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CONTENTS OF THIS NUMBER:

Anapor the Mills Bleaching Bleaching Cotton Braydou Twine Factors Boiler Harla Surfaces. How they should be calculated Coast Coast Coast Corner foot, Notable Corner foot Cutton Connection of Cotton Connection		FAGE	N 2.	PAUF.
Bleaching Cotton Braydon Twine Factors Boiler Hails Surfaces, How they should be alkelulated. Coast Coast Carpots, Notable Contraction Process Contraction of Cotton Contraction	Acaong the Mills	ູ້ ຊ່າ ດ ີ	L Jacquard, osenh Marie	- 800
Sicarding Cotton Brandon Twine Factors Boiler Hails Surfaces, How they should be calculated. Big Woolen Mills for the Pacific Coast Captes, Notable Controls, Notable Contraction of Cotton Connation Carpet. Contraction of Cotton Connation Corpet. Contraction of Cotton Connation Corpet. Contraction of Cotton Connation Cotton Connation Corpet. Contraction of Inventors Connation Corpet. Contraction of Inventors Connation Corpet. Contraction of Cotton Connation Corpet. Contraction of Inventors Connation Corpet. Contraction of Cotton Cont	Bleaching		I now and 1973. Toleran	: 30 6 ⋅
Carriots, Notable 201 Curious diercerization Process 207 Cloth Hidden in Paper 200 Contraction of Cotton 205 Contraction 205 Contracti	Bleaching Cotton	. 400 '	Litter Wolfs.	ioo .
Carriots, Notable 201 Curious diercerization Process 207 Cloth Hidden in Paper 200 Contraction of Cotton 205 Contraction 205 Contracti	Brandon Twine Factor	- 213	Metric System and the Toxile	
Carriots, Notable 201 Curious diercerization Process 207 Cloth Hidden in Paper 200 Contraction of Cotton 205 Contraction 205 Contracti			Trades	Let :
Carriots, Notable 201 Curious diercerization Process 207 Cloth Hidden in Paper 200 Contraction of Cotton 205 Contraction 205 Contracti	- should by calculated	. 20S	Milder	207.
Carriots, Notable 201 Curious diercerization Process 207 Cloth Hidden in Paper 200 Contraction of Cotton 205 Contraction 205 Contracti	Big Woolen Mills for the Pacific		New Textile Fibre	, vii
Curious Mercerization Process Cloth Hidden in Paper Contraction of Cotton Contraction of Inventors Contraction of Cotton Cotton of Inventors Cotton of Inventor Cotton of	Coast		Porsonal	. 105
Curious Mercerization Process Cloth Hidden in Paper Contraction of Cotton Contraction of Inventors Contraction of Cotton Cotton of Inventors Cotton of Inventor Cotton of	Carriots, Notable		Profitable Rog Worving	211
Cloth Hidden in Paper Coronation Carpet. 265 Contraction of Cotton 265 Chance for Inventors 265 Cometa for Inventors 265 Cometa for Chion Motal 265 Cometa for Chion Motal 265 Cometa for Chion of Matchinery 266 Robbers Repetiment in 266 Singering footh, New Device for 267 Singering footh, New Device for 266 Singering footh, New Device for 267 Singering footh	Curious Mercerization Process		Power Loom, Development of	. aor
Contraction Carnet. 205 Contraction of Cotton 205 Chance for Inventors 205 Chance for Inventors 205 Contraction of Cotton 205 Chance for Inventors 205 Contraction of Cotton 205 Chance for Inventors 205 Contraction of Cotton 205 Contraction of Machinery 205 Contraction of Cotton 205 Contraction 205 Contraction of Cotton 205 Contraction 205 C			Rubbers, Use for Old.	206
Contraction of Cotton Chances for Inventors		205	Sheep Dehtistry, Experiment in	. 206
Chance for Inventors				
Comment for Cloth on Motal 19 19 19 19 19 19 19 19 19 19 19 19 19	Chance for Inventors		Strukers Boycott a Church	. ana
Dycing Wohl in Hall Wool Goods with Acid Pyees Engineering Feet in a Spinning Engineering Feet in a Spinning Exolution of Machinery Exol	Compation Ciath on Motal	202	Textile Fabrics made of Wood Puls	2 3 8
with Acid Pyes. Engineering, Ecok in a Spinning Mill Service	Dreide Wool in Half Wool Good	6 . • · ·	Tapestries for the Coronation	acr.
Engineering, Fent in a Spinning Mill Sort Mill Engineering, Fent in a Spinning Engineering, Fent in a Spinning Engineering, Fent in a Sort Unique Table Hilling Work End Saver, A Perfect Sort Waste End Saver, A Perfect Sort Width and Velocity of Eelting Woolen Manufacturers. 193				
Evolution of Machinery 2014 Famous Industrial Village 311 Famous Industrial Village 311 Famous Industrial Village 311 Foreign Textile Ce bres 411 Waste End Saver, A Perfect 201 Width and Velocity of Belting 201 Woolen Manufacturers 191			Textile Design	. 301
Evolution of Machinery and Vingorial blood of the Sarah Carlot of	MBII The State of	302	Ungreenable Aniline lilack	
Famous Industrial Village	Evolution of Machiners	. 21E	Unique Tablecinth	304
Famous Industrial Village	Pabric Stems	. ` 333		•
Pulling and Oling thra 207 Waste End Saver, A Perfect 202 Width and Velocity of Belting 202 Greek Bossed Sheep 217 Woolen Manuacturers			Wool Sorting Trude, Parsing of	#0g
Pulling and Oling thra 207 Waste End Saver, A Perfect 202 Width and Velocity of Belting 202 Greek Bossed Sheep 217 Woolen Manuacturers	Poreira Textile Ce tres.	107	Washing Underwear	207
Green Breed Sheep 211 Woolen Manufacturers	Pulling and Oling thra	207	Waste End Saver, A Perfect	. 202
Greek Breezed Sheep 211 Woolen Manufacturers	Elien Chused by Nails		Width and Velocity of Belting	
			Woolen Manufacturers	, , 195
		201	Wool-Market, The	198

