

ROBERT M. KIMMEL, Sc. D.
ASSOCIATE PROFESSOR OF PACKAGING SCIENCE
CHAIR, Department of Packaging Science
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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
1968 **Sc. D.** in Materials Engineering
Dissertation: Effects of High Pressure on Amorphous Polymers
1967 **Materials Engineer**
1965 **M. S.** (unspecified) Concentrations in polymer science, textile technology
Thesis: Birefringence and Orientation States in Polyacrylonitrile
1964 **B. S.** in Materials Engineering
Thesis: Temperature Dependence of Birefringence Effects in Acrylonitrile Polymers

UNIVERSITY AND TEACHING EXPERIENCE

1999 – present **Clemson University**, Clemson, SC
2007 -- present **Chair, Department of Packaging Science**
2004 – present **Director, Center for Flexible Packaging**
Associate Professor (tenured 2005): Co-founder and director of Clemson Center for Flexible Packaging. Developed and teach Packaging Science capstone course "Package Design and Development"; developed core undergraduate/graduate courses "Converting for Flexible Packaging" (includes coating, laminating and adhesives technologies) and "Applications of Polymers in Packaging"; developed and taught 800 level graduate courses "Flexible Packaging," "Semi-rigid Packaging." Short courses: "Materials for Confectionary Packaging," "Understanding Plastics Packaging," "Analyzing Plastics Patents."
Research: Effects of norbornene and octene content on the properties of LLDPE/COC blends as heat seal layers; Gelatin as an active layer in multi-layer packages; Unique barrier films using "Smart Blending "chaotic advection; Adaptation of materials characterization techniques to collaborative discovery-based learning in the undergraduate Packaging Science curriculum.
1999 Food Packaging Design Conference, Orlando, FL, Lecturer
1978 Celanese Chemical Group Middle Management Development Program, Lecturer
1973 NSF Summer Institute for College Teachers on Applied Polymer Science, Cleveland, Lecturer
1967 **Massachusetts Institute of Technology**
Teaching Assistant, full responsibility for graduate course in polymer science required for all textile technology graduate students

INDUSTRIAL EXPERIENCE

1999 - present **Reedy River Associates, Simpsonville, SC, President.** Consulting to the plastics and packaging industries. Expert witness for plastics and packaging (infringement, validity, trade dress, breach of contract—plaintiff and defendant experience). Projects to develop and quantify product development and market entry strategies for major international plastics producers to introduce new materials into industrial and consumer packaging. Technical consulting to major packaging materials suppliers, converters and end users.

INDUSTRIAL EXPERIENCE (continued)

- 1968 - 1998 **Hoechst NA Holdings and its predecessor companies**
- 1994 - 1998 **Business Manager, Hoechst Research & Technology, Greer, SC.** Managed group of 9 to create three corporate R&D projects in multi-layer, semi-rigid and rigid plastic packaging with estimated sales potential >\$500MM. Based on a jointly-developed strategy, the target business unit created a new organization and product line to which these projects have been transferred and commercialized.
- 1991 - 1994 **Department Head, New Films Business Development, Hoechst AG, Wiesbaden, Germany.** Managed department of 20 conducting basic and applied research in new films. Established and led applications lab and new business development team to support LCP laminates for printed circuit boards.
- 1987 - 1991 **Business Manager, Packaging and Specialties Films, Hoechst Celanese Corporation, Greer, SC.** World-wide business team leader and directly responsible for 40 people in sales, marketing and technical service for Hostaphan® polyester film to the Packaging and Industrial Converting markets in North America, Latin America and Europe. Grew business >6X to >\$50MM, with 60% of sales from new products. Co-authored and secured approval for three business strategies. Created, secured approval and implemented the Hostaphan packaging strategy, including building a new team hired from the industry, a \$2MM applications laboratory, and an award-winning advertising/publicity program. Justified and secured approval for >\$100MM in capital investment for new product lines. Established and managed world-wide product and market development of Hostaphan 4400 ultra-clear films for pressure-sensitive labels and Hostaphan 2600 improved adhesion packaging film, which won AIMCAL Technology of the Year in its first year of commercial sales and numerous industry awards for specific packages. Principal representative to five major trade associations, including Flexible Packaging Association, Tag and Label Manufacturers Association and Screen Printing Association.
- 1985 -1987 **Process Research Manager, Polyester Film, American Hoechst Corporation.** Managed department of 45 people, including films process research and R&D pilot line (24/7), engineering, facilities, accounting, and safety.
- 1979 - 1985 **Industry Manager, Packaging and Specialties Films, American Hoechst Corporation.**
- 1977 - 1979 **Product Specialist, Packaging and Specialties Films, Celanese Plastics Company.**
- 1975 - 1977 **Project Manager, Polyester Bottle Resin, Celanese Plastics Company.** Responsible for process development, pilot manufacturing and manufacturing strategy development for the entry of Celanese into polyester bottle resin
- 1975 **Product Specialist, Packaging and Specialties Films, Celanese Plastics Company**
- 1973 - 1975 **Group Leader Application/Product Development, Celanese Plastics Company.** Applied polyester film research.
- 1968 - 1973 **Sr. Research Scientist/Team Leader, Celanese Research Company, Summit, NJ.** Research in polyester films, polyester resins, graphite fibers and composites, acrylonitrile fibers and films, acetate fibers, and polymer physics. Pioneered new thermal analysis techniques now considered standard.
- 1965 **Research Scientist, U.S. Army Natick Labs - Ballistic Materials Lab, Natick, MA**

