

Year	PATENT	Industrial Nucleonics, AccuRay & ABB Patents	NOTE: Click the number or name to view patent
Issued	Number	rev10/3/2019a	
1957	2790945	Measuring System	H R Chope
1958	2829268	Standardization system	Henry R Chope
1959	2884530	Standardizing means	George B Foster
1959	2895888	Electrolytic plating apparatus and process	Donald E Varner
1959	2909660	Measuring and controlling system	Frank M Alexander
1960	2924323	Conveyor stop gate	Bernard C Holben
1960	2922475	MEASURING AND CONTROLLING SYSTEM	Frank M Alexander
1960	2932744	Shutter System	Don F Lehman
1960	2933606	Electromagnetic radiation device	George B FosterJr and Walter H Canter
1960	2933326	Self-aligning truck assembly	Don F Lehman
1960	2342303	Control for drafting apparatus	David A Bossen and Glenroy W Barnett
1960	2924323	Conveyor stop gate	Bernard C Holben
1960	2942113	Measuring system	Neil E Handel
1960	2948845	Magnet assembly for nuclear magnetic resonance apparatus	Neil E Handel
1960	2955206	Control Apparatus	Spergel Philip and Sidney A Radley
1960	2960268	Ratio computer	Wilbert E Chope, Walker B Lowman and Spergel Philip
1960	2960650	Nuclear magnetic resonance measuring and control device	Clyde W Pinkley
1960	2964631	Measuring system	George B Foster
1960	2964696	Nuclear magnetic resonance measuring apparatus	Clyde W Pinkley
1960	2965300	Evaluation computer	Sidney A Radley and Spergel Philip
1960	2965760	Radiation measuring device	Jack G Crump
1960	2965847	Measuring system	Sidney A Radley
1961	2986264	Article distribution system	Bernard C Holben
1961	2999270	Extrusion packaging apparatus	Robert A Knapp
1961	2999381	Nuclear magnetic resonance measuring system	Wilbert E Chope Frank M Alexander
1961	2999589	Classifying apparatus	Alan Norwich
1961	2999591	Container inspection system	Jack G Crump
1961	2999932	Measuring system	David L Spooner
1961	2999935	Convertible radiation source	George B Foster
1961	2999520	Cigarette rod cutter and cigarette counter	Walker B Lowman
1961	2999974	Signal switch and readout for nuclear magnetic resonance measurement apparatus	Clyde W Pinkley
1961	2999975	Nuclear magnetic resonance measuring and control device	Clyde W Pinkley
1961	2999976	Nuclear magnetic resonance measuring and control device	Kenneth E Francis and Frank M Alexander
1961	2999977	Nuclear magnetic resonance measuring system	Leonard C Brown
1961	2999978	Nuclear magnetic resonance measuring apparatus	Clyde W Pinkley
1961	3001073	Reflectivity comparison system	Frank M Alexander and Bernard C Holben
1961	3001074	Measuring system	James E Reider
1961	3001075	Radiation detector circuit	Jack G Crump

1961	3001076	Measuring system Jack G Crump
1961	3000438	Measuring and Controlling System Frank M Alexander
1961	3006225	Special mill controls Leo G Mamas
1961	3007048	Measuring and controlling system Robert A Knapp and Jack G Crump
1961	3007052	Measuring apparatus Richard W Hickman and Leo G Mamas and Frank M Alexander
1961	3008131	Quality accounting Robert P Einsel and William E Van Horne
1961	3013721	Automatic Control System George B Foster and William E Van Horne
1962	3015129	Extrusion process controls Willard C Hays and George I Doering
1962	3021475	Nuclear magnetic resonance measuring system Anthony D Cennamo
1962	3021483	Measuring instrument Arthur F Spero
1962	3026033	Means for digitally indicating fractions of an analog signal David L Spooner
1962	3029417	Production analyzer Dewey Rex Ward and Norwich Alan
1962	3038401	Measuring and controlling system David A Bossen
1962	3039046	Nuclear magnetic resonance measuring device Kenneth E Francis and Clyde W Pinkley
1962	3039049	Nuclear magnetic resonance measuring and control device Clyde W Pinkley
1962	3040807	Moisture Balance Correction System Wilbert E Chope
1962	3044297	Measuring System Albert F G Hanken
1962	3045222	Transportation lag compensator Spergel Philip
1962	3049621	Energy modulation David L Spooner
1962	3050626	Measuring system John R Dukes and Eggman Luther
1962	3052242	Control System Victor S Levadi