THE METRIC SYSTEM AND THE TEXTILE TRADES.

The metric system of weights and measures was one of the many outcomes of the French revolution. that great upheaval which turned Europe topsy-turvy in so many different ways. At the close of the eighteenth century, there were, perhaps, a hundred different systems of weighing and measuring articles in France, each province and district having its own local customs. A commission of scientific men was appointed to frame a simple system which should be adopted by the whole country. The result was the

metric system, by which all measures were based on the decimal system of notation, in the first place, and in the second place all measures, whether of length, weight, area, volume or capacity, were related to each other. How simple this is can be appreciated by a study of the chart of the metric system, recensis published by the proprietors of this Journal. The cause range of weights and measures is he are an a single sheet, and the whole system make creat in mil ing the derivation of the words used. This chart. which can be had at ten cents, should be in the pos session of everyone connected with the textile tracks and all other trades for that matter-not only because of the frequent and groving use of metric terms in the mill and dyrhouse, but is an object lesson demonstrat ing the superiority of the metric system for everyday use. We do not hesitate to say that half an hour's study by any person of average intelligence will enable him to understand the principles of the system. and when the reader goes back to his school days and remembers the days of study required to master our Dyn tables of weights and measures, he was appreciate what the metric system saves in time and study to any beginner. Indeed, it is estimated that to the average man in the average business of life and having an average amount of "figuring," the change from our complicated English system to the metric system would mean a saving of three or four years in actual In other words, the average man could have three or four years added to his life, or saved for other work. Take English weights as an example of the unnecessary complications of the system we labor under. We have a table of Avoirdupois weight for ordinary commicree, a table called Apothecaries weight, used by druggists, and another called Tray weight, used for the weighing of precious metals, besides the weight for weighing precious stones. Now all these various purposes could be served by one simple table of a greater range, and the metric system provides it. It not only provides it, but by a table based on our decimal system of notation —that is ten measures of one denomination make one of the next higher; whereas in our English weights the numbers