INTERNATIONAL EXPERIENCE AND LANGUAGES

- 2008 16th IAPRI World Conference on Packaging, Bangkok, Thailand
- 2008 Seminar at Korea University; Keynote speaker at YonSei Packaging Forum; Keynote speaker at The 20th KOPAST International Seminar on Packaging Science & Technology, Seoul, Korea
- 2007 Visits to ESIEC, France; Clemson Brussels Center; European companies
- 2007 23rd IAPRI Symposium on Packaging, Windsor, UK
- 2005 Visits to packaging science schools in Europe; seminar at Korea University, Seoul
- 2004 14th IAPRI World Conference on Packaging, Stockholm, Sweden
- 2004 Invited speaker Masterfoods international innovation conference, Tokyo, Japan
- 2003 Tours of Great Britain food and packaging companies; visit to Faraday Association
- 2002 13th IAPRI World Conference on Packaging, East Lansing, MI
- 2001 12th IAPRI World Conference on Packaging, Warsaw, Poland

INTERNATIONAL EXPERIENCE AND LANGUAGES (cont.)

- 1991 – 1996 Responsible for world-wide coordination of a U.S.-Germany-Japan development partnership for LCP films.
- 1991 - 1994 Managed a new films business development department, including marketing and semi-works manufacturing, while living in Germany for three years
- 1988 - 1992 Member of negotiating team and later technical and marketing coordination teams for three way U.S.-Germany-Japan polyester film joint venture.
- 1988 – 1990 Managed successful anti-dumping case against Japanese and Korean polyester film producers, including testifying before the International Trade Commission.

Extensive business travel in Western Europe and Japan; personal travel in Eastern Europe, Middle East, Asia.
Languages (with varying degrees of fluency): German, French, Hebrew

HONORS AND AWARDS

- 2000--present Listed in *Who's Who in America* and *Who's Who in American Education*
- 2002 Invited presenter NSF Showcase-2002 ASEE Annual Meeting
- 1975-76 The Fiber Society Lecturer
- 1967 Rohm & Haas Fellow
- 1966 American Can Fellow
- 1964 Susich Award in Fiber Rheology
- 1960-64 National Merit Scholar
- 1960 First Place winner, Mass. State Science Fair "Graft Copolymers of polystyrene and polymethyl methacrylate with natural rubber"

PROFESSIONAL MEMBERSHIPS

Society of Plastics Engineers

COMMUNITY SERVICE

Volunteer, instructional technology, Woodland Elementary School, 1997-2004, Greer, SC,
Graduate of Leadership Greenville, 1988-89, Greenville, SC
Co-founder and chairman, Suzuki Academy of Talent Education, 1984-89, Greenville, SC

PUBLICATIONS

Refereed Journal Articles

H. J. Bae, H. J. Park, D. O. Darby, R. M. Kimmel and W. S. Whiteside "Development and characterization of pet/fish gelatin-nanoclay composite/LDPE laminate: gelatin-nanoclay film as a functional barrier layer" *Pkg. Tech. Sci.*, accepted for publication