1962	3054310	Control system Donald E Varner
1962	3065466	Recording of sheet material measurement data Richard W Hickman
1963	3087061	Composition insensitive beta ray gauging system John R Dukes and Denman K Allemang
1963	3087598	Article distribution system William R Clore
1993	3092724	Mass distribution analyzer George B Foster
1963	3094622	Density measuring apparatus providing a substantially pure beam of radiation from composite sources Neil E Handel
1963	3098154	Tank level measurement system Jack G Crump
1963	3099793	Resonance seeking circuit Clyde W Pinkley
1963	3100843	Radiation dosage limiter George B Foster
1963	3109095	Radiation tubing gauge for computing single-wall thicknesses from plural double-wall thickness measurements William E Van Horne
1964	3122643	Radioactive source capsule with capsule retaining and releasing means Donald J Tompos
1964	3123714	Space Communication System H R Chope
1964	3128786	Radiation density gauge control of sludge transfer operations in sewage works Charles O Badgett
1964	3146910	Control System Donald E Varner Donald J Tompos
1964	3147370	Measuring and controlling system Walker B Lowman
1964	3150213	Regulation of extruder systems George L Doering
1964	3150253	Product analyzer Spergel Philip
1964	3154685	Selective ray energy utilization in radiation gauging systems having spectral-energy ray sources George B Foster
1964	3155899	determining moisture content and other variables utilizing a capacitor test cell at two different frequencies Allen R Davidson

1964	3155900	determining the mass of a dielectric material utilizing a capacitive probe at two frequencies Albert F G Hanken
1964	3155902	determining moisture content of dielectric materials measuring the ratio of voltage changes at two frequencies Walls Gordon William
1964	3160753	Method and means for measuring hardness Donald E Varner
1965	3194376	Linear motion diverter mechanism for conveyors Bernard C Holben
1965	3210545	Method of compensating a radiation gauge for unwanted changes in measured material Glenroy W Barnett
1965	3214845	Moisture measuring and selective dryer control system Neil A Huffman
1966	3234460	System for measuring a property of a dielectric material by applying signals at two different frequencies Clyde W Baird
1966	3242321	Automatic machine analyzer Henry R Chope
1966	3247376	Device for producing a modulated beam of beta or chi-radiation Neil E Handel
1966	3235072	Control method and apparatus for heavy media separation process David L Nelson
1966	3240940	Flutter-insensitive geometry for radiation gauging of rod-like objects John R Dukes and Denman K Allemang
1966	3240995	Dynamic registration device Frank E Morris
1966	3242321	Automatic machine analyzer H R Chope
1966	3244206	Control apparatus for a veneer lathe David A Bossen
1966	3250122	Method of determining interface level in tankage of materials George I Doering
1966	3255346	Radiation gauging system with compensation for high background radiation intensities Donald C Brunton and James M McMullen
1966	3255412	System for measuring a dielectric material by applying signals at different frequencies to a capacitance probe Liu Ko-Hsin
1966	3257559	Yarn denier gauge with flutter effect elimination James M McMullen
1966	3260642	Moisture computer and control system for processing materials having high, indeterminate moisture contents Jr Walter H Canter
1966	3263077	Mass determination of a fluent material by radioactive measuring means Jr Walter H Canter
1966	3240940	Flutter-insensitive geometry for radiation gauging of rod-like objects John R Dukes and Denman K Allemang
1966	3275831	Radiation beam shutter collimator Philip T Martin
1966	3275942	Thermal stabilization of direct-coupled electrometer amplifiers Liu Ko-Hsin
1966	3278854	Frequency selective amplifier with a resonant type network in a feedback loop Liu Ko-Hsin
1966	3285533	Rendezvous and docking of space ships Liu Ko-Hsin
1966	3285544	Mid-air refueling system Wilbert E Chope and Henry R Chope
