

# CIVIL ENGINEERING & PATENT LAW

## Top Innovators in Structural Engineering

RANK	ENTERPRISE
1	VALINGE INNOVATION AB
2	USG INTERIORS, INC.
3	UNILIN BEHEER BV, BESLOTEN
4	CERTAINTED CORP.
5	SIMPSON STRONG-TIE COMPANY, INC.
6	TAPCO INTERNATIONAL CORPORATION
7	CATERPILLAR INC.
	RITE-HITE HOLDING CORPORATION
8	PERGO AG
9	MASONITE CORPORATION
10	SOMERO ENTERPRISES, INC.
11	MITEK HOLDING, INC.
12	THE STEEL NETWORK, INC.
13	NICHIHA CO., LTD.
14	NIPPON STEEL CORP.
	WORTHINGTON ARMSTRONG VENTURE
15	LIFT-U, DIVISION OF HOGAN MFG., INC.
	BOEING COMPANY
	GENERAL ELECTRIC COMPANY
	SAINT-GOBAIN GLASS FRANCE
	TRAFFIX DEVICES, INC.
16	4FRONT ENGINEERED SOLUTIONS, INC.
	DEW ENGINEERING AND DEVELOPMENT
	EXTECH/EXTERIOR TECHNOLOGIES, INC.
17	FLOORING INDUSTRIES, LTD.
	HAWORTH, INC.
	HUBER ENGINEERED WOODS LLC
	OMNITEK PARTNERS, LLC
	OWENS CORNING INTELLECTUAL CAPITAL
	PPG INDUSTRIES OHIO INC.
	SHAW & SONS INC.
	VKR HOLDING A/S
18	BUILDING MATERIALS INVESTMENT
	DIETRICH INDUSTRIES, INC.
	WIRTGEN GMBH

RANK	ENTERPRISE	
19	AIRBUS DEUTSCHLAND GMBH	
	CHICAGO METALLIC CORPORATION	
	ENGINEERED ARRESTING SYSTEMS	
	JOSEPH VOGELE AG	
	LITHOCRETE, INC.	
	METAL ERA, INC.	
	SOLATUBE INTERNATIONAL, INC.	
	SPECIFIED TECHNOLOGIES INC.	
	VESTAS WIND SYSTEMS A/S	
	20	CONNOR SPORT COURT INTERNATIONAL,
HILL-ROM SERVICES, INC.		
ILLINOIS TOOL WORKS INC.		
JOHNS MANVILLE		
KAINDL FLOORING GMBH		
NUCON STEEL CORPORATION		
RENSCIENCE IP HOLDINGS INC.		
SME STEEL CONTRACTORS, INC.		
21		AWI LICENSING COMPANY
		CEMCO--CALIFORNIA EXPANDED METAL
	COMPOSITE PANEL SYSTEMS, LLC	
	DAVINCI ITALIA/USA GROUP, LLC	
	DIRTT ENVIRONMENTAL SOLUTIONS LTD.	
	E. I. DU PONT DE NEMOURS AND COMPANY	
	EADS DEUTSCHLAND GMBH	
	ENERGY ABSORPTION SYSTEMS, INC.	
	(EPOCH COMPOSITE PRODUCTS, INC.)	
	FIELDTURF TARKETT INC.	
	GUNTERT & ZIMMERMAN CONSTRUCTION	
	HAYES SPECIALTY MACHINING, LTD.	
	HERMANN FRIEDRICH KUNNE GMBH & CO.	
	JAMES HARDIE INTERNATIONAL	
	JELD-WEN, INC.	
	LG CHEMICAL LTD.	
	MILGARD MANUFACTURING, INC.	
	MORTON BUILDINGS, INC.	
	NOVA CHEMICALS INC.	
	OFF THE WALL PRODUCTS LLC	
PARK LANE CONSERVATORIES LTD.		
PROGRESSIVE FOAM TECHNOLOGIES, INC.		
QUANEX CORPORATION		
VOLVO CONSTRUCTION EQUIPMENT		
W. R. GRACE & CO.-CONN.		
ZURN INDUSTRIES, LLC.		

*Based on number of total number of U.S. patents issued to Civil Engineering organizations from 2007-2011, per USPTO statistics for USPTO classifications 014 (Bridges), 052 (Static Structures e.g., Buildings), and 404 (Road Structure, Process, or Apparatus) © 2012 by Stephen L. Keeffe*