

AFANASEV Konstantin Nikolaevich

Desirable post **Position of leading technologist in the field of multilayered optical coverings (Optical thin films engineering).**

The contact phone **454-23-76 from 19.00 till (house.), 7-916-170-61-91, 485-9327 or-9127 (worker) e-mail:afanasev@ihed.ras.ru**

Date of birth 6/2/1947

The marital status married

Citizenship the The Russian Federation constant (constant) Moscow

Registration

1965 - 1970. **The Moscow institute of electronic mechanical engineering**
Engineers - mechanics Semi-conductor and electrovacuum mechanical engineering

FORMATION (EDUCATION)

· Experience of realization technology on creation of all kinds optical interference and **multilayered coverings (subtractive filters, additive filters, polarizer, conducting transparent film (ITO)**, anti-reflecting coverings, mirrors, laser mirrors, narrow-band filters, dichromatic filters, black mirrors, beam splitters, color separating filters, energy saving coverings, magnetic a film, "cold" mirrors and "cold" filters). · Free possession of high technologies (electron beam evaporation, magnetron sputtering and ion beam sputtering). · Work on complex (difficult) optical devices (interferometer, spectrophotometer). · Experience of start of the complex (difficult) vacuum process equipment. · Calculation on a computer: characteristics of optical coverings. · Synchronous **translations from English** on technical negotiations. · Translations **from English** of the engineering specifications. · Selection of the equipment and realization of negotiations for purchase of the vacuum and optical equipment. · the Control of execution (performance) of requirements of contracts. · Acceptance tests of products. · Work with designers. · The operational experience on start of technological processes and the vacuum equipment in Singapore (1997, 2001, 2002), Federal Republic Germany (1975).

EXPERIENCE of professional WORK

EXPERIENCE of LABOUR ACTIVITY

The general (common) seniority 33 years, on a speciality 33 years

1995 - on now **The incorporated institute of high temperatures**

Development of optical coverings

Post: leading technologist

1982 - 1995. The Moscow design office of cinematographic equipment
Post: leading designer
1976 - 1982, 1970 TSKB "Diamond" the Post: the chief of industrial laboratory, TSKB
- 1976. "Geophysics" the Post: the senior engineer

ADDITIONAL DATA

▪ the English language - a good level colloquial and technical. An operational experience abroad in the English-speaking countries and synchronous translation into technical negotiations
Driving license "B"

BUSINESS And PERSONAL QUALITIES

High serviceability, the responsibility, compulsion, skill to decide (solve) non-standard problems (tasks), skill to communicate, business activity, it is easily trained, an opportunity of business trips.

I.A. Ryzhikov, A.A. Pukhov, A.S. Il'in, N.P. Glukhova, K.N. Afanasev, A.S. Ryzhikov. Anomalous temperature dependence of the conductivity of nanoporous ITO films. // Microelectronic Engineering. 2003. V. 69. P. 270-273. Afanasev K.N. Method of formation spectral band the optical image and system for (its) realization. The patent of USSR N 1831707. (1991) Afanasev K.N., Shadrina L.P. a movie camera. The copyright certificate of USSR N 1788503. (1989) (Work is connected to use anti-Stokes luminophor). Afanasev K.N. Method of reception unspherical surfaces. The copyright certificate of USSR N 585133. (1976), Afanasev K.N., Bondar ' E.A., Shadrina L.P. .Research of optical properties of systems Window glass with three-layer thermal filters on polymeric substrates. î., 1999. 28 with. Препринт N 8-432 ИВТАН. Afanasev K.N., Bondar ' E.A., Virnik A.M., Gormin S.A., D'jachkov L.D., Ilin A.S., Lagar'kov A.N., Shadrina L.P. .Energetically effective transparent thermal filters for window panes. 68 с. Препринт N 8-429 ИВТАН.

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