1966	3286302	Control system for maximizing the production of a material forming process George I Doering
1966	3290588	Dielectric measuring system including phase inverting means Norwich Alan
1967	3307215	Control apparatus for industrial apparatus George R Gerhard and George I Doering
1967	3332279	Automatic sheet moisture probe positioner Donald J Tompos and Richard E Bach
1967	3323046	Dielectric measuring system including phase inverting means and a summing amplifier Liu Ko-Hsin
1967	3323049	System for quantitatively measuring a property of dielectric material by applying input signals at two different frequencies Albert F Hanken
1967	3352499	Grinding circuit control Jr Ross L Cambell
1968	3368593	Originating filler identification system Leo G Mamas
1968	3378676	System employing plural time-spaced average computations for measuring a second variable characteristic imparted to a material initially having a first variable characteristic John C Clement
1968	3387133	Thickness measuring gauge comprising a radioactive source and solid state radiation detector Henry R Chope
1968	3389250	Multiple chamber liquid level probe John E Clemens
1968	3396219	Measuring system Gerald T SutterfieldJr and Edward J Amberg
1968	3404278	Re-entry communications system and method Henry R Chope
1968	3413474	Coating thickness determination by means of measuring black-body radiation resultant from infrared irradiation Edward J Freeh

1969	3424902	Method and apparatus for measuring Benjamin H Colmery Jr Linus K Han
1969	3426200	Air gap conditioning system for a radiation gauge Don F LehmanDonald E Varner
1969	3439166	Measuring ablation shield thickness Henry R Chope
1969	3440421	Statistical sampling of a moving product using a gauging device related to a variable product speed Walker B Lowman and Richard D Felty
1969	3452192	Multiple energy detection for mixture analysis Albert F G Hanken
1969	3458159	Indicating system Angelo J Campanella
1969	3471685	Methods and means for statistical variance analysis of sheet manufacturing processes using scanning and dwelling gauges Albert B Bishop
1969	3479511	Nuclear radiation gauge system Milton C Clerc
1970	3488502	Nonshifting radiation source capsule John R Dukes
1970	3489008	Radiation temperature sensor John J Thornton, Boong Y Cho, William L Adams
1970	3493855	Capacitive moisture gauge with signal level control using a differential capacitor in the input Alan Norwich
1970	3504280	Dual frequency admittance gauge having improved frequency response unrelated to feedback response time Robert V Byrd
1970	3510374	Method and control apparatus for regulating apparatuses Charles S Walker
1970	3525935	Moisture measuring system and method for materials having wet and dry layers Boong Y Cho
1971	3552203	System for and method of measuring sheet properties Edward J Freeh
1971	3557351	Property Measurement Signal Filtering Method and Apparatus for Eliminating Predetermined Components George I. Doering
1971	3557366	Angle of attack indicator using a radioactive source and delector Ernest D. Jernigan, Jr
1971	3560748	Nucleonic measuring apparatus with automatic fire safety radiation source shutter closing to high temperatures for blocking the shutte Bernard W. Hatten
1971	3562500	COMPOSITE PROFILE APPARATUS AND METHOD Grant; Michael P.
1971	3562528	ANGULAR TRACKER RESPONSIVE TO PENETRATING RADIATION Joyce; William B.
1971	3562531	Nucleonic measuring apparatus with automatic fire safety radiation source shutter comprising a spring a fusible barrier Trachevski; George J. and , Auburn; Ernest A.
1971	3564224	APPARATUS FOR DETERMINING PERCENT OF WET-END MOISTURE REMOVED Chope; Henry R.
1971	3566092	AVERAGING COMPUTER Michael P. Grant and Henry T. Jagers
1971	3567942	Nucleonic measuring apparatus with automatic fire safety radiation source shutter closing fusible element which melts at high temperatures Richard E Bach
1971	3573843	DATA AND TIME RECORDER Solley; Bill W.