H. J. Bae, W. S. Whiteside, Y.J. Byun, S.I. Hong, D.O. Darby, R. M. Kimmel, H.J. Park, "Effect of clay content, homogenization rpm, ph, and ultrasonification on mechanical and barrier properties of fish gelatin/montmorillonite nanocomposite films" *J. Food Sci. Tech.*, accepted for publication

H. J. Bae, D. O. Darby, R. M. Kimmel, H. J. Park, W. S. Whiteside, "Effects of transglutaminase induced crosslinking on properties of fish gelatin-nano clay composite film", *J. Food Chem.*, accepted for publication

Y. T. Kim, K. Cooksey, R. M. Kimmel and K. W. Kim "Antimicrobial activity of chitosan biopolymer films prepared with different molecular weights of chitosans against foodborne pathogens" *LWT*, in revision

Y.T. Kim, S.H. Ko, J.H.Lee, R.M.Kimmel, "Application of background emission observed in 1, 1' oxalyldiimidazole derivatives chemiluminescence reaction," *Analytical Chemistry*, 2008 in review

Y-T. Kim, Y-S. Hong, R. M. Kimmel, J-H Rho, C-H. Lee "New Approach for characterization of biopolymer film using proton behavior determined by low field ¹H NMR" *J. Agri.Food Chem.*, **55** 10678-84 (2007)

V. Chougule, R. M. Kimmel and D. A. Zumbunnen "Novel Barrier Films using Smart Blending Technology for Reducing Flavor Migration in Packaging Applications" in preparation

V. Chougule, R. M. Kimmel and D. A. Zumbunnen "Barrier, mechanical and thermal properties of PE-EVOH blends with novel morphologies produced with a continuous chaotic advection blender" in preparation

Y. T. Kim and R. M. Kimmel "A novel method to determine antioxidation activity of gelatin biopolymer film incorporating ascorbic acid, phytic acid and BHA using a Resazulin Simulation System" *J. Agricultural and Food Chemisrty* in revision (2008)

M. B. Barker and R. M. Kimmel. "Effects of octene and norbornene content on blends of cyclo-olefinic copolymers with linear low density polyethylene. I. Physical Properties" in preparation.

M. B. Barker, I. Luzinov and R. M. Kimmel. "Effects of octene and norbornene content on blends of cyclo-olefinic copolymers with linear low density polyethylene. II. Structural Characterization" in preparation.

R. M. Kimmel. "Undergraduate Labs in Applied Polymer Science – A Case Study" *Proc. 2002 ASEE Ann. Conf.* (2002)

R. M. Kimmel. "Polyester Film" *J. Microgr.* **12**, 15-23 (1982)

W. Whitney and R. M. Kimmel. "Griffith Equation and Carbon Fiber Strength" *Nature Physical Science* **237**, 93-94 (1972).

PUBLICATIONS (continued)

Refereed Journal Articles (continued)

- R. M. Kimmel and D. R. Uhlmann. "Activation-energy Spectra for Retraction of Hot-Stretched Polystyrene and Shear Creep in Polymethyl Methacrylate" *J. Appl. Phys.* **42**, 4926-4930 (1971).
- R. M. Kimmel and D. R. Uhlmann. "Effects of Pressure on Amorphous Polymers: Thermodynamic Properties of Densified Polymethyl Methacrylate" *J. Appl. Phys.* **42**, 4917-4925 (1971).
- R. M. Kimmel and D. R. Uhlmann. "Effects of High Pressure on Amorphous Polymers. II. Annealing of Densified Polymethyl Methacrylate" *J. Appl. Phys.* **42**, 1892-1896 (1971).
- R. M. Kimmel and D. R. Uhlmann. "Effects of High Pressure on Amorphous Polymers: Densification of Polymethyl Methacrylate" *J. Appl. Phys.* **41**, 2917-2927 (1970).
- R. M. Kimmel and D. R. Uhlmann. "Activation Energy Spectra for Nonlinear Relaxation Processes" *J. Appl. Phys.* **41**, 592-596 (1970).
- R. M. Kimmel and D. R. Uhlmann. "On the Energy Spectrum of Densified Silica Glass." *Phys. Chem. Glasses* **10**, 12-17 (1969).
- R. M. Kimmel and D. R. Uhlmann. "Activation Energy Spectra for Relaxation in Amorphous Materials. I. Volume Relaxation in Polystyrene and Polyvinyl Acetate" *J. Appl. Phys.* **40**, 4254-4260 (1969).
- R. M. Kimmel and R. D. Andrews. "Birefringence Effects in Acrylonitrile Polymers. II. The Nature of the 140°C Transition" *J. Appl. Phys.* **36**, 3063-3071 (1965).
- R. D. Andrews and R. M. Kimmel. "Solid State Structure and Glass Transitions in Polyacrylonitrile: the Hetero-bonded Solid State" *J. Polymer Sci.* B3, 167-169 (1965).
- R. D. Andrews and R. M. Kimmel. "Birefringence Effects in Acrylonitrile Polymers. I Effects at Different Temperatures" *J. Appl. Phys.* **35**, 3194-3202 (1964).

