

US PATENT 12,014,409 B2 [JP;6793301](#)

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# Health-Related Countermeasure Information System

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## ■ Patent Summary:

Converts weather data into personalized health information and displays it on a smartphone. Recommends appropriate health products.

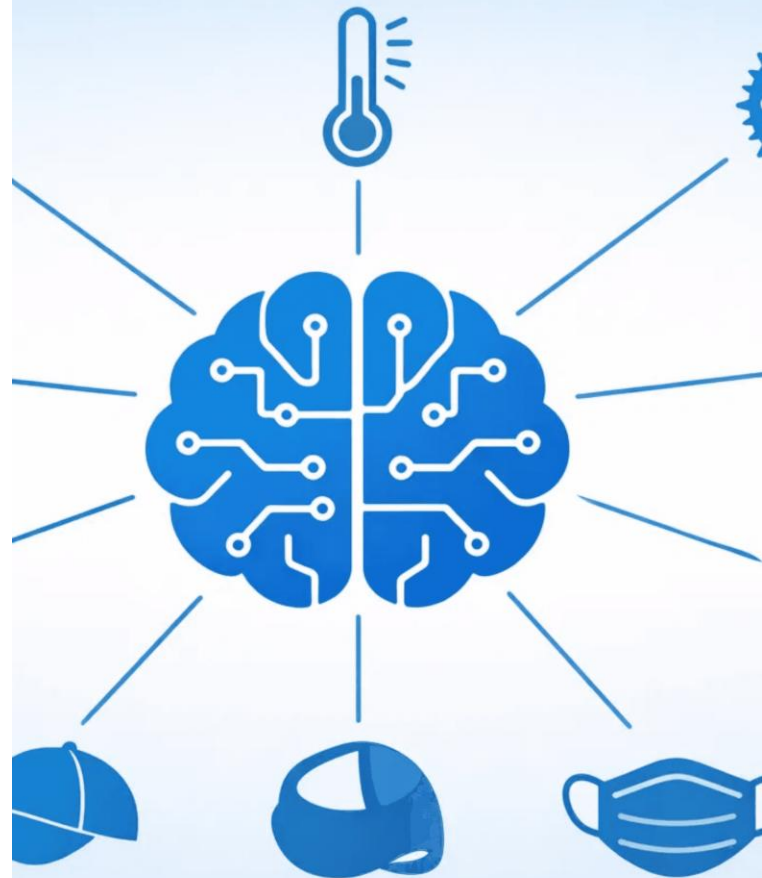
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Inventor: CEO Toyohiro Kobayashi

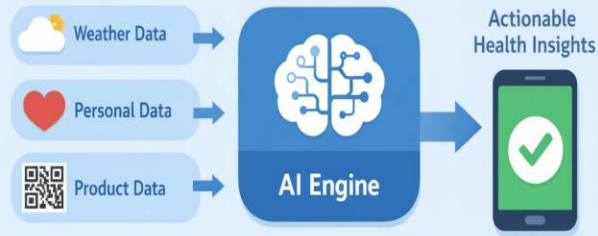
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# The World's First Integrated Engine for Personalized Health Protection

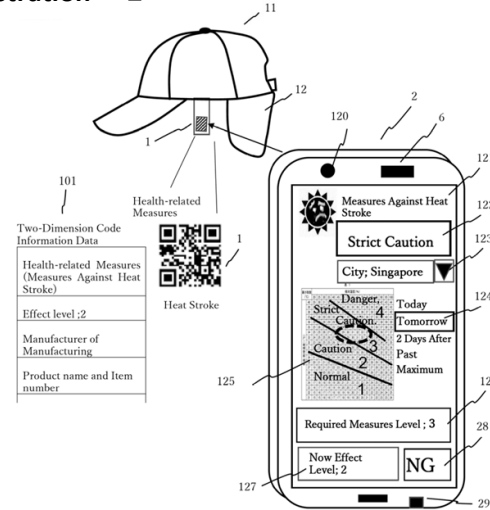
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**Patent illustration 1**



## Core Value

A unique patented system that integrates Weather Forecasts, Personal Activity, and Product Effectiveness.

## Unique Edge

The only solution that calculates real-time "Required Countermeasure Levels" based on individual needs.

## Target Industries

High-value integration for Wearables, Weather Data Providers, Retail, and Insurance.

