

'Hanasaki-RAKUDA': Planter for Irrigating Potted Plant®

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INTRODUCTION

Hanasaki-RAKUDA (In Japanese, 'hana saku raku da' means that it is easy to bloom flowers) is a planter for irrigating potted plant (JPN Patent Publication No.06-022650), which was developed to obtain a planter capable of simply inserting and exchanging a water-absorbing material for irrigation, surely leading rainwater, etc., into the planter body and minimizing the growth of various microorganisms and algae in the planter body. Almost 20 years ago, Sato was a member of developmental team of 'Hanasaki-RAKUDA', and Hayashi has been involved in sales of this item for long time. Now, our company, Hanakaido Inc., continues to cooperate in both the sales and technological support of 'Hanasaki-RAKUDA'.

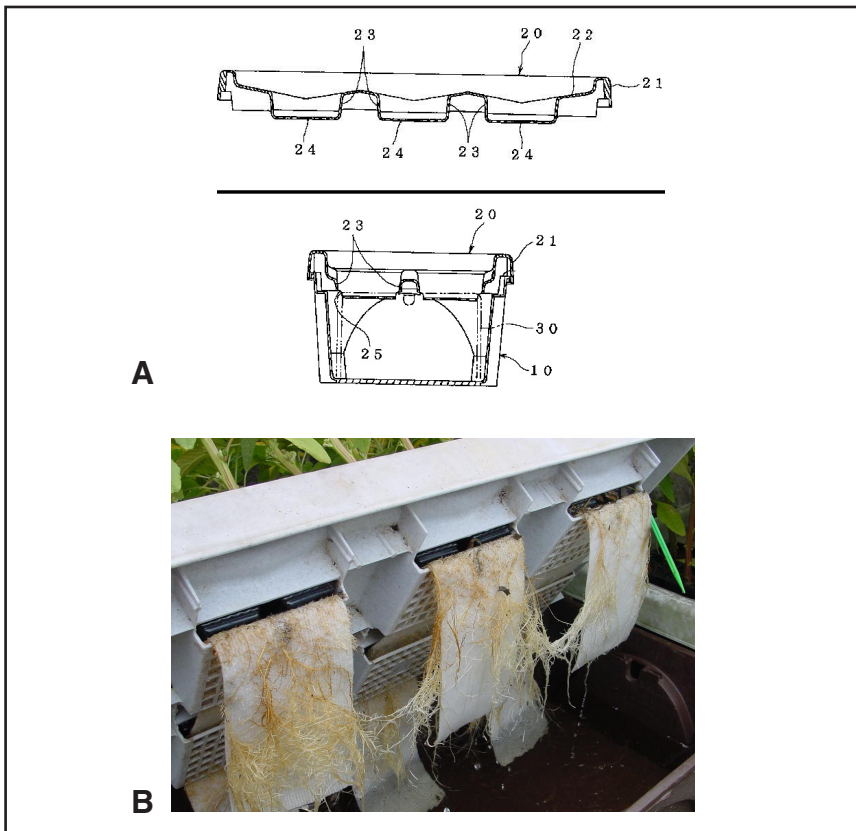


Figure 1. Constitution of 'Hanasaki-RAKUDA'. (A) Cross section in the upper part (upper part) and cross sectional side view (lower part) of 'Hanasaki-RAKUDA'. Original picture was quoted from the JPN Patent Publication No.06-022650 and (B) Inside of 'Hanasaki-RAKUDA', appearance of root.



Figure 2. Flower displays of 'Hanasaki-RAKUDA' on roadside. (A) In front of the Japan Railway Niigata Station south exit (Niigata prefecture) and (B) Toyota city, Aichi prefecture.

BASIC CONSTRUCTION OF HANASAKI-RAKUDA PLANTER

The planter (Fig. 1) is constructed by forming partition walls #23 in the vertical directions between the top board #22 of a lid body #20 and respective flower pot carrying parts #24, lowering the position of the respective flower pot carrying parts #24 from the top board #22, carrying out the shielding of light to the planter body #10 with the top board #22, the respective flower pot carrying parts #24 and respective partition walls #23, simultaneously forming the top surface of the top board #22 of the lid body #20 into a slope nearly directing to the side of the respective flowerpot carrying parts #24 and forming inserting holes #25 for inserting a water-absorbing material #30 in a part of the respective partition walls #23.

Hanasaki-RAKUDA is especially useful for "flower arrangement" on roadsides because it is easy to maintain flowering plants for a long time with water contained in the reservoir (Fig. 2). You will be able to find Hanasaki RAKUDA in many service stations on expressways in Japan because both Central Nippon Expressway Company Limited and West Nippon Expressway Company Limited are using Hanasaki-RAKUDA for landscaping item (Fig. 3).



Figure 3. Flower displays of Hanasaki-RAKUDA in front of service stations on expressway in Japan (Area in Shizuoka prefecture). (A) Makinohara service area and (B) Ashigara service area.