(54) Title of the invention : AI-POWERED INTERACTIVE KITCHEN WORKTABLE FOR REAL-TIME RECIPE ASSISTANCE

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(57) Abstract :
The present invention discloses an AI-powered kitchen worktable designed to provide real-time recipe assistance for culinary education and professional kitchen use. The worktable is equipped with an integrated digital screen that displays recipe instructions, including ingredients, preparation techniques, and cooking times. An AI-driven voice assistance module offers hands-free audio walkthroughs, allowing users to follow recipes efficiently. The system features a control unit that synchronizes visual and audio outputs, ensuring seamless operation. Additional functionalities include touch-enabled screens, cloud-based recipe updates, motion sensors for optimal screen visibility, and customizable language support. The worktable enhances the learning experience for hotel management students and improves workflow in professional kitchens, combining real-time guidance with an interactive, user-friendly design.

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