## Current Solutions Fail to Provide Actionable Health Countermeasures

### The Gap

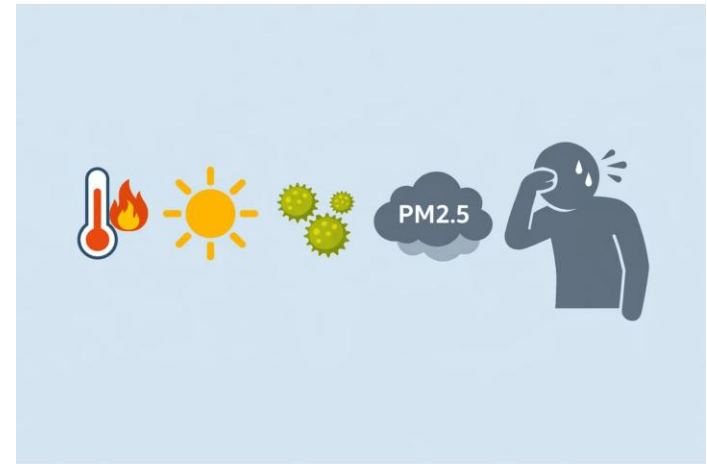
Existing apps provide alerts (e.g., "High UV") but don't tell users **which** product provides sufficient protection.

### Increasing Risks

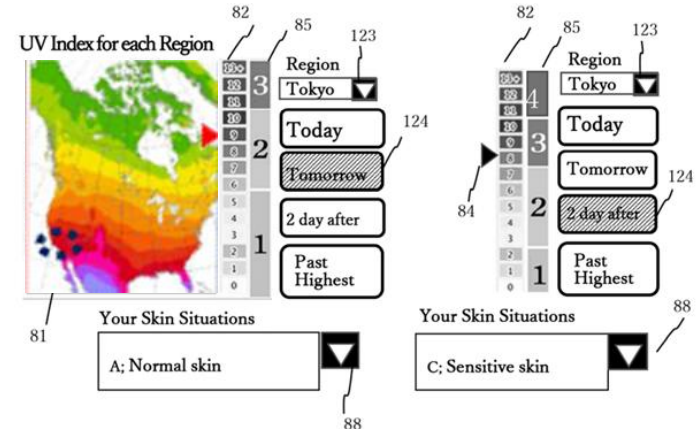
Heatstroke, UV damage, pollen allergies, and PM2.5 are growing global health concerns requiring precise management.

### Missing Link

No system integrates real-time personal condition with the specific protective rating of products until now.



Patent illustration 2



## Patented Logic for Calculating Precise Countermeasure Levels

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01

### Product Data

Retrieve **Product Effectiveness Levels** via 2D codes. This allows the system to know the exact protective rating of items like cooling vests, UV hats, or masks.

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02

### Weather Data

Integrate real-time **Environmental Forecasts** including Heat Index, UV Intensity, Pollen Counts, and PM2.5 levels for the user's specific location.

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03

### Personal Data

Collect **Individual Condition Data** such as activity levels, heart rate, and body temperature to understand the user's current physiological state.

# AI-Driven Suitability Judgment and Product Recommendations

## The Engine

AI calculates the "Required Countermeasure Level" by processing environmental and personal data in real-time.

## Judgment

Automatically compares the required level with the current product's protective rating retrieved via 2D code.

## Outcome

Provides immediate "OK/NG" status and recommends additional products if current protection is insufficient.

