

GLOSSARY OF WEAVES

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GLOSSARY OF WEAVES

Serial 501

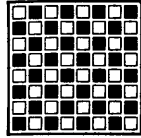
Edition 1

INTRODUCTION

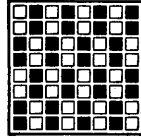
The **weave**, or method of interlacing the warp and filling yarns, is, in the majority of fabrics, of primary importance, since it not only determines the actual structure of the cloth, but also greatly affects its ultimate appearance. Thus, fabrics composed of warp and filling yarns of the same material and counts vary greatly in appearance if woven with a plain weave or with a twill weave, etc. In designing fabrics of various types and constructions, it frequently happens that difficulty is experienced in obtaining a suitable weave with which to construct the cloth. It is also of great advantage to the designer if, when designing a fabric, a weave can be selected from a number of weaves that will give the best result and is best suited to the type of fabric that it is desired to produce. The utility of a collection of the more common and valuable weaves used in textile designing, arranged and classified in a comprehensive manner, is therefore readily apparent. In this glossary, a large number of valuable weaves are given, classified according to the number of ends on which they are complete. Thus, in case a designer is laying out a fabric that it is desired shall be woven with a weave complete on 8 ends, a large number of weaves complete on this number of ends are available, from which a suitable weave may be selected. It will be understood that this collection of weaves does not contain every known weave, since it is possible to construct many thousands of different weaves; in fact, the number of weaves that may be

made is unlimited. The collection of weaves given, however, is complete enough for all ordinary purposes and contains examples of those types in most frequent use and that are therefore of more particular importance. While in some cases it may be found that none of the weaves contained in the glossary exactly meet the requirements of a designer who wishes to produce a certain fabric, yet the weaves shown will often be of service in suggesting new ideas for the construction of a weave suitable for the cloth that it is desired to produce, or it may even be found that a slight alteration of some one of the weaves shown will so change its structure and the effect that it will produce in a fabric as to render it perfectly adapted to the purposes of the designer. The weaves given are numbered consecutively, and throughout the following Sections dealing with the various features of textile designing, frequent reference is made to them.

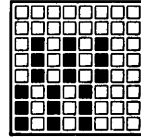
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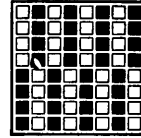
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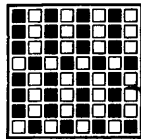
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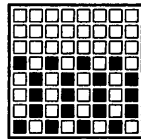
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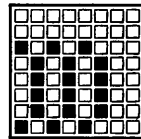
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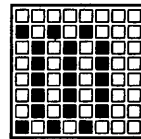
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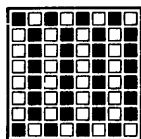
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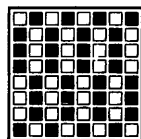
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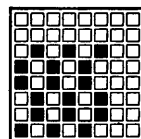
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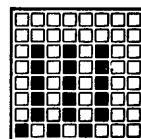
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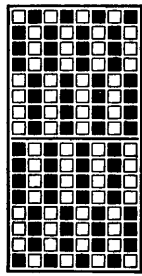
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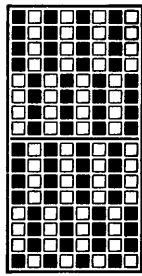
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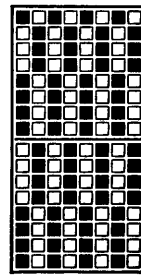
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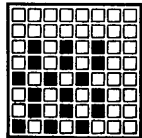
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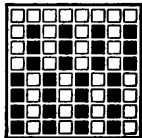
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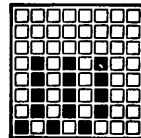
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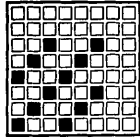


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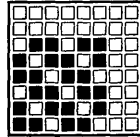


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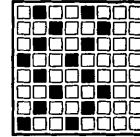
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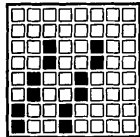
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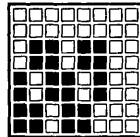
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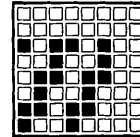
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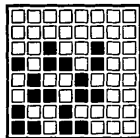
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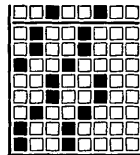
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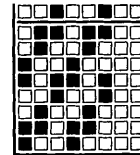
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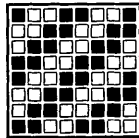


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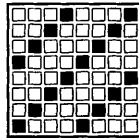


