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SHOCKS THAT COOL

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ABSTRACT

Since, 20th century it was clear that our natural resources are fixed and we have to conserve it. So ,in this condition a clothing was required that reduces some burden on the resources and fulfill the future demands.

So, as due to global warming the temperature is increasing day by day. We design a shocks that saves mankind by providing a cooler environment to the part which is exposed most to the heat (heat of environment+ earth's heat).

Actually the shocks is a blend of:-

1. *Plastic fabric-polyethylene.*
2. *Cotton Voile – Great drape.*
3. *Cotton Lawn –light Weight, Slightly Crisper.*
4. *Knit – Light or Medium weight, Great deal to stretch.*
5. *Linen – Medium Weight with Little elasticity (hence wrinkles).But it conducts heat very well.*

Working of material :-

1) The material allows perspiration which later turn to evaporation through the material.

2) It also allows heat that body release /emits as infrared radiation to pass through the plastic textile which was not possible in simple cotton shocks.

I. INTRODUCTION

The main purpose of paper is to discover a shocks which cool the environment upto 4-5 degree centigrade . The shocks will enhance the public health related issues and help to preserve our natural resources.

1.1 Terminology

Plastic fabric :- plastic fabric is a low cost plastic material that cools be wearer plastic fabric can also become the basis for garment that cools without air conditioning it generally belongs to the polyethylene .

Indentations and equations

Plastic fabric (25%) + cotton voile (25%) +cotton lawn (20%) + linen (18%) + knit(12%)

Industrial grade plastic/polythene (offering high optically and thermal transparency)

+

Benign chemicals

To enable the water vapour molecule evaporate through nanopores in plastic finally layer of cotton between two pieces modified plastic sheeting

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Wicking fabric is a forms which has a mini structure tube ,non-absorbant fabric ,moisture get pulled into the fabrics inner surface area without getting structure to fabrics and that allows the fluid or moisture to get much more quickly (example – wicking material as base material as has insulating properties as cotton absorbs sweat becomes wet and become inductive so, Feet stay dry.

1.2 Advantage

Help to prevent many skin rashes due to heat within legs .

Withstand the global warming to some extend .

Beneficial for our soldiers.

Can be wore for quiet a long time .

Can withstand rise of mercury. This creation performed better then cotton .

1.3 Heading

Introduction

Terminology

Indentation and equations

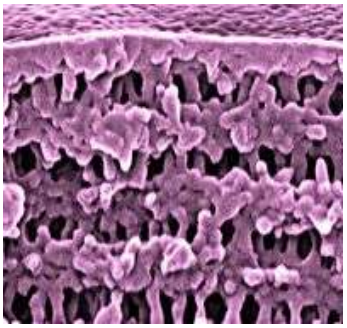
Figure and table

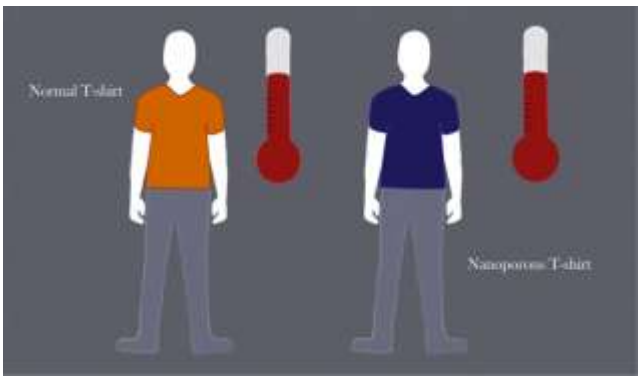
Conclusion

Acknowledgement

References

II. FIGURES AND TABLE





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II.CONCLUSION

This may lead to formation of a textile fabric which cuts heating effect and cool the surface to some extend.

III.ACKNOWLEDGEMENTS

I was influenced to research on the topic by noticing the sweat coming out through legs and its absorption phenomenon.

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About the author

	Afzal Reza is a student of LNCT Bhopal. He is pursuing bachelor of chemical engineering .Currently he in VII semester.In the above paper he has researched on materials and its type and set the base for the further research.
	Kumar Aman is astudent of Lnct Bhopal. He is pursuing bachelor of chemical engineering and currently he in III semester.He is an assosciate researcher at scan lab .In the above paper he has blended the material to conclude desire result.
	Nitish Kumar Tiwary is a student of Lnct Bhopal . He is currently pursuing civil engineering and is in III semester.He has played an important role in documenting and concluding in above paper.
	**Ketika Shah is a student of III semester Lnct Bhopal. She is pursuing chemical Engineering .In above paper she have contributed in researching and editing .**