

FISCAL YEAR 2024

INNOVATION ACTIVITY

# Technology Transfer & Commercialization

We help university researchers protect their intellectual property, evaluate its commercial potential and license these novel technologies to industry to produce products.

21

## INVENTION DISCLOSURES

New technologies are reported to the technology transfer office for evaluation, intellectual property protection and licensing.

161  
TOTAL STATS

40

## INVENTORS

Inventions often involve multiple researchers from across the university's departments, colleges and campuses.

216  
TOTAL STATS

7

## PATENT APPLICATIONS

If the invention is eligible for patent protection, a patent application is filed with the U.S. Patent and Trademark Office (USPTO).

64  
TOTAL STATS

2

## U.S. ISSUED PATENTS

To see all of Embry-Riddle's patents, check out the *Inventing Tomorrow* wall located in the Student Union — Daytona Beach campus.

21  
TOTAL STATS

7

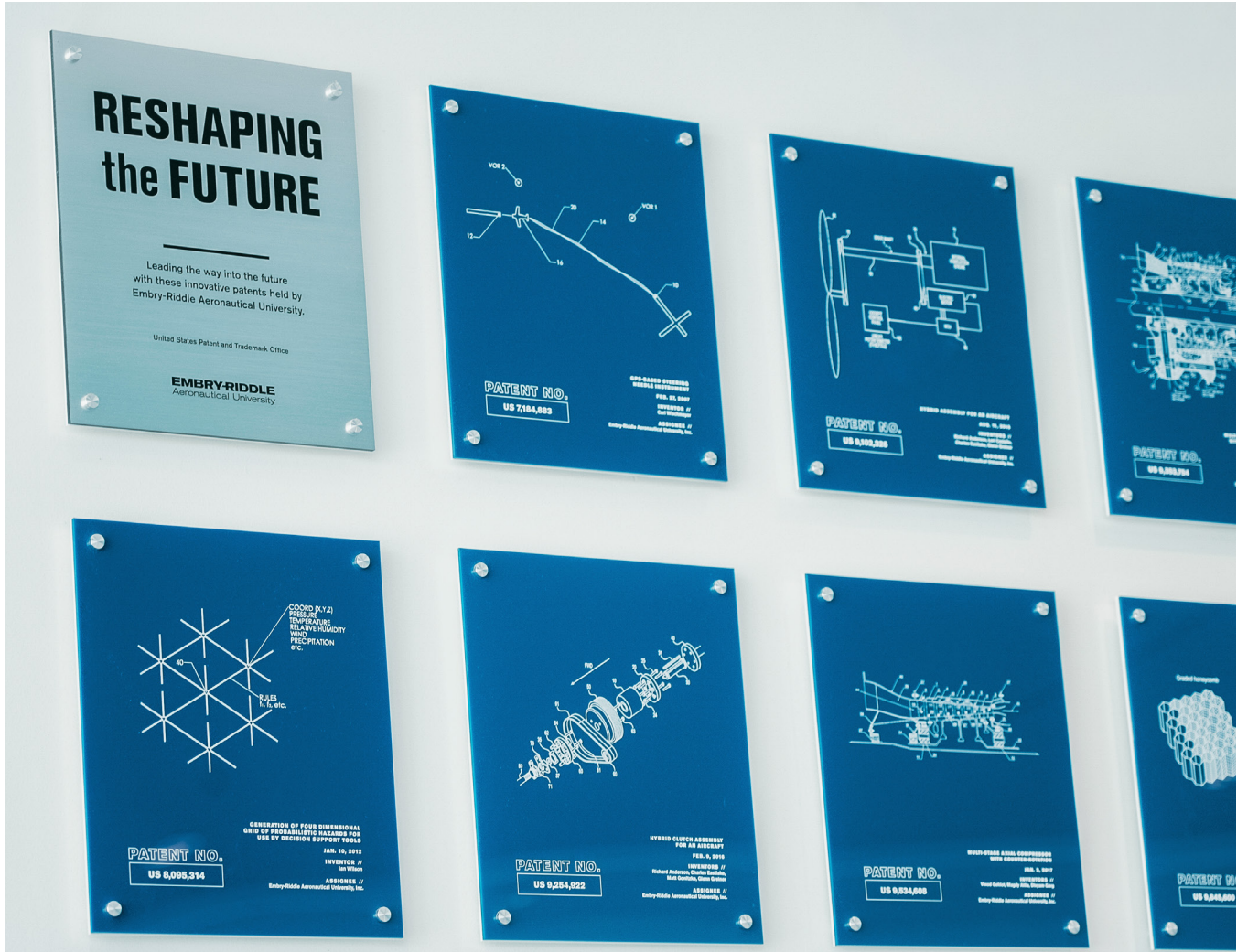
## DEPARTMENTS

Research in departments from all three campuses are creating new, innovative technologies every day.

28  
TOTAL STATS

# ISSUED PATENTS

View Embry-Riddle's issued patents on the *Invention Tomorrow* display, Student Union, 3<sup>rd</sup> floor, or through our digital patent collection at [erau.edu/research-and-innovation/technology-transfer/patents](http://erau.edu/research-and-innovation/technology-transfer/patents).



# PENDING PATENT APPLICATIONS\*

- ▶ **U.S. 2023/0397832** Electromagnetic vascular flow sensor and measurement technique | Eduardo Divo, Arka Das, Anthony Nunez
- ▶ **U.S. 2023/0234292** Additively manufactured engineered fingerprint (AMEF) antenna and related detection | Eduardo Rojas, Noemi Miguelez
- ▶ **U.S. 2024/0169113** Stiffness and strength-based concurrent shape and fiber path optimization of continuous fiber composites | Ali Tamijani, Zhelong He
- ▶ **U.S. 2024/0126947** Strength and stiffness optimization of coated structures with lattice infill | Ali Tamijani, Zhichao Wang

\*Patent applications that have not yet published for public inspection are not listed here