1971	3575600	NUCLEONIC GAUGES WITH TRAVERSING HEADS, AND DRIVE THEREFORE Trachevski; George J. and, Crawford; Juan H.
1971	3576439	MATERIAL DETECTOR USING SEMICONDUCTOR PROBE AND RADIOACTIVE-CHEMICAL REACTION Figueroa; Carlos G.
1971	3577158	MASS FLOW RATE MEASURING UTILIZING THE SCATTERING CROSS SECTION OF A MATERIAL FOR FAST NEUTRONS Hahn; Linus K
1971	3581199	SPECTRUM ANALYZER INCLUDING SAMPLING AND SCALING MEANS Spitz; David A.
1971	3586972	Electrical property monitoring probe with pneumatic means for maintaining proximity of probe to moving sheet material Tulleners; Harry W.
1971	3590636	METHOD FOR DETERMINING AIRCRAFT LIFT CAPABILITY USING AIR DENSITY MEASUREMENT Eddy, Jr.; William C.
1971	3594575	LINEARIZATION OF RADIATION GAUGES FOR MEASURING THE QUANTITY OF FLUIDIC MATERIALS IN CONTAINERS Shoemaker; David J.
1971	3596071	METHOD AND APPARATUS FOR A MATERIAL TREATER Doering; George I.
1971	3604429	CIGARETTE-DENSE-END-MEASURING METHOD AND APPARATUS De Witt; John E.
1971	3604430	CIGARETTE DENSE END MEASURING AND CONTROLLING APPARATUS Norwich; Alan and De Witt; John E.
1971	3610897	Method and control apparatus for regulating the property of a material zone to a target property Gerhard; George R. , Reider; James E. Walker; Charles S.
1971	3611408	Digital setup apparatus for radiation gauging and controlling systems Shoemaker; David J. Dewey; Rex W., Griffith; James L. Troutman; Paul H. and Wolf; Franklin A
1971	3612839	VARIANCE PARTITIONING DeWitt; John E. and Spitz; David A.
1971	3612876	STANDARDIZATION SYSTEM FOR A DIGITAL RADIATION GAUGE Grant; Michael P.
1971	3616901	ARTICLE-CLASSIFYING SYSTEM AND METHOD Groves; Charles Richard

1971	3617735	MATERIAL LEVEL DETECTOR Shoemaker; David J.
1971	3617748	ANGLE TRACKER with CORRECTION MEANS HAVING TRANSFER FUNCTION INVERSELY RELATED to SENOR TRANSFER FUNCTION Chope; Henry Roy
1971	3619613	DIGITAL MEASURING SYSTEM UTILIZED IN STANDARDIZING A NUCLEONIC MEASURING GAUGE Chope; Henry R.
1971	3620794	METHOD OF FORMING A PATTERNED RADIATION SOURCE Carlos G. Figueroa
1971	3620914	HEADBOX JET VELOCITY MEASURING SYSTEM AND METHOD Antoni A. Rocheleau
1971	3621252	PROCESS AND APPARATUS FOR DEFECT DETECTION USING A RADIOACTIVE ISOTOPE William Eddy, Jr.
1971	3622448	System and method of process control, particulary papermaking processes in response to fraction defective measurements Adams; William L., Grant; Michael P. and Hickman; Richard W.
1971	3626165	CONTROL SYSTEM McCall; Robert E.
1972	3634187	Continously controlling basis weight of paper by a timed value position Chari; Nallan C. S., Charos; Andrew D. and Walker, Jr.; Harry D.
1972	3636327	TOTAL CONDITIONED WEIGHT COMPUTER Troutman; Paul H.
1972	3640162	WEB-SAMPLING METHOD AND APPARATUS Fleming, Jr.; John W. and James Michael
1972	3644826	MOISTURE-MEASURING SYSTEM USING MICROWAVE AND NUCLEONIC MEASUREMENTS Cornetet, Jr.; Wendell H.