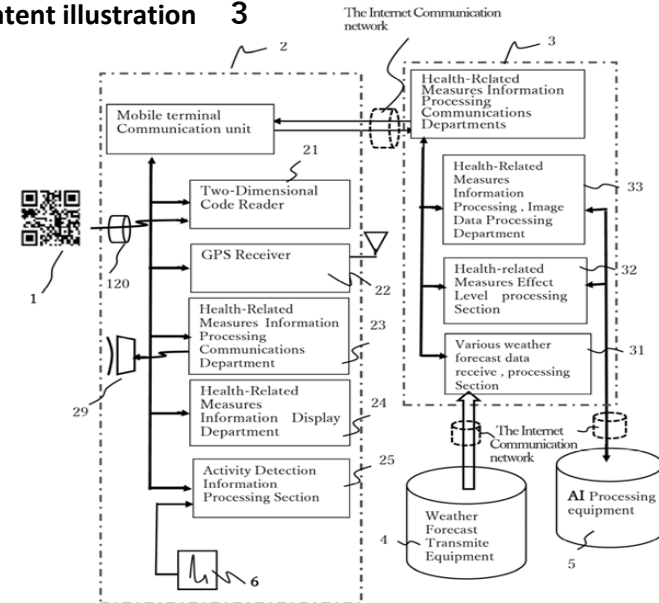
## AI JUDGMENT PROCESS



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## Patent illustration 3



# A Multi-Billion Dollar Bridge Between Climate and Commerce

## Patent illustration 4



**\$60B**



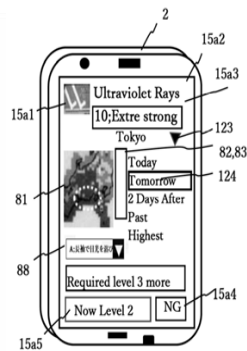
**\$2B**



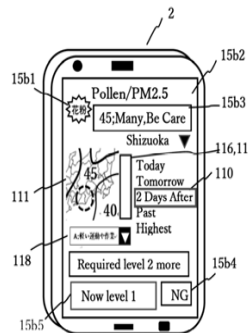
**\$30B**



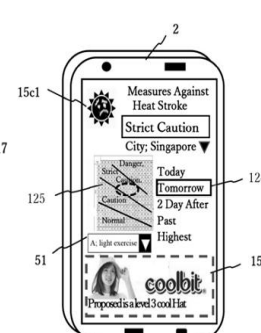
**\$100B+**



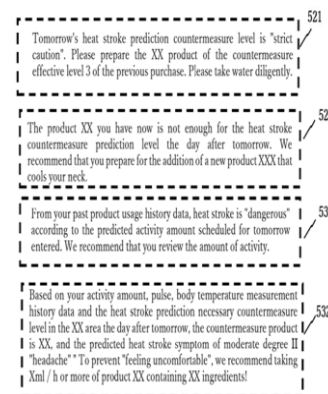
UV rays



pollen



heat stroke



## Wearables

Enhancing health prediction accuracy for the **\$60B** global market.

## Weather Data

New monetization models for the **\$2B** weather data industry.

## Personalized Ads

Direct link from weather risk to product sales in a **\$30B** market.

## Health Prevention

Reducing medical costs in the **\$100B+** prevention sector.

# Strategic Value Across Multiple Global Industries

## Wearables

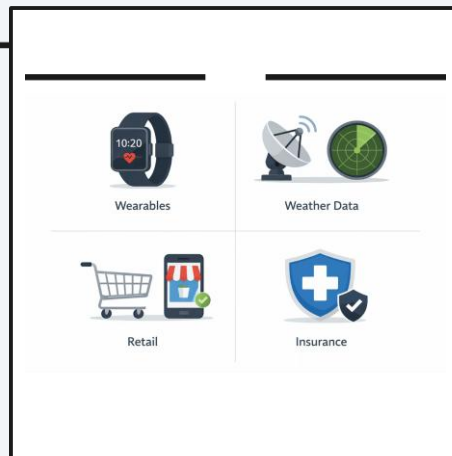
Apple, Fitbit, and Garmin can integrate patented logic to transform sensors into life-saving health predictors.

## Weather Data

IBM and AccuWeather can transition from "Information Provider" to "Health Solution Provider."

## Retail

Walmart and Amazon can drive sales through hyper-personalized, weather-triggered recommendations.



## manufacturers

Manufacturers of products for heat, heatstroke, UV protection, cold weather, pollen, and allergies can use the product's 2D code to provide recommendations tailored to weather forecasts.

## The partnership we want to offer

Example of our use in Japan: <https://wahma.jp>

Example ; Recommended product banner area



### Exclusive License

Secure market leadership with full control over the patented technology in your territory.

### Non-Exclusive License

Enable broad industry adoption and integration into existing product ecosystems.

### Patent Sale

Full transfer of US Patent 12,014,409 B2 for long-term strategic asset management.

### API Integration

Deploy patented logic via cloud-based API services.

### Key Advantage:

The Licensor has no obligation for software development or system implementation. Licensees gain direct access to the patented logic for their own development.



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### Contact Information

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