## MIKI NEW HARDWARE CONTEST 2021 Award product Description

Prize	The product	The pruduct picture	Use	Fe
�Gold Prize♥	The winner CLEANING SCRAPER FOR SIROCCOFAN/ FOR RANGHOODGROOVE IMOTO HAMONO CO.,LTD.	peture	Cleaning scraper dedicated for use with kitchen range hoods	<ol> <li>By giving the blade a shape that matches the curved peasily be used to remove grease.</li> <li>In order to make it easier to remove grease that has but</li> </ol>
	Judge's comment		Cleaning kitchen exhaust fans can be a most tedious task, and it is quite common for people to hire house of has performed such cleaning work on their own, if they take one look at this product, we believe they will a designers of this product earned particular distinction for carefully identifying the hidden needs found in or on user feedback.	
MIKI NEW HARDWARE Prize ☆Special Award for Design☆	STEEL HANDLE PICKAXE	1	For digging work for gardening/agricultural/water pipe/construction work, etc.	<ol> <li>The head portion is composed of forged materials and i digging work.</li> <li>The handle of this product makes use of a durable stee</li> <li>This product is offered as part of a 2-size lineup that al</li> <li>It has a rubber grip that is comfortable to the touch an</li> </ol>
	Judge's comment		By replacing the conventionally used wooden handle with a steel shaft, and by redesigning the rubber grip product has been imparted with a uniform external appearance. Additionally, this product has earned recog for the fact that it can be used in a wide range of applications outside of construction and civil engineering,	
	RAZORSAW RESCUE	RESCUE	For lifesaving work during disasters (rescuing people from wooden houses)	<ol> <li>This product allows for safe work to cut openings in we that emit sparks cannot be used.</li> <li>By making the tip of its blade thin, this product has be sections with small holes.</li> <li>By using a thin blade for the tip of the product, continued at the section of the product of the product.</li> </ol>
	Gyokucho Industry Co.,Ltd.			caught. 4) The blade can be manually replaced (no tools necessary
	Judge's comment		This saw has been developed for performing work to cut openings in wooden floor surfaces with the aim of houses that have collapsed due to disasters. This product is truly a tool that can prove to be indispensable is there is a great need to ensure safety and peace of mind, the conceptual design for this product that aims to	
	Both Handed Knife		Cutting blade for leather-craft work	<ol> <li>High-speed steel is used for this product, making it resizes</li> <li>By designing it with a slightly acute blade edge angle of has been eliminated.</li> <li>"Both handed" refers to the fact that this product has bregardless of the user's dominant hand.</li> <li>"Smoked oak" is used for the handle, and the color and</li> </ol>
	MICHIHAMONO INDUSTRIAL Co.,Ltd.			
	Judge's comment		This product is a "leather cutting knife" that can be used by both right-handed and left-handed people. This which makes it accessible to be used by anyone. Due to its simple form, this product gives the user a greate product is sure to give leather-craft enthusiasts a wider range of options to choose from.	

Features

portions of sirocco fans, it has been designed so that it can

built up in the folded grooves found within range hoods (which een designed with key-shaped blades that allow grease to be

des composed of stainless-steel materials that are resistant to

e cleaning services to take care of such work. For anyone who ll ask "why hadn't anyone thought of this before?" The n our everyday lives, and by developing a viable product based

d it is designed with a shape that is specifically suited for

teel shaft design. t allows users to select their desired size. and prevents slipping even when covered in water or mud.

rip and forged head to further improve its functionality, this ecognition not only for its basic functional performance, but also ng, such as in gardening and agricultural work as well.

wooden floor surfaces even in situations where electrical tools

been designed so that cutting work can be started even from

inued cutting can be performed without the blade getting

ary).

of being used in "rescue or lifesaving" situations involving le in the most "critical of moments." In today's world where s to meet this societal need enabled it to earn high praise.

resistant to damage caused by cutting mats. le of 88 degrees instead of 90 degrees, resistance during cutting

s been designed for ambidextrous use. It can be used

nd weight of this product give it a sturdy look and feel.

This product earned recognition for its "Universal Design," ater degree of freedom in how it can be gripped and used. This

## MIKI NEW HARDWARE CONTEST 2021 Award product Description

Prize	The product The winner	The pruduct picture	Use	Fe
MIKI NEW HARDWARE Prize	Kyokumen siage trowel (for big R,small R)		For finishing work for wall corners and plaster worked curved surfaces	<ol> <li>This product can be used not only for surfaces with spessurfaces as well.</li> <li>This product breaks away from traditional designs tha</li> <li>This product is the first of its kind in the industry offer working with large curved sections, and another tool is us through the rubber parts so that they can bend the trower</li> </ol>
	IOROI SEISAKUSHO CO,LTD			curved sections.(Patent pending) 4) By providing 2 separate tools that can be selected dependence sections, this product provides users with superior worka
	BIG POWER SERIES		Plastering trowel that can be used to handle a	<ol> <li>Unlike conventional products, these trowels have been quality and reduced cost.</li> <li>The first level metal backing has been given sufficient</li> <li>Smooth bending is made possible by designing the second</li> </ol>
	IOROI SEISAKUSHO CO,LTD			<ul><li>the trowel plate.</li><li>4) By making the metallic portion of the metal backing vi that accentuates its 3-dimensional thickness, giving it a s</li></ul>
	KAGUNURI Meister		Spreading work for plastering materials that can even be used on furniture, etc.	<ol> <li>Unlike the typical design used for conventional angula edges are slightly rounded off to ensure workability while marks.</li> <li>This product strikes an ideal balance in terms of lengt and the work surface plate.</li> </ol>
	IOROI SEISAKUSHO CO,LTD			<ul> <li>a) This plastering trowel is the first of its kind that is spe be used in a variety of locations, as seen in such material</li> <li>4) By scanning the affixed QR code, users can view videos</li> </ul>
	AQUA RECYCLE		Water circulation system for wall perforation work using water for waterproofing construction work, etc.	<ol> <li>Uses water to perforate holes and to moisturize and proby employing a circulating water system, this product recent environment.</li> <li>By using the indicator on the positioning mechanism, the possible to perforate holes at the required depth.</li> <li>This product requires minimal assembly and has a complexity of the product requires minimal asse</li></ol>
	MIYANAGA CO.,LTD.			

Features

pecific angles, but for work performed on a variety of curved

that use only a single type of handle for plastering trowels. ffering 2 separate designs where a 2-handled tool is used when s used where the user passes their index finger and thumb wel itself to make fine adjustments when working on small

epending on whether they are working on large or small curved kability in the field.

een designed with a 2-level metal backing that provides reliable

ent thickness and width for improved durability. econd level backing plate thickness to match the thickness of

g visible, this product has been designed with an appearance a sturdy and robust look.

ular trowels, this product has a design where its top/bottom hile maintaining a shape to prevent the occurrence of trowel

igth and width of the metal backing, its adjacent backing plate,

specifically designed for use with plastering materials that can ials used overseas.

eos to learn how to use the product in advance.

prevent the scattering of perforation debris. reuses water to improve work efficiency and to protect the

n, the user can easily check perforated hole depth, making it

compact design that makes it easily portable.