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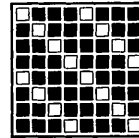
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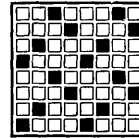
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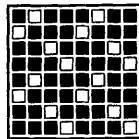
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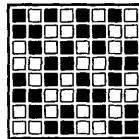
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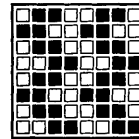
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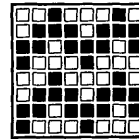
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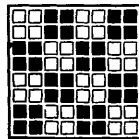
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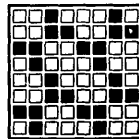
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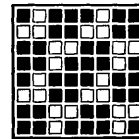
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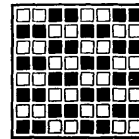
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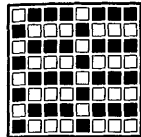


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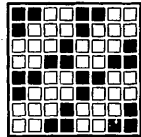


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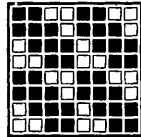
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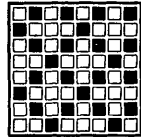
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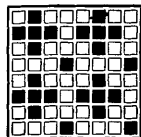
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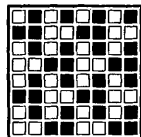
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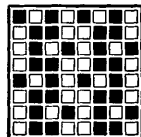
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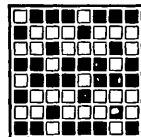
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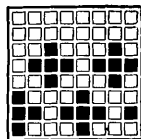
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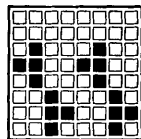
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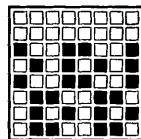
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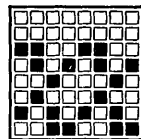
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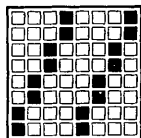
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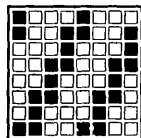
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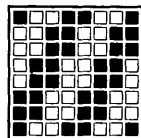
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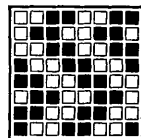
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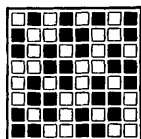
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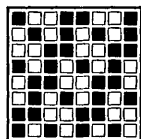
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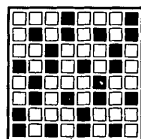
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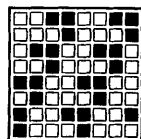
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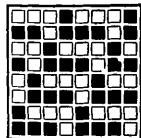
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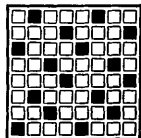
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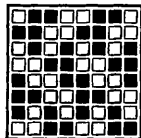
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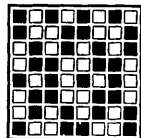
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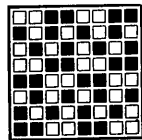


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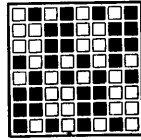


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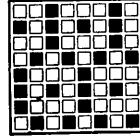
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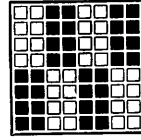
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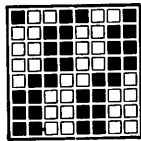
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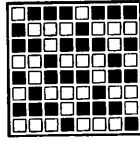
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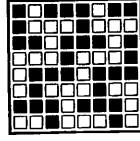
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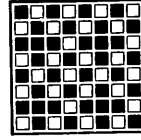
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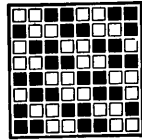
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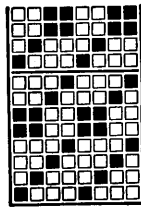
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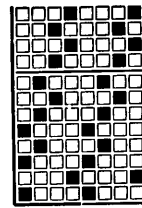
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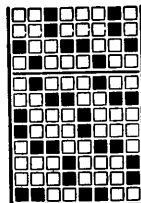
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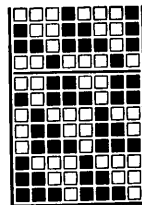
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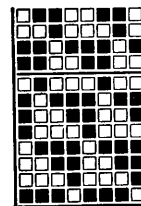
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GLOSSARY OF WEAVES