Other Journal Articles

Trade Journals

- B.L. Kindberg and R.M. Kimmel. "Films: Flexibility in Labeling" *Paper, Film & Foil Converter* **55**, 46-48 (1981)
- R.M. Kimmel. "PET Also is a Film Material" *Plastics Design & Processing* **23**, 15-16 (1983).

Proceedings, Published with Oral Presentations

- V. A. Chougule, R. M. Kimmel and D. A. Zumbrennen. "Novel Barrier Films using Smart Blending Technology for Reducing Flavor Migration in Packaging Applications" 23rd IAPRI Symposium on Packaging, Windsor, U.K. (2007)
- D. Darby, K. Cooksey and R. M. Kimmel. "Flavor and aroma permeation concepts and applications" *Proc 2006. TAPPI Place Conference* (2006)

PUBLICATIONS (continued)

Other Journal Articles

Proceedings, Published with Oral Presentations

V. A. Chougule, R. M. Kimmel and D. A. Zumbrunnen. "Morphology, Barrier and Mechanical Properties of Novel Films developed using Smart Blending Technology" *Proc. 2005 International Polyolefins Conference* (2005)

V. A. Chougule, R. M. Kimmel and D. A. Zumbrunnen. "Novel Barrier Films using Smart Blending Technology for Packaging Applications" *Proc. Flexible Packaging Conference 2005* (2005)

V. A. Chougule, R. M. Kimmel and D. A. Zumbrunnen. "Development of Novel Barrier Films using Chaotic Advection 'Smart Blending' Device" *Proc. 2005 Annual Technical Conference of the Society of Plastics Engineers* (2005)

R.M. Kimmel, W.S. Whiteside, K. D. Cooksey and D. O. Darby, "New Developments in Food Packaging in North America" 20th KOPAST International Seminar on Packaging Science & Technology, Seoul, Korea (2008) – Keynote Address

Y. T. Kim and R.M. Kimmel. "Development of Gelatin Film as an Active Packaging Layer" *Proc 2004. TAPPI Place Conference* (2004)

R. M. Kimmel. "Polymer Physics Laboratories for the Undergraduate Packaging Curriculum" 13th IAPRI World Conference on Packaging, Lansing, MI, June, 2002.

R. M. Kimmel, A. Wolf and J. A. Penoyer. "Wide-mouth PET bottles: achieving hot-filling ability through multi-layer reinforcement" 12th IAPRI World Conference on Packaging, Warsaw, Poland, June, 2001

R. M. Kimmel. "21st Century Challenges for the Packaging Industry" Food Packaging Design Conference, Orlando, FL, April 11-13, 2000

R. M. Kimmel and K. D. Cooksey "Challenges in Sustainable Packaging" Functional Packaging Through Chemistry, North Jersey Section American Chemical Society, Newark, NJ (2008) – Keynote Address

R. M. Kimmel "Sustainable Packaging-One Academics View" Yon Sei University Packaging Research Forum, Seoul, Korea (2008)

R. M. Kimmel "Results of NACDS/Clemson Packaging Study" NACDS Supply and Logistics Conference, Orlando March 26, 2007 (invited speaker)

R. Thomas, R. M. Kimmel, W. S. Whiteside. "Rethinking Packaging Design to Support a Piece-Pick Distribution Operation" NACDS Supply and Logistics Conference, San Diego March 19, 2006 (Invited speaker)

R. M. Kimmel. "Smart Blending: The Clemson University Center for Flexible Packaging" Korea University, Seoul, Korea. October 19, 2005 (invited speaker)

Y. S. Hong, Y. T. Kim, R. M. Kimmel, J. H. Rho, C. H. Lee. "Characterization Of Proton Behavior In Gelatin Films Plasticized With Glycerol Using Low Field Nuclear Magnetic Resonance" ACS Annual Meeting, Washington, DC August 30, 2005 (Poster)

