MATH, SCIENCE AND LOGIC PUZZLES
FOR THE 'ENGINERD' IN ALL OF US
ANSWERS AVAILABLE ONLINE AT WWW.MWJOURNAL.COM

Find the missing letter and then use that letter in the appropriate blank space to fill out the villain's name.

IDENTIFY THE BOND VILLAIN AND SAVE HIS LIFE

ANSWER: **G O L D F I N G E R**

CLUES:

$$Pd = \frac{P_t}{4\pi \, \underline{R}^2}$$

$$\underline{O}e = \frac{1000 \text{ amps}}{4\pi \text{ meters}}$$

$$V = \underline{I}\,R$$

$$\nabla \times H = J_f + \frac{\partial \underline{D}}{\partial t}$$

$$ERP = Pt \, \underline{G} \, t$$

$$PA\,\underline{E} = 100 \frac{\left\{ \left[P_{out}\right]_{RF} - \left[P_{in}\right]_{RF} \right\}}{\left[P_{DC}\right]_{total}}$$

$$\underline{N}F = 10 \log\left(\frac{SNR_{in}}{SNR_{out}}\right)$$

$$\underline{G} = 10 \log\left(\frac{P_{out}}{P_{in}}\right) dB$$

$$\underline{L} = \frac{V}{d\Psi / dt}$$

$$\omega = 2\pi \, \underline{F}$$