin biselado

Fig. 1



Roof tile without bevel



In the previous drawing we have the simple and not bevelled roof tile whose anchorage capacity is of smaller degree than in the other model and it has joining of conical type only, which although prevents it sliding down from the roof. This model could be stuck with pastes, cement or screws.

Roof tile of single bevel

Teja de biselado simple

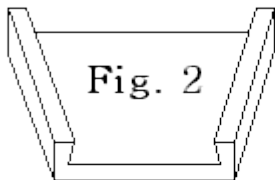
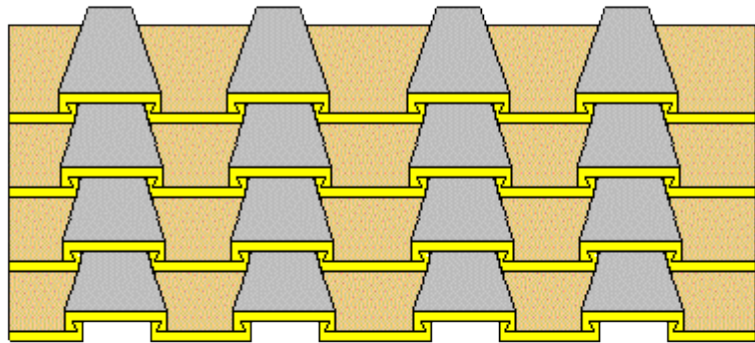


Fig. 2



Roof tile of double bevel

Teja de doble biselado

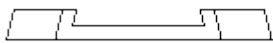
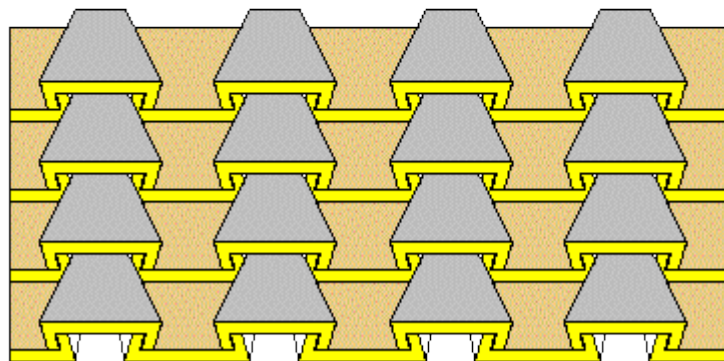
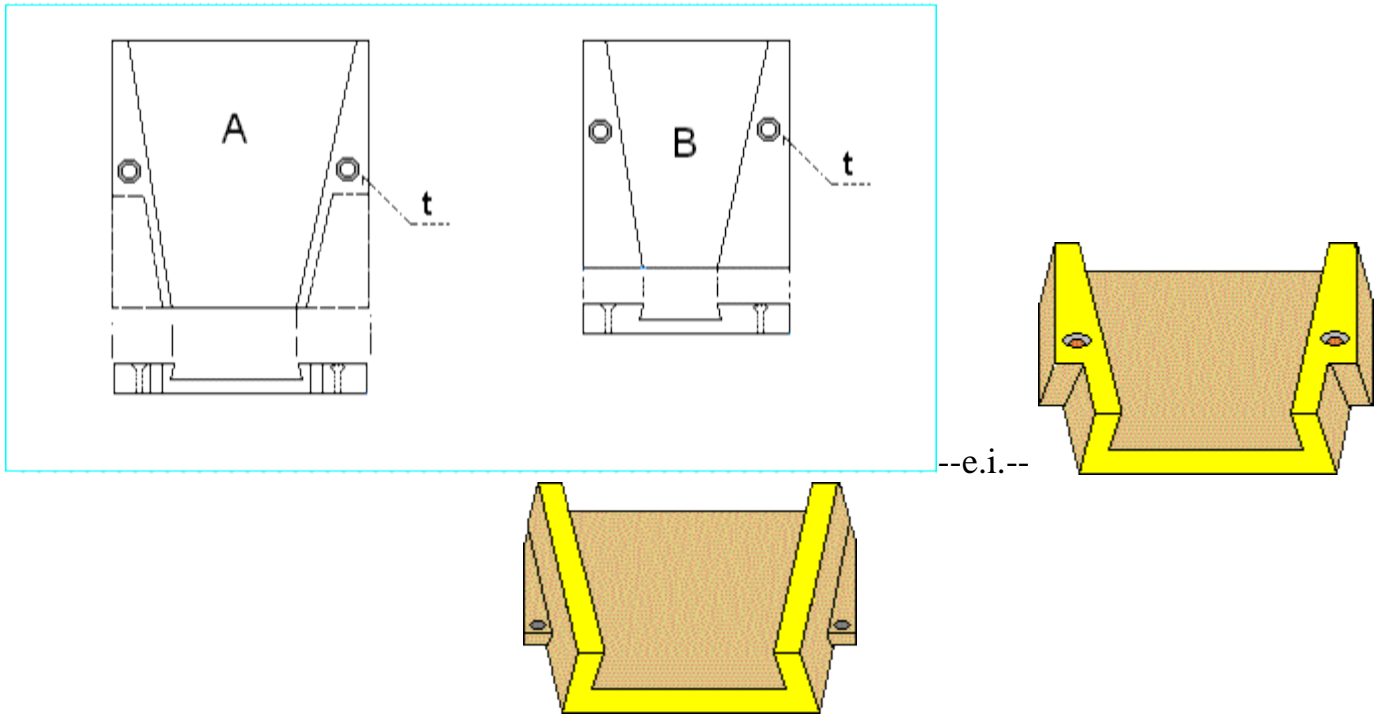