WEAVES COMPLETE ON 5 ENDS



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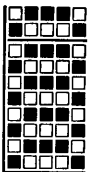
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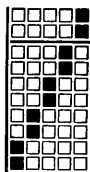
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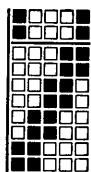
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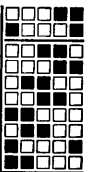
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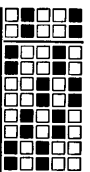
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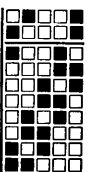
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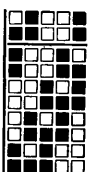
93



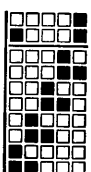
94



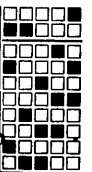
95



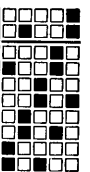
96



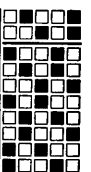
97



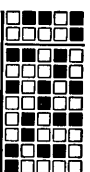
98



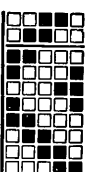
99



100

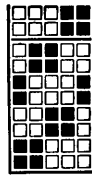


101

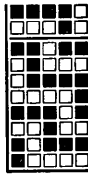


102

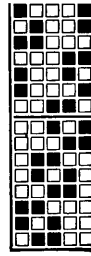
WEAVES COMPLETE ON 5 ENDS—(Continued)



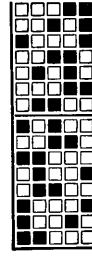
103



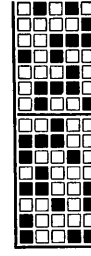
104



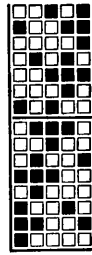
105



106



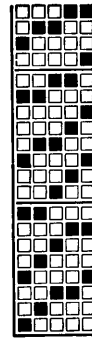
107



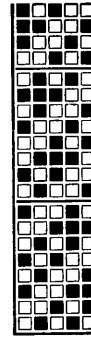
108



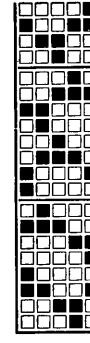
109



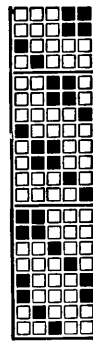
110



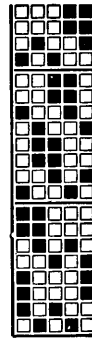
111



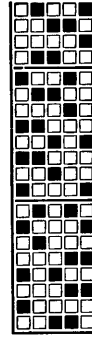
112



113



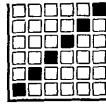
114



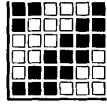
115

GLOSSARY OF WEAVES

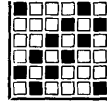
WEAVES COMPLETE ON 6 ENDS



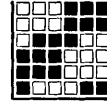
116



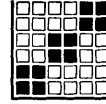
117



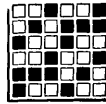
118



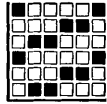
119



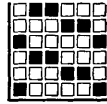
120



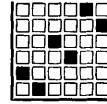
121



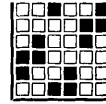
122



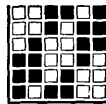
123



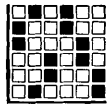
124



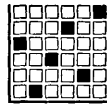
125



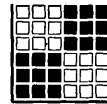
126



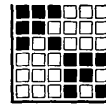
127



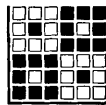
128



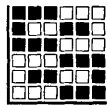
129



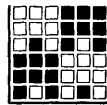
130



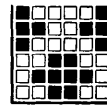
131



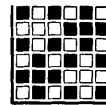
132



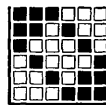
133



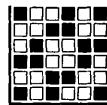
134



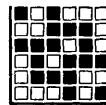
135



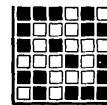
136



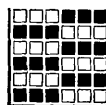
137



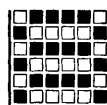
138



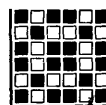
139



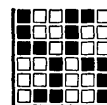
140



141

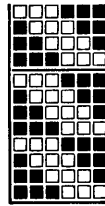


142

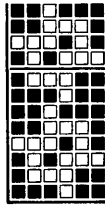


143

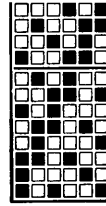
WEAVES COMPLETE ON 6 ENDS—(Continued)



