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 22nd May 2006
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Background of Innovation

A]

Innovation is my hobby from child hood and has become my profession and lively hood. I have worked in various fields viz, Mechanical, Chemical, Adhesives, Heat Treatment, Electroless plating, Health and medicine Agriculture, production, marketing, etc.. **This has been done inspite of my MSc. Degree in Zoology [Entomology].**

For 4 years I worked in Central Tobacco Research Institute, at Rajahmahendry AP, India [1956to 1961]and published 6 research papers, in Entomological Journal.

In 1962 I was offered a job Design Engineer, in Kirloskar Brothers Ltd Company, in India. A big and reputed group of engineering.

Here is a brief note on my work and few major products which I have innovated, in Kirloskar company. and then after retirement, I have developed new products, produced on my terrace lab, and sold to companies having ISO marks.

B

1] I was offered a post as Head of Design and Development Department of Agri Implements in Kirloskar Bros. Ltd at Kirloskarwadi District Sangali, State of Maharashtra, India, by Shri Shantanurao Kirloskar, because, he has taken my seed drill Patent on license for production, on royalty basis.[in the year 1962].

2] And now, Recently from 13 th march 2007, I have been entrusted to work, as a guide, in “ Pune Engineering College”, Shivaji nagar Pune, to develop new products and projects, and guide the Entrepreneurship cell, with the help of students and various Faculties.

3] In Kirloskar Bros. I have developed a Power Tiller working on 3.5 hp [Three and half HP] diesel engine. This tiller was pulling a 12inch by 10 inch plough [120 sq.inches] in black cotton soil, which was impossible by any standards.. The Demonstration of. this design was seen by Sri S.L.Kirloskar and by all Managing Directors of the Kirloskar Group. and was taken up for production.

- 4] I have designed a common frame for fitting all types of ploughs on one frame and it was also Patented by Kirloskar Bros Ltd.. I have designed and developed suppliers for Tractor Implements for Kirloskar Tractors Ltd.
- 5] I was transferred from Kirloskar Bros to Kirloskar Tractor Ltd at Nasik in the year 1979 and retired as an Executive Marketing, controlling 6 States, I had an award of "All India Highest sales" for 3 years, for selling tractors.

C

After my retirement I have started my own company "AVP %Co and developed the following products, produced them and marketed for several years, All this work was done on my own Terrace Lab, without having any sophisticated equipment or facility. These products were sold to companies who have ISO marks.

- 1] Developed a Product **for acidic and high temp. corrosion resistance for 1200 degrees centigrade and above, for sulfur dioxide plant [and other similar high temp. applications]** and marketed and sold to ISO companies. like Indian Rayon Ltd, Satwick Electric Control Ltd ,Mico India,Prefered Tools.[a German company] Sugar Factories,etc This product is called by name HTA.Such type of product is not available in USA also, recently Energy commission of USA wished to take trials on Coal burning Plants.
- 2] Made an import substitution for **Canopy polishing paste for Mig Aircraft** and I was a sole manufacturer and supplier for Hindustan Aeronautics Ltd and all Air bases in India. For this product even 3M also given trials without any success.
- 3] Developed a non transferable Adhesive for stickers for luggage bags of VIP Co. and is being used for their export consignments . This development is a modification done in PSA adhesive.
- 4] Developed and produced **Electro less Copper plating solution for Piston Rings of Victor Gasket Co. Nasik, India.** Whose collaboration is with Dana Corporation of America. It gives 2 to 3 micron thick permanent copper coating to prevent rusting..
- 5] Developed and marketed an effective **Mosquito Repellent Candle** [made from herbs].
- 6] Developed **Water proofing** solution WRP. For buildings, Water tanks, cracks in wood, tin and asbestos. This product I am selling till today.
- 7] I had **Diabetes, Asthma and BP** for which I have experimented on myself and is able to control my blood sugar at normal level without medicine.. My articles on them [on .Diabetes and Asthma] were published in Magazines and Daily News papers.

My work on Diabetes research " Apple controls Blood Sugar in Diabetes Type II" is approved by

" Academy Health Research Org. USA" for poster reading in their conference held in the month of June 2003. and is published in

various forums in USA.and also in Bimonthly magazine of Diabetic Association of

India , Pune Branch. It is also published in Magazine of “Health Care” of New Zealand. and In Suit 101. and full article was published in Sakal Daily paper of 4 th Sept which is having 1.5 million circulation. and Gavakari of Nasgik.

- 8] I have designed a **Staple remover** and got Patent in USA having patent no.6224,035 B1 Dated May1st 2001. The entire Patent us written by me.
- 9] Developed a Tube Squeezer for collapsible tubes[Patent pending in USA]
- 10] Developed a NO Carb paste for Differential heat treatment for gears etc which does not allow nascent carbon to enter in to the material at 1200 degrees centigrade. This paste is developed to keep the material soft and does not allow it to harden it, during the heat treatment.
- 11] I started my own company by name AVP& Co in the year 1984. to introduced these products, and sold them in the market. till 1998
- 12] I was offered Distributorship, to sale Loctite adhesives[from USA,] in 6 Districts and 100 sugar factories. in Maharashtra state, India and got, All India best dealers awards for 3 years, for market development and for maximum , all India sales.
- 13] Developed a leafy vegetable remover cum cutter.
- 14] Recently I have developed an **adhesive tape dispenser , which is very simple and costing about 3 Rs.** to manufacture.
- 15] I have developed many more good products which have export market, these can be discussed in person.
- 16] Apart from this, I write my own patents and submit them. .
- 17] I have these and other Consumer and Industrial Products and designs in the pipe line ,which will have good market in USA and elsewhere,
- 18] I am a Green Card holder of USA.
- 19] I wish to do consulting jobs for Innovation and Marketing.
For which I have now started a new consultancy as
“Consultants-Innovations “ please see next page for details

With Warm Regards,

D.P.Parkhe

Consultants- Innovations

Lastly

All this work in varied and in unknown fields is possible by a person like me, because I work on the following principle:-

“If I have to develop or improve a water pump, I become water and pass through the pump and the answer comes automatically.

See below

Aims of- Consultants-- Innovations

You will very well realized, the great difficulties and obstacles at every point, which I might have experienced , to think of new idea/product, develop the idea/ products of the above nature, produce them, on my terrace lab, and market them to reputed ISO concerns, without having any support or recourses,

I have therefore decided to give a helping hand to those inventors, who have brilliant and unique ideas or products, which have a great potential to commercialize them. but do not have any means to develop them and bring them in market.

To help such innovators I have started the above mentioned company.

We help to find out manufacturers and marketing organizations for those who have unique products having great potential.

We therefore request all concerned to enroll with us , who have such products and need help.

All the information provided to us, will be treated as confidential and if required we will give a non discloser agreement.

We also request, to those manufacturers and marketing Organizations, to enroll with us, who are in search of such unique products, Projects, which will have a great market potential.

We will help to those products, which are of consumer or of industrial nature.

Thus, one will get everything, under one umbrella.

Hope to receive your co-operation.

With Warm Regards,

D.P.Parkhe

Consultants Innovations

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up to 10 May,2007