1972	3646434	STANDARDIZATION OF DIELECTRIC MATERIALS GAUGES CAPACITIVE PROBES WITH REMOTELY CONTROLLED BALANCING CIRCUITS USING VARACTORS Norwich; Alan
1972	3648035	SYSTEM & METHOD for OPTIMIZING PROCESSOR or EQUIPMENT PROFIT Hart; Dwight L., Jagggers; Henry T. and Walker; Charles S.
1972	3654468	RADIATION MEASUREMENT SYSTEM WITH MOSFET ELECTROMETER CIRCUIT IS PROTECTED AGAINST VOLTAGE TRANSIENTS Shah; Franklin Bong-See
1972	3655976	FREQUENCY STANDARDIZED PENETRATING RADIATION GAUGE Doering; George I.
1972	3655979	RADIATION GAUGE FOR MONITORING SHEET PROPERTIES EMPLOYING A SCANNED SOURCE Jernigan, Jr.; Ernest D.
1972	3655980	MEASURING WATER DRAINAGE RATE FROM WET STOCK FOURDRINIER SCREEN USING RADIATION SOURCE & DETECTORS Bossen; David A.
1972	3655984	NON-SHIFTING RADIATION SOURCE CAPSULE Dukes; John R.
1972	3662174	Nunleonics gauges source window protector plates with compressed air wipe arrangements McMullen; James M. and Berg; Douglas A
1972	3668397	MEASURING SYSTEM SUPPORT Stucky; Duane L., Donaldson; Richard G. and Alexander; Allen D.
1972	3668398	SYSTEM AND METHOD FOR FACILITATING THE OPERATING SET-UP OF A RADIATION GAUGE Doering; George I.
1972	3668401	RADIATION MEASUREMENT SYSTEM with AUTOMATIC STANDARDIZATION USING RATE FEEDBACK SIGNAL Franklin Bong-See and Troutman; Paul
1972	3668922	WEB SAMPLING METHOD AND APPARATUS Fleming, Jr.; John W. and McMullen; James Michael
1972	3684953	SINGLE FREQUENCY MOISTURE GAUGE with TWO-CHANNEL DEMODULATION and FEEDBACK Control of INPUT Grant; Michael P.
1972	3684954	SINGLE FREQUENCY MOISTURE GAUGE WITH LOGARITHMIC FEEDBACK Jagggers; Henry T. and OH), Theado; Donald R.
1972	3691940	CROSS-AXIS CONTROL FOR THREE OR FOUR ROLL CALENDERS Hays; Willard C. and Smith; James D
1972	3697003	GRINDING MILL METHOD AND APPARATUS Grant; Michael P. and Freeh; Edward J.
1973	3717760	RADIATION FILL GAUGE Martin; Philip T.
1973	3724468	PROCESS CONTROL SYSTEM Varner; Donald E.
1973	3731520	DRYER PERFORMANCE INDICATOR Hickman; Richard W. Rocheleau; Antoni A. and Spitz; David A.
1973	3742216	NUCLEONIC GAUGE FOR MEASURING PROPERTIES OF THIN MATERIALS Hahn; Linus K.
1973	3742218	AIR COLUMN DENSITY VARIATION INSENSITIVE NUCLEONIC GAUGING SYSTEM Fleming, Jr.; John W.
1973	3742795	CIGARETTE DENSE END MONITORING AND CONTROLLING APPARATUS Lipcon; Jesse B. and Horn; James N.
1973	3745338	VOLUMETRIC MEASURING METHOD AND APPARATUS Joyce; William B.
1973	3754138	INNER LAYER POSITION MEASUREMENT Kurstedt, Jr.; Harold A. and Thompson, Jr.; Mason L.
1974	3787985	DRYER CONTROL SYSTEM AND METHOD Fowler; Ronald James, Freeh; Edward James and Koenig; David Mark
1974	3809903	RADIATION GAUGE Cho; Boong Y., Sturkol; Elmer W., and Wier; Keith E.