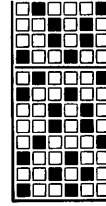
144



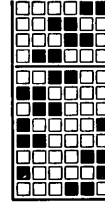
145



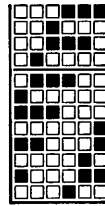
146



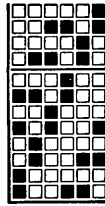
147



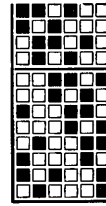
148



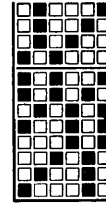
149



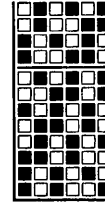
150



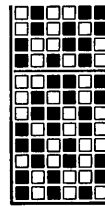
151



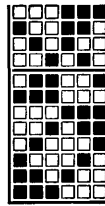
152



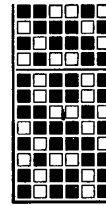
153



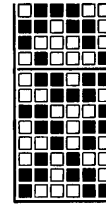
154



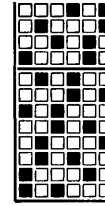
155



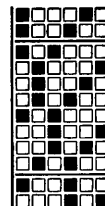
156



157



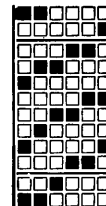
158



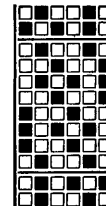
159



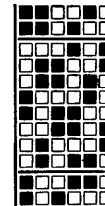
160



161

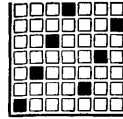


162

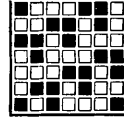


163

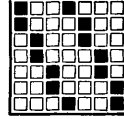
WEAVES COMPLETE ON 7 ENDS



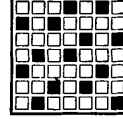
164



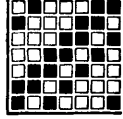
165



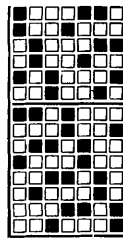
166



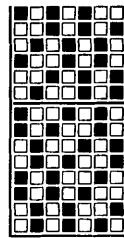
167



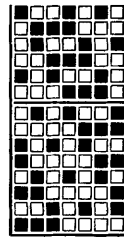
168



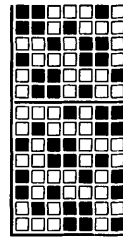
169



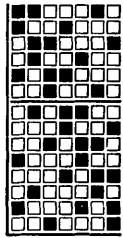
170



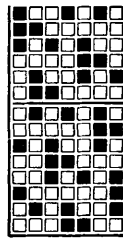
171



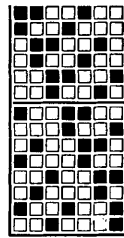
172



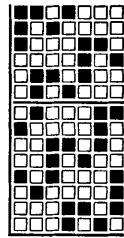
173



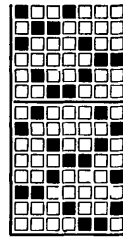
174



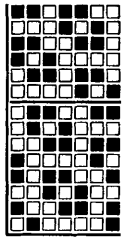
175



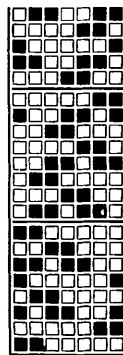
176



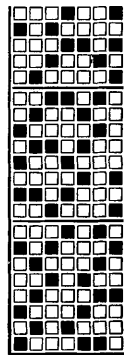
177



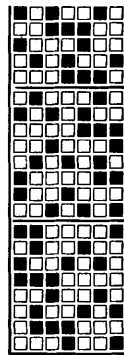
178



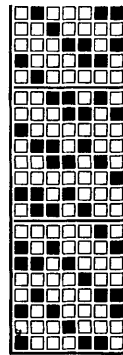
179



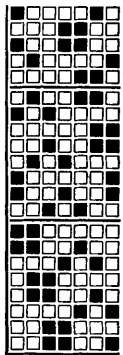
180



181

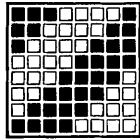


182

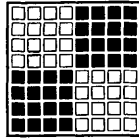


183

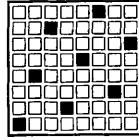
WEAVES COMPLETE ON 8 ENDS



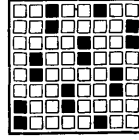
184



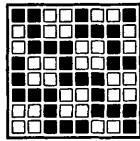
185



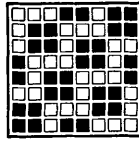
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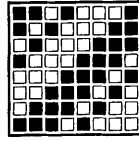
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