PUBLICATIONS (continued)

Abstracts, Published with Oral Presentation or Poster Session and not subsequently published

R. M. Kimmel." Recent Developments in Polymers, Extrusion Technology and Films" Masterfoods international innovation conference, Tokyo, Japan, Oct. 2004

Y. T. Kim, R. M. Kimmel and S. H. Jun "Effect of incorporated antioxidants (ascorbic acid, citric acid, phytic acid and BHA) on physical properties and antioxidant activity of gelatin film" IFT Annual Meeting, Las Vegas, NV July 15, 2004 (Poster, 1st Place Student Competition)

Y. T. Kim and R. M. Kimmel. "Effects of a series of organic acids on the properties of edible gelatin films" IFT Annual Meeting, Chicago, IL July 14, 2003 (Poster)

R. M. Kimmel. "The Challenge of the Plastic Beer Bottle" IFT Annual Meeting, Dallas, TX, June 12, 2000. (Invited speaker)

R. D. Andrews, T. J. Hammack, E. M. Krokosky and R. M. Kimmel. "Comparative Photoelastic Behavior of Styrene and Acrylic Polymers" *Bull. Am. Phys. Soc.* **11**, 180 (1966)

Books/Chapters

Y. T. Kim, K. W. Kim, J. H. Han, R. M. Kimmel Chapter 6: "Antimicrobial Packaging for Food" in J. Kerry and P. Butler (eds.) Smart Packaging Technologies for Fast Moving Consumer Goods Chichester, UK: John Wiley & Sons (2008).

R. M. Kimmel. "Structure-Property Relationships in the After-Processing of Acrylic Yarns" paper presented to The Fiber Society, Princeton, NJ 1971 and summarized (with figures) in M. Jaffe. "Fibers" in Thermal Characterization of Polymers. E. A. Turi (ed.). New York: Academic Press (1981). pp. 709-792.

Program Chair

Flex-Pack '99 Europe, Amsterdam, Nov. 8-9, 1999

Review Panels

NSF Division of Undergraduate Education, Arlington, VA July 23-26, 2001

Patents

R. M. Kimmel, A.E. Wolf, J.A. Penoyer and D.D. Roth, U.S. Patent 6,426,128 "Co-processable multi-layer laminates for forming high strength, haze-free, transparent articles and methods of producing same" July 31, 2002.

J.E. Kuder, R.N. Demartino, D. Cangiano, R.D. Jester, A.E.Wolf, R. M. Kimmel, S.H. Rounsville, J.A. Penoyer, U.S. Patent 6,312,772 "Multilayer laminate formed from a substantially stretched non-molten wholly aromatic liquid crystalline polymer and non-polyester thermoplastic polymer" Nov. 6, 2001.

R.D. Jester, A.E. Wolf, R. M. Kimmel, D. Cangiano and J.A. Penoyer, U.S. Patent 6,268,026 "Multilayer laminate formed from a substantially stretched non-molten wholly aromatic liquid crystalline polymer and non-liquid crystalline polyester and method for forming same" July 31, 2001

PUBLICATIONS (continued)

Patents (continued)

A.E. Wolf, R.M. Kimmel, J.A. Penoyer and D.D. Roth, EP0928683 "Co-processable multi-layer laminates for forming high strength, haze-free transparent articles and methods of producing same" Jul. 14, 1999.

D. Cangiano, J.E. Kuder, A. Wolf, R.D. Jester, R. M. Kimmel, J.A. Penoyer, R.N. DeMartino and S.H. Rounsville, EP0911150 "Laminates formed from wholly aromatic, amorphous stretchable liquid crystalline polymers and non-polyester thermoplastics and methods of forming same" Apr. 28, 1999.

D. Cangiano, A. E. Wolf, R.D. Jester, R.M. Kimmel and J.A.Penoyer, EP0909781 "Laminates formed from wholly aromatic, amorphous stretchable liquid crystalline polymers and non-liquid crystalline polyesters and methods of forming same" Apr. 21, 1999

K-H Kochem, P. Boening, H. Schenk and R. M. Kimmel, DE4310082, "Electroluminescent film, process for its production and use" Sep. 29, 1994

E. C. Chenevy and R. M. Kimmel. U.S. Patent 4,002,426 "Production of Stabilized Non-burning Acrylic Fibers and Films" Jan. 11, 1977.