Fig. 3



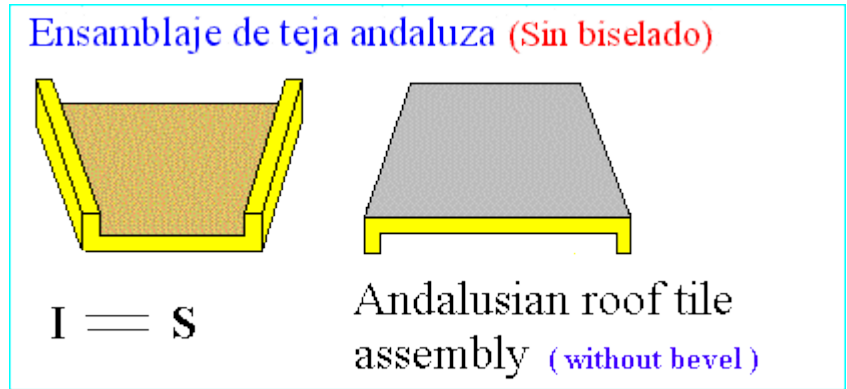
In this drawing the two types or degrees of bevelled in the Andalusian roof tile are shown. The first one has simple bevelled and its joining is gotten among lines of roof tiles.

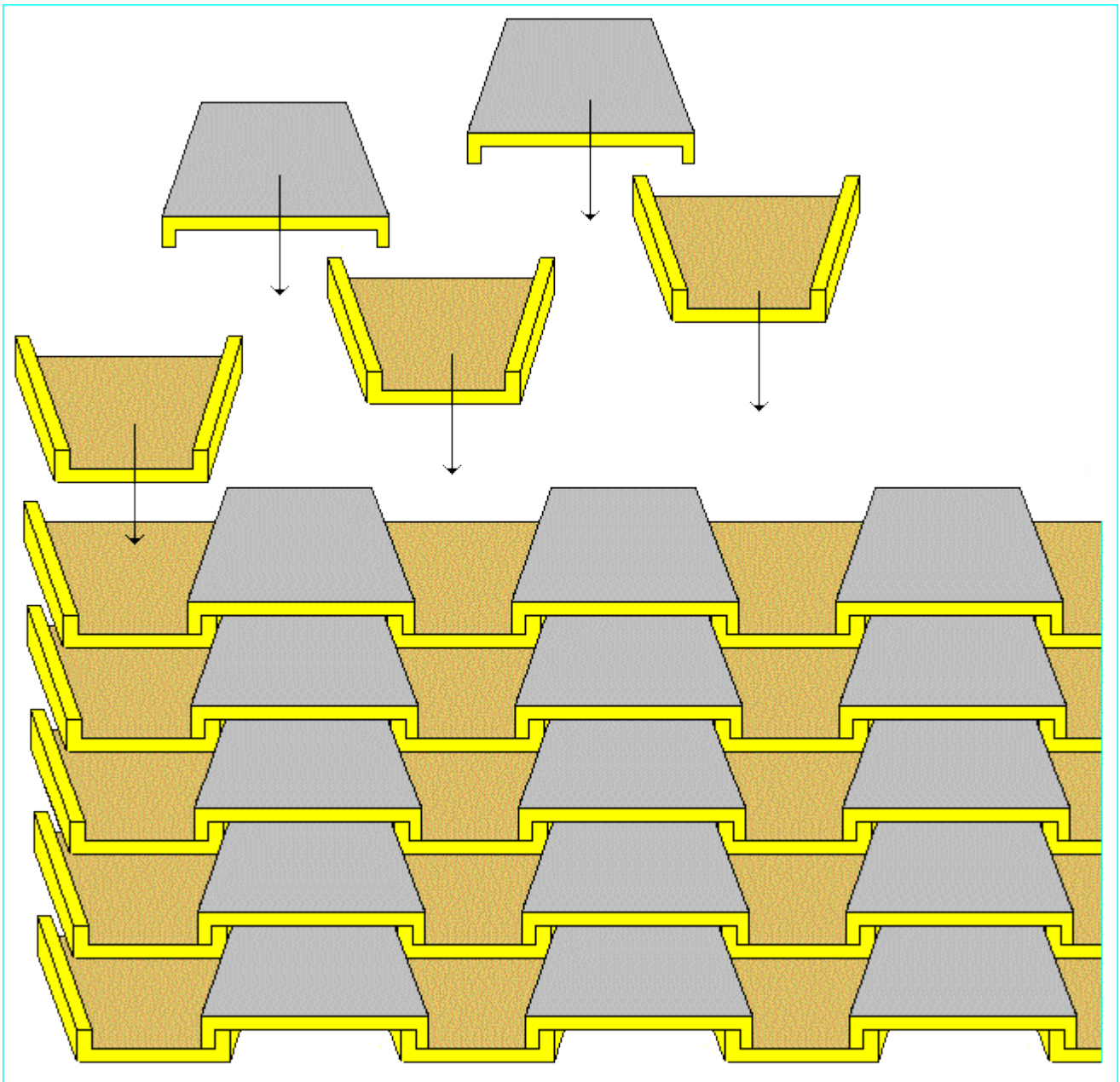
In the second drawing we have the Andalusian roof tile of double bevelled that would have subsection so much along the lines as among lines and this model doesn't need to be stuck with cements or pastes.



