Professional Curriculum Vitae

Personal data

Birth place, time
Nationality
E-mail address

Studies

1976
1981
1986

Language

Work place

1982-1982
1982-

1996-

Publications

1981
1983-2001
1983

1983

1984

1986
1989

1996-

2003-

Patents

1984-1987

1998
1999
1999
2001

R+D projects

1983-1994

1984-
1990-1998

2000-

dr. Tamás Nagy

Debrecen, 10.21.1957.
Hungarian
tamas.nagy@hexium.hu

High School Diploma, KLTE practicing high school (Debrecen)
Electrical engineer diploma, Budapest University of Technology
University Doctor, Budapest University of Technology

English
Russian (Medium State Degree, 1996.)

MEDICOR Works; research and development engineer
Budapest University of Technology and Economics;
Faculty engineer, Assistant lecturer, Assistant professor
HEXIUM Technical Development Ltd.; Managing Director

Preparing and classifying pyro electric detectors (diploma thesis)
Preparing lecture notes, study aids for Physic Laboratories' measuring
Developing pyro electronic detectors; T. Nagy, L. Vannay, A. Tóth, P. Kálmán, F. Fülöp
II. Electric instrument and measuring scientific conference
Pyro electric thermometer; F. Fülöp, T. Nagy, L.Vannay
XII. Metallurgical Material Testing Events
Pyro electronic detectors; L. Vannay, T. Nagy, F. Fülöp:
ELFT quantum elektronic scientific group
Optical temperature measuring without contact (university doctor thesis)
Developing thermometer; T. Nagy, F. Fülöp
6. Thermograph and thermo technology Conference
Professional articles for the Védelem, Detektor, Magyar Biztonságtechnika and Magyar Elektronika specialist journal
Popularizing professional articles for the Digital Photo specialist journal
Professional lectures at safety technology conferences

Device for conversion of electromagnetic (especially infrared) radiation into visible light
Hungarian patent No. 194416, 1987.
Remote monitoring data collection system operating on a radiotelephone
System for measuring electricity
Method for preventing unauthorized usage of a telephone line
Electronic writing device and method for generating an electronic signature

Researching and developing temperature sensors (pyro electronic detector) temperature measuring instruments without touching, planning and developing instruments which are capable of measuring the performance and the energy of the infrared radiation
Planning measuring for Physic Laboratories for educational purposes
Developing medical biology instruments
Developing fire and security protection instrument.
Applications of Digital image processing mainly in the framework of the IKTA tender:
Triclops HW-SW system-3D surface modeling (IKTA -00019/2000)
Multifunctional vehicle registering sensor systems based on 3D space reconstruction (IKTA-00128/2000)
Intelligent autonomous camera module with embedded high performance image processing (IKTA-00191/2000)
Developing original signature recognizer and identifier instrument (IKTA-00088/2001)
Intelligent fire prevention camera system (IKTA-00040/2002
Autonomous access terminals based on voice recognition (IKTA-00103/2002)