



US00D890345S

(12) **United States Design Patent** (10) **Patent No.:** **US D890,345 S**  
**Mathers** (45) **Date of Patent:** **\*\* Jul. 14, 2020**

(54) **ILLUMINATION AND IMAGING INSTRUMENT**  
(71) Applicant: **LIFE TECHNOLOGIES CORPORATION**, Carlsbad, CA (US)  
(72) Inventor: **Xin Mathers**, Poway, CA (US)  
(73) Assignee: **LIFE TECHNOLOGIES CORPORATION**, Carlsbad, CA (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/669,949**  
(22) Filed: **Nov. 13, 2018**

D693,469 S 11/2013 Chung et al.  
D717,968 S 11/2014 Klein et al.  
D731,673 S \* 6/2015 Klein ..... D24/232  
D733,917 S \* 7/2015 Klein ..... D24/232  
D775,365 S \* 12/2016 Mathers ..... D24/232  
D825,773 S \* 8/2018 Wan ..... D24/216  
D827,859 S \* 9/2018 Mathers ..... D24/232  
D828,575 S \* 9/2018 Ohno ..... D24/216  
D834,724 S \* 11/2018 Mathers ..... D24/232  
2010/0124766 A1 \* 5/2010 Ng ..... B01L 7/52  
435/91.2  
2015/0253345 A1 9/2015 Lee et al.  
2016/0228875 A1 \* 8/2016 Toh ..... B01L 7/52  
2016/0228876 A1 \* 8/2016 Chu ..... C12Q 1/6806  
2016/0361719 A1 \* 12/2016 Courtney ..... B01L 3/50851  
2017/0072398 A1 \* 3/2017 Boo ..... B01L 7/52  
2018/0120575 A1 \* 5/2018 Chen ..... G01N 21/6456

**Related U.S. Application Data**

(62) Division of application No. 29/581,075, filed on Oct. 14, 2016, now Pat. No. Des. 834,724.  
(51) **LOC (12) Cl.** ..... **24-01**  
(52) **U.S. Cl.**  
USPC ..... **D24/158**  
(58) **Field of Classification Search**  
USPC ..... D24/107, 185, 186, 216, 231-234;  
D10/81  
CPC ..... G01N 2035/00306; G01N 2035/00366;  
G01N 21/6428; G01N 21/645; G01N  
2201/068; C12Q 1/686; B01L 7/52  
See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

D556,914 S 12/2007 Okamoto et al.  
D688,804 S 8/2013 Kim et al.

**FOREIGN PATENT DOCUMENTS**

EM 003855386-0002 \* 7/2017

\* cited by examiner

*Primary Examiner* — Anhdao Doan

(57) **CLAIM**

The ornamental design for an illumination and imaging instrument, as shown and described.

**DESCRIPTION**

The sole FIGURE is a perspective view of an illumination and imaging instrument of our new design. The broken lines are for the purpose of illustrating portions of the illumination and imaging instrument that form no part of the claimed design; the broken lines form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



