

MARSHALL JONES INVENTOR OF THE INDUSTRIAL LASER

Industrial lasers emit precise, high-energy light and have helped shape our world in more ways than one. From cutting and welding machine parts in a factory, to surgery that improves our vision, to scanning DVDs and unlocking their stored data, lasers are paving the way for future innovation.

BARCODE KEY

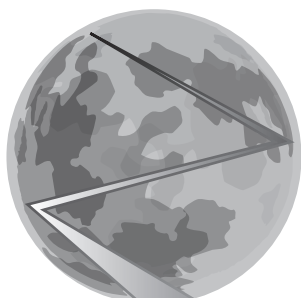
Match the letters with the corresponding number in the barcode below.

A = 1 B = 2 C = 3
D = 4 E = 5 F = 6
G = 7 H = 8 I = 9
J = 10 K = 11 L = 12
M = 13 N = 14 O = 15
P = 16 Q = 17 R = 18
S = 19 T = 20 U = 21
V = 22 W = 23 X = 24
Y = 25 Z = 26



Can you decode the barcode to reveal Marshall Jones's hidden message?
(Answer on Back)

MOON BEAM



Did you know astronauts put mirrors on the moon? Back on Earth, scientists bounce lasers off the mirrors to calculate the distance to the moon and gather data on the ocean's tides.

What might you invent to explore the moon and beyond?

STRAIGHT TO THE POINT

Did you know Industrial Lasers have been used to:

Weld metals together



Cut through titanium and steel



Move microscopic particles with an optical tweezer



Read bar codes





The Industrial Laser has just cut out an amazing _____
[Fill in the blank]
 that is going to be used to _____
[Fill in the blank] Sketch your invention here!



Barcode Answer:

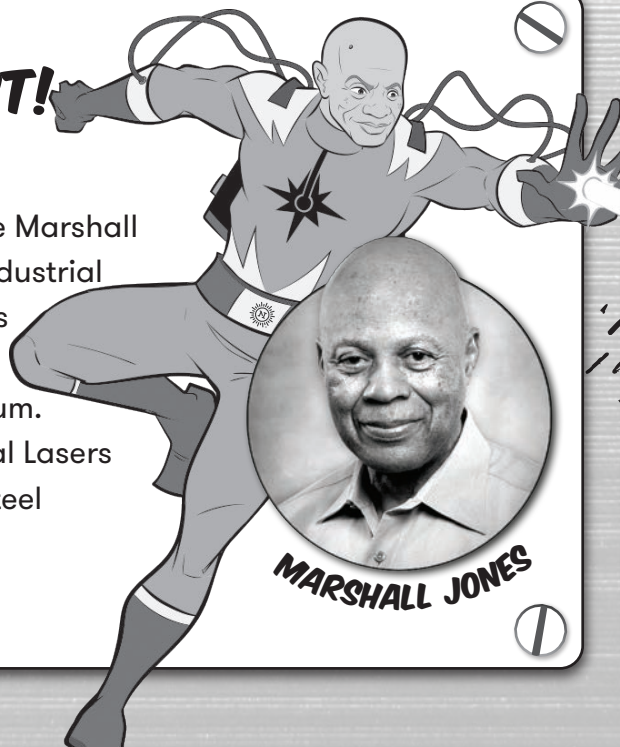
"NEVER GIVE UP"



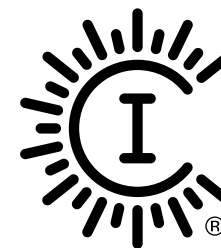
A CUT ABOVE THE REST!

Lasers use light in powerful ways.

National Inventors Hall of Fame Inductee Marshall Jones invented new methods of using Industrial Lasers. Thanks to Jones, Industrial Lasers can be used to weld different types of metals together, like copper and aluminum. His research also led to making Industrial Lasers so powerful that they can cut through steel and titanium!



MARSHALL JONES



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