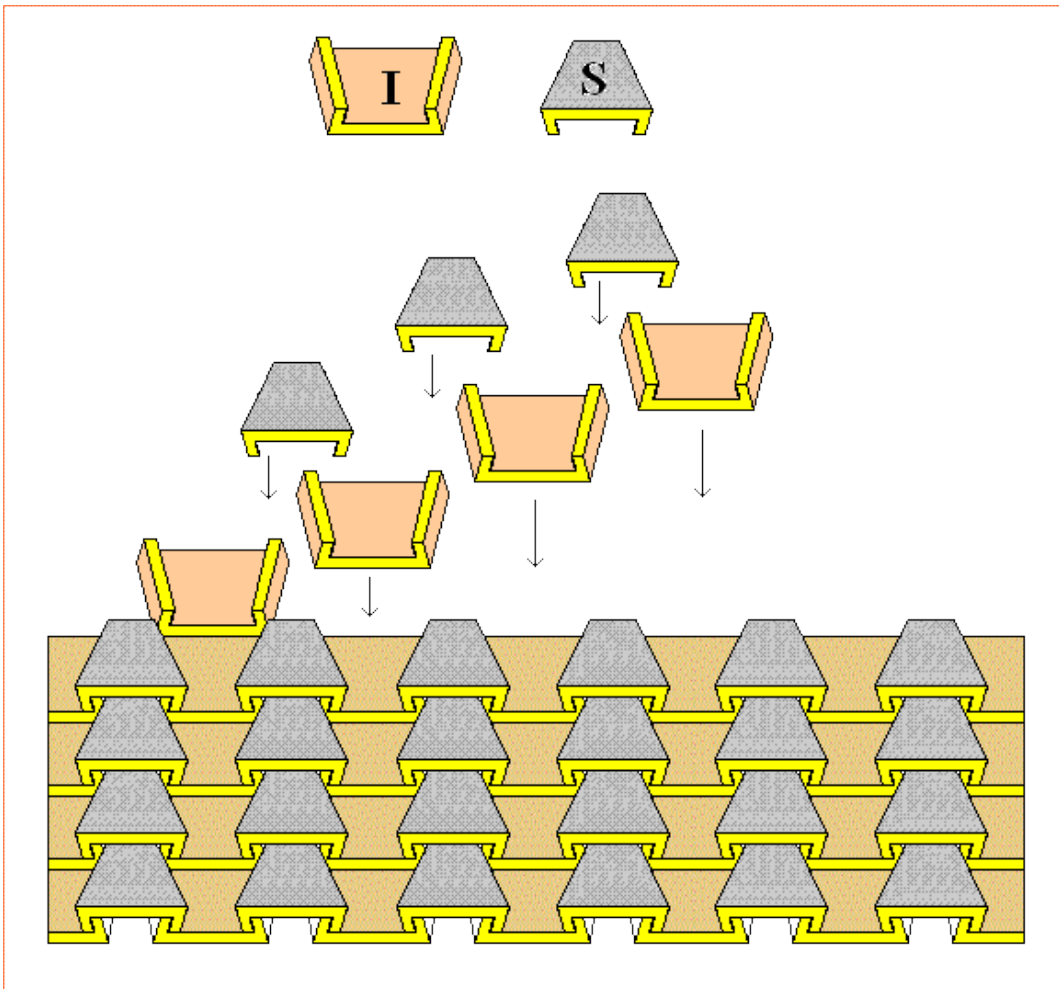
In this previous drawing, model of Andalusian roof tile are shown with holes for screws with object of being screwed to the floor of the roof, being useful in this case to be coupled to wooden roofs or fixed to any roof type.