1974	3818327	MEASURING GAUGE WITH SUPPORT FOR HOLDING MEASURED SHEET AND DISCHARGING FOREIGN MATTER Alexander; Allen Dean
1974	3822828	REFINER NETWORK CONTROLLER Spitz; David A.

1974	3827808	Method and apparatus for measuring the opacity of sheet material in which the transmittance signal is compensated for the reflectivity of the material Cho; Boong Y.
1974	3829848	STUCK ACTUATOR ALARM Eickelberg; John E. and Rice; James S.
1974	3840025	TOBACCO MOISTURE CONTROL SYSTEM AND METHOD Fowler; Ronald James, Freeh; Edward James and Koenig; David Mark
1974	3840302	OSCILLOSCOPE PRESENTATION OF SHEET PROFILE FROM A SCANNING GAGE Brunton; Donald C. and Huffman; Frank E.
1974	3841337	CONTROL SYSTEM FOR A CIGARETTE MAKING MACHINE OR THE LIKE Varner; Donald E.
1974	3843884	X-RAY GAUGING METHOD AND APPARATUS WITH STABILIZED RESPONSE Evans; Howard J.
1974	3844870	Process Control System; John Donoghue, Dan Forney, Robert Heiks, Gerald Lasson, Robert McCall; Robert Eugene and Charles Rich
1974	3847730	PEAK RESPONSIVE CONTROL SYSTEM AND METHOD Doering; George I.
1974	3848125	COATING THICKNESS GAUGE Utt; Orval L. and Evans; Howard J.
1974	3852578	CONTROL SYSTEM AND METHOD FOR MACHINE OR PROCESS HAVING DEAD TIME Rice; James S.
1974	3855467	SYSTEM FOR EFFECTIVELY ENLARGING A DETECTOR WINDOW Chope; Henry Roy
1974	3855524	MEASURING GAUGE WITH AIR BEARING AND RESISTANT TO TILT Crawford; Juan Hamilton
1974	3857023	METHOD AND APPARATUS FOR IMPROVING THE UNIFORMITY OF THE BASIC WEIGHT OF A FABRIC McCall; Robert Eugene
1975	3860168	PLURAL RANGE GAUGE Byrd; Robert V. and Mason, Jr.; Clyde P.
1975	3867283	ARTICLE CLASSIFYING SYSTEM AND METHOD Horn; James N. and Hoffman; David C.
1975	3875383	Control system for average value setpoint Somerville; Gerald H. and, Straumanis; Maris A.
1975	3875417	Nucleonic measuring apparatus Holben; Bernard C. and Bach; Richard E.
1975	3876872	Process control system and method with integral-action set-point optimization using statistically-variable gain control responsive Spitz; David Allan
1975	3878982	Automatic target management method and system Hoffman; David C.
1975	3879608	Workpiece shape - insensitive radiation gauging of rod-like materials McMullen; James Michael and Sturkol; Elmer Wilbert
1975	3881651	Control system and method for average value setpoint Wilhelm, Jr.; Robert G.
1975	3890078	Noninteracting extruder control Straumanis; Maris A.
1975	3904338	System and method for controlling a machine continuously feeding a sheet to intermittently activated station Straumanis; Maris
1975	3905123	Method and apparatus for controlling a tobacco dryer Fowler; Ronald James and Freeh; Edward James
1975	3906196	Non-linear feedback controller Spitz; David Allan
1975	3914585	Sheet moving average filter controller Wilhelm, Jr.; Robert G. and Donoghue; John Francis
1975	3914607	Thickness measuring apparatus and method for tire ply and similar materials Cho; Boong Youn and Utt; Orval L.
1975	3926719	Dry line controller Spitz; David A
1976	3930774	Extruder controller Brand; Ronald W., Forbes; Richard A., Heiks; Robert L. and Huber; Bruce A.