R. M. Kimmel, J. P. Riggs, R. W. Swander and W. Whitney. U.S. Patent 3,925,524 "Process for the Production of Carbon Filaments" Dec. 9, 1975.

E. C. Chenevy and R. M. Kimmel. U.S. Patent 3,708,326 "Stabilization of Acrylic Fibers and Films" Jan. 2, 1973.

CONSULTING

Technical

Frito-Lay North America	2006
McKinsey & Co.	2006
Sterne, Kessler, Goldstein & Fox	2005
T. Floyd Associates	2004-5
Regent Group	2004
3M	2004
Masterfoods USA	2004
Bayer Cropscience	2003
Equistar	2003
Sequella	2003
Kellogg's	2002-3
Nutrasweet	2002
Reckitt Benckiser	2002
Milliken	2000, 2005
Taylor Companies	1999
Ticona	1999

CONSULTING (continued)

Expert Witness

Law Firm	Dates	Case	Represented	Consult	Expert Report	Deposed	Testified	Subject*	Disposition
Lugenbuhl, Wheaton, Peck, Rankin & Hubbard (New Orleans)	2009-	<i>The Collegiate Studio LLC v. Stribling Packaging Inc.</i> Eastern District of Louisiana	P	Y				B	Pending
Barrett & McNagny (Fort Wayne)	2007-9	<i>Artistic Carton Co. v. Thelamco, Inc. and Cascades, Inc.</i> Northern District of Indiana, Fort Wayne Division (Cause No. 1:06CV316TS)	P	Y	2	Y		B	Pending Note:1
Michael, Best & Friedrich (Milwaukee)	2007-8	<i>Schreiber Foods, Inc. v. Whitehall Specialties, Inc.</i> Eastern District of Wisconsin, Green Bay Division (Civil Action No. 07-CV-255)	D	Y				P	Settled
Ropes & Gray (NYC)	2006-9	<i>Pall v. Entegris</i> Eastern District of New York (Civil Action No. 05-CV-5894 (RRM)(WDW))	D	Y	3	Y		P	Pending
Ostrolenk, Faber, Gerb & Soffen (NYC)	2006	<i>Ferrero, S.p.A. and Ferrero U.S.A., Inc. vs. Nutrexp S.A.</i> District of New Jersey, 2006 (Civil Action No. 05-4350 (MLC))	D	Y	2			T	Settled
Fulbright & Jaworski (Austin)	2006	<i>Georgia-Pacific Corporation and Fort James Operating Company vs. Solo Cup Company</i> , USPTO Trademark Trial and Appeal Board, 2006 (Opposition No. 91157923)	P	Y	1			T	Settled
Kilpatrick Stockton (Atlanta)	2006	Confidential	D	Y				P	Summary judgment in favor of defendant
McGowan, Hood, Felder & Johnson (Rock Hill, SC)	2005	<i>Dunn-Right, Incorporated, and Larry W. Dunn vs. Yamaha Motor Manufacturing Corporation of America, Mark J. Beck, Tech-Source, Inc., and Wright Metal Products, Inc.</i> , District of South Carolina, Greenville Division (CA 6:05-cv-01202RBH)	P	Y				P	Settled

Law Firm	Dates	Case	Represented	Consult	Expert Report	Deposed	Testified	Subject*	Disposition
Finnegan, Henderson, Farabow, Garrett & Dunner (DC)	2005-6	<i>Cryovac, Inc. vs. Pechiney Plastic Packaging, Inc.</i> District of Delaware, 2005 (Civil Action No. 04-1278-KAJ)	P	Y	3	Y		P	Summary judgment in favor of plaintiff
McDermott, Will & Emory (DC)	2004-6	<i>Johnson & Johnson Vision Care, Inc. vs. Ciba Vision Corporation</i> , Middle District of Florida, Jacksonville Division, 2006 (Case No: 3:03-cv-800-J-99TEM)	D	Y	1			P	Pending
Wood, Phillips, Katz, Clark and Mortimer (Chicago)	2003	<i>Se-Kure Controls, Inc. vs. Christopher Marszalek and Sennco Solutions, Inc.</i> , Northern District of Illinois, Eastern Division, 2003 (Civil Action No. 01C5089)	P	Y	1			P	Settled in favor of plaintiff

* B = Breach of contract; P = Patent Infringement/validity; T = Trade dress