OBITUARY

IVAN EMEL'YANOVICH BRYKSIN

Ivan Emel'yanovich Bryksin, one of the pioneers of Soviet electrochemical instrument design and divisional chief designer at the All-Union Scientific-Research Institute for the Automation of Nonferrous Metallurgy, tragically died in his seventieth year on July 22, 1978.

Coming from a working-class family, Ivan Emel'yanovich took a long professional road from greaser, machine operator of an electric power station, and plant electrician to the prominent specialist in electronic instrument design. Starting in 1956, an entire range of instruments which are widely used in the laboratories of our country in corrosion, electrochemical, and electroanalytical measurements (potentiostats P-5611, P-5827, and P-5848, various polarographs: PPT-6016, UPÉ-6124, PO-5122, and PU-1, and others) have been designed and developed to the point of commercialization under the leadership and immediate creative participation of Ivan Emel'yanovich in the Central Laboratory of Automation (now the All-Union Scientific-Research Institute for the Automation of Nonferrous Metallurgy) in conjunction with other organizations. During the last years of his life, Ivan Emel'yanovich was greatly involved in the development of systems of automation for nonferrous metallurgical plants.

Many of the instruments designed by him were original in concept and circuit design and had no analogues in the USSR or abroad; a number of them received medals of the Exhibition of the Achievements of National Economy.

Ivan Emel'yanovich held 14 patents for inventions and was the author of about 30 scientific publications. The monograph "Potentiostatic Methods in Corrosion Research and Electrochemical Protection" which he coauthored gained widespread reputation and promoted the publicity and practical introduction of electrochemical techniques in scientific-technical research and in corrosion protection.

Ivan Emel'yanovich was a talented, original designer who was recognized as an authority in his field. The progress of electrochemical instrument design in the USSR was greatly promoted by his unselfish help and valuable advice.

Ivan Emel'yanovich was a man of profound principles, honesty, and exceptionally high capacity for work. The memory of this remarkable man will be preserved in the hearts of his colleagues and friends.

A group of friends

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