En the following drawing we can see as this model of Andalusian tile roof can be assembled, in this case of the tile without bevel, although the procedure is always in the other ones.

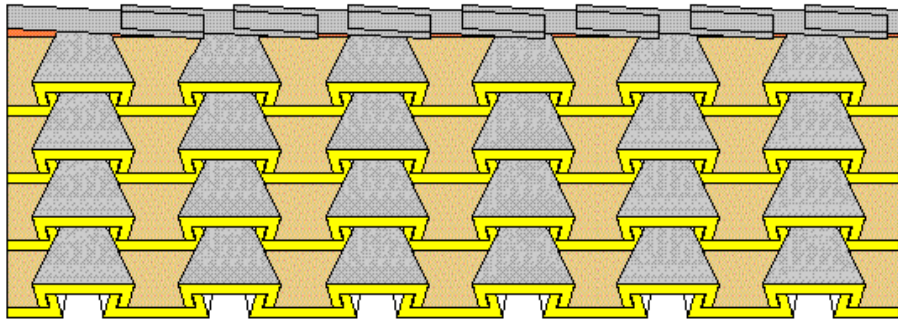




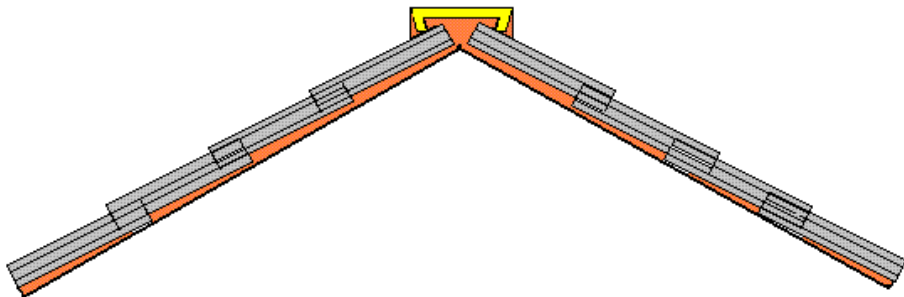
In the following ones we can see the assembly of the one of double level.  
In this example, the inferior roof tile I is of more width than the superior one S, although they can be equal.



**Andalusian roof tile**    **Teja andaluza**  
*ferman*



Vistas frontales y laterales



# Teja andaluza - Andalusian roof tile

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Moldes y tejas T

Moulds and roof tiles T

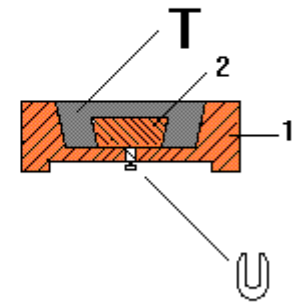
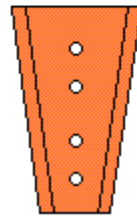
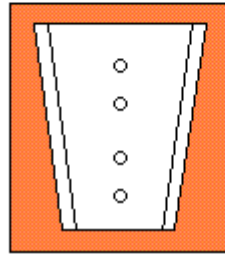
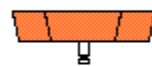
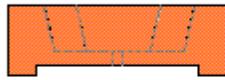


Fig. 3

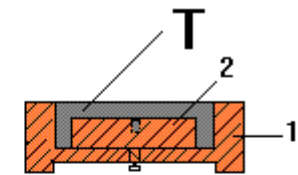
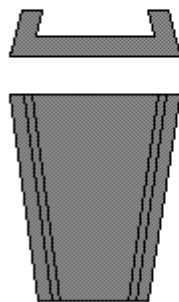


Fig. 1

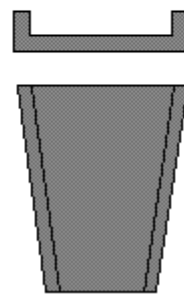
Fig. 2

Biselada

recta



T<sub>s</sub>



Superior

