

# US Patent & Trademark Office

## Patent Public Search | Text View

---

United States Design Patent	D1088201
Kind Code	S
Date of Patent	August 12, 2025
Inventor(s)	Sim; Jae Gun

---

### Radiator for heating

---

**Inventors:** Sim; Jae Gun (Suwon-si, KR)

**Applicant:** GRAPHENE SQUARE INC. (Seoul, KR)

**(\*\*) Term:** 15 Years      **Appl. No.:**

35/520920

**Filed:**

May 15, 2023

### Foreign Application Priority Data

KR	30-2022-0047249	Nov. 15, 2022
----	-----------------	---------------

### Hague Agreement Data

**Int. Filing Date:** May. 15, 2023

**Int. Reg. No.:** DM/231882

**Int. Reg. Date:** May. 15, 2023

**Int. Reg. Pub. Date:** May. 17, 2024

### Publication Classification

**LOC Cl.:** 2303

**U.S. Cl.:**

USPC      D23/330

### Field of Classification Search

**CPC:** F24H (3/002); F24H (9/2071); F24H (2250/00); F24H (9/0052); F24H (9/0057); F24H (9/02); F24H (9/1863); F24H (9/1854); F24H (9/1872); F24H (3/0411); F24H (3/0417); F24H (2240/00); F24H (3/022)

**USPC:** D23/314; D23/317; D23/329; D23/330; D23/332; D23/333; D23/334; D23/335;  
D23/336; D23/337; D23/338; D23/339; D23/340

---

## Description

- (1) 1. Radiator for heating
- (2) **1.1** : Perspective
- (3) **1.2** : Front
- (4) **1.3** : Back
- (5) **1.4** : Top
- (6) **1.5** : Bottom
- (7) **1.6** : Left
- (8) **1.7** : Right
- (9) **1.8** : Reference
- (10) 1. The present design is related with a radiator. 2. The main body has a three-stage folding structure and can be used by folding or unfolding to facilitate movement, storage and use. 3. FIGS. **1.1** to **1.7** is a perspective, front, rear, top, bottom, left and right view of the present design, respectively. 4. FIG. **1.8** shows the use state of the present design in unfolded state, in which the transparent heating unit consists of transparent material.

## Claims

The ornamental design for a radiator for heating as shown and described.

---