



Mr. **Marek Jakubowski**, M.Sc, runs a Tactile Diagrams and Computer Graphics Studio called „TYFLOGRAF”, for the last 25 years he has been working as a tactile diagram-educator at the Centre for Blind Children in Owińska, near Poznań, Poland.

He is an inventor of Polish Braille Fonts (standard Marburg Medium and others) that are in universal use in the designing of packaging with Braille overprints as well as in other tactile-cartographic and tactile-graphic descriptions, studies and treatises.

For many years, he has worked at the cutting edge of technologies that enrich the environment of Blind and partially-sighted people.

He is both co-author and author of technology performance / methodology for such items as: tactile diagrams as well as relief maps and plans for blind and partially-sighted people that are presently in use in Poland and Europe.

On the basis of ‘swelling paper’ technology devised by a former team while under his leadership, at the Polish Office of Surveying and Cartography in partnership with the Polish Association of Blind People, have published the following books: Geographic Atlas of Poland, map of Warsaw and Atlas of Europe.

The Chief Surveyor of Poland appointed him as a member of the consultative body for maps for the blind, and in addition he used to cooperate as a tactile diagrams draughtsman as well as a member of the consultative body overseeing the preparation of the Geographic Atlas of Poland, map of Warsaw and Geographic Atlas of Europe for the Blind and Partially-sighted, all this was prepared in the technology he had invented and developed. For all those aforementioned Projects, his Tactile Diagrams Studio was responsible for the printing stage (both: flat printing and relief pressing) as well as for all tactile diagrams – cartographic descriptions, studies and treatises.

He devised a complete foundation (guidelines and procedures) for a new technology (relief screen-printing) of maps and plans fabrication for visually impaired people, and thanks to this method both the blind and partially-sighted can equally perceive tactile diagrams and tactile cartographic reality. Moreover, he is a co-author of substantial foundations as well as an author of tactile diagram study for the public transport plan for the city of Poznań (prepared exactly in this technology) – the first such complex book of this type in Poland. At present this technology in use preparing the World Atlas for the Blind and Partially-sighted by such institutions as GUGIK and PZN and in this project Mr. Jakubowski is responsible for tactile diagrams for maps.

He is an author of the numerous complex concepts of spacial adaptation for the Blind. The Botanical Gardens of the Polish Science Academy in Powsin, Poland have been adapted to the needs of visually impaired persons under Mr. Jakubowski direction according to his own conception and design.

He was a creator and executor of space adaptation of the Arboretum Sensual Gardens in Bolestraszyce, Poland to the needs of visually impaired persons.

He invented and developed his own original technology of polymer rinsing for the needs of self-standing relief plans and tactile wall-maps.

He worked out the technology for signage in building spaces, especially for the needs of the Blind and Partially-sighted people.

Author of the book: “Techniques of creating maps for the Blind”

He is engaged in the studies on tactile diagrams history.

His own Tactile Diagrams Studio publishes some relief books, as well as maps and plans to study spatial orientation for the Blind and Partially-sighted, as prepared in the technologies of relief screen printing, thermo printing, plastic pressing as well as in the polymer rinsing technology.

He has been awarded with prizes from the Minister of National Education many times.

Medal-winner of the National Education Commission.

Winner of the First Prize of the Minister of Infrastructure in 2006 for outstanding achievements in the filed of cartography.

Decorated with silver order of Polish Association of Blind People.

A Knight of the Order of the Smile.

**STUDIO TYFLOGRAFIKI**

  
**T Y F L O G R A F**