1976	3930922	Process control Donoghue; John Francis, Forney; Dan Edward, Heiks; Robert Lee), Lasson; Gerald A., McCall; Robert Eugene and Rich; Charles Ray
1976	3930934	Speed optimization control for fibrous sheet making machines such as paper making machines with dryer limited conditions: Spitz; David Allan
1976	3936665	Sheet material characteristic measuring, monitoring & controlling method and apparatus using data profile generated & evaluated Donoghue; John Francis
1976	3995478	Plural interrelated set point controller Wilhelm, Jr.; Robert Gordon
1976	4027161	Minimizing wave interference effects on measurement of thin films having specular surfaces using infrared radiation; Williams; Paul and Pugh; Jon Francis
1976	4042869	Backlash compensation Eickelberg; John E. and Rice; James S.
1978	4052615	Spherical cavity method and apparatus for measuring a sheet material property using infrared radiation Cho; Boong Youn
1978	4085326	Radiation reflection method and apparatus particularly for gauging materials exhibiting broadband absorption or scattering, or similar effects Williams; Paul
		AccuRay and ABB PATENTS
1991	4266142	Fluid system and method Juan H. Crawford

1991	4276480	Sensor position independent material property determination using radiant energy Robert M. Watson
1981	4300049	Dynamically standardized radiant energy method and apparatus for plural channel gain independent material property measurement Steven P. Sturm
1984	4434649	Gauge having a surface follower with peripheral vent Paul Williams
1984	4449398	Sheet property sensor with sheet wrinkle remover Paul Williams
1992	4450404	Pneumatic surface follower with negative feedback of a variable force counteracting the levitating force Paul Williams and Dan R. Landis
1985	4526654	Apparatus for control of the slice opening on a slice lip on a headbox Bengt A. Johansson and Peter Brodin
1985	4528507	Sheet measuring apparatus with two structurally isolated non-contacting surface follower bodies and wireless signal Thomas M. Domin, Dan R. Landis, Paul Williams
1986	4577104	Measuring the percentage moisture content of paper having a variable infrared radiation scattering broadband infrared radiation absorber Steven P. Sturm
1986	4599514	Isotopic radiation method and apparatus for measuring the resinous binder applied to a mat of glass fibers Boong Y. Cho
1987	4713572	Ultrasonic transducers for on-line applications Gary A. Bokowski and David W. Vahey
1988	4730492	Measuring the speed of ultrasound in a moving web of paper Gary N. Burk
1988	4733078	Measurement of moisture-stratified sheet material Steven P. Sturm
1988	4748906	Air shower apparatus and method Gregory J. Ashmore
1988	4766315	Apparatus and process for measuring physical parameters of sheet material Ake A. Hellstrom James E. Throm, Jr.
1991	4990784	Nonlinear averaging compensated measurements John R. Dukes and Mason L. Thompson
1991	5020356	Method and apparatus for measuring characteristics of a multilayer product John R. Dukes
1991	5060539	Pneumatic stepper motor actuator Thomas J. Cissell, David C. Doerschuk, Karsten G. Koester and Gordon K. Reed
1991	5074050	Sheet-contacting thickness gauges Paul Williams
1992	5082529	Color measurement and control of a sheet material Gary N. Burk
1992	5099125	Sheet material sensor compensation Ake A. Hellstrom
1993	5196715	Optical surface inspection of web with streak signal generating means Gary N. Burk and Mark A. Miller
1993	5233195	Methods and apparatus for measuring characteristics of moving webs Ake A. Hellstrom, Wim Muller, Steven P. Sturm and Alan M. Reid
		<u>Patents by BRUN SENSOR SYSTEMS Inc. aquired by Industrial Nucleonics in 1973</u>
1965	3207901	Apparatus for measuring basis weight of paper and the like Jr William E Barker
1966	3228282	Apparatus for measuring and recording basis weight of paper and the like Jr William E Barker
1971	3597616	Infrared measurement technique Donald C Brunton and Carl R Soltesz
1971	3631526	Apparatus and methods for eliminating interference effect errors in dual-beam infrared measurements Donald C Brunton
1975	3863071	Infrared measuring system with channel spectra negation Angelo J Campanella
1975	3870884	Apparatus for negating effect of scattered signals upon accuracy of dual-beam infrared measurements Paul Williams