

*Dr. Eng.  
Nader Riad*

### **Little Deliberation ... More Respect**

Many hasty pens have written in disregard about the subject of the Egyptian rubber eraser which is an annoying matter to me and many others, especially after the declaration of our Minister of Industry, Eng. Tarek Kabil, about the first Egyptian rubber eraser production; some deliberately belittled such announcement as an insignificant achievement for a minister to declare by himself. In addressing these pens, I would like to say: The Egyptian industry is an integrated structure where the manufacture of good-quality pencils and rubbers for every child is an important matter that serves the educational process; it is no more acceptable to provide children with low-quality pencils or rubbers.

Let's go back in memory when the leader Gamal Abdel Nasser planned to change Egypt from an only agricultural country to an industrial one, too. In 1957, Nasser brought Professor Schacht; one of the prominent German Industrial Planners – according to the deceased Dr. Ismail Rashid, Professor of Aeronautical Science at Cairo University – where Nasser asked Professor Schacht to prepare an industrial plan for production of fighter aircraft and guided missiles and liquid fuel. The professor asked Nasser: Do you manufacture commercial planes, cars, motorbikes, bicycles, forks, knives, spoons, pencils, sharpeners? Aziz Sedki, Minister, answered by No; that made Professor Schacht recommend them to start with pencils and rubber erasers up to the last item in the industrial system. Nasser got irritated by the professor's reply considering it politically unacceptable however, it was comprehended by Aziz Sedki interpreting the fact that the industrial system commences in an ascending order that begins with pencils and rubber erasers, not the vice versa.

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Later on, Aziz Sedki visited the Soviet Union along with a company of Egyptian engineers to discuss the mutual cooperation between Egypt and the Soviet Union regarding the expected change of Egypt to an industrial country; on his return back to Egypt, Sedki had an ambitious plan to establish rubber eraser and pencil factories as well as table tools, Nasr cars and others. By time, many improvements had taken place on iron and steel factories which are supplied with metals institutes to sustain the related development researches required for enhancing the steel system in Egypt; in addition to the establishment of table tools and presto cooking pans manufacture that were produced by 99 military factory. Egyptian Organization for Standardization & Quality was also established as well the Industrial Control Authority and National Quality Institute for provision of the latest in the international quality systems needed for development.

These factories were established under the supervision of efficient engineers for preparing industrial leaders through providing them with the industrial management sciences including accounting, costs, labor laws, government administrative systems, import and export regulations, training and human resources sciences, where engineering programs at universities lacked these necessary sciences for preparing an engineer to be an efficient engineer and a manager.

By time, this industrial renaissance has proven to achieve a lot of successes and failures as we stand on the verge of a phase to witness these integrated elements of such blissful industrial renaissance phase. Looking at what we lack of essential industries, we will find that we still need to enhance pharmaceutical, spinning and steel industries without neglecting the fact that Egypt doesn't manufacture quality ropes, axes and pipes nor rubber erasers, or pencils nor triangles, protractors, rulers, nor all measurement tools, assembly and disassemble

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equipment that also include screws, hammers of all types according to the international standards.

To all these pens that we respect in criticizing our ministers not only the Minister of Industry; I would like to amicably advise them: Little Deliberation ... More Respect.

We must not forget that no matter how varied the industries are; all of them are supposed to be an integral part in supporting one another; as well paving a solid foundation that enables for hierarchal expansion that its top gets higher only when its base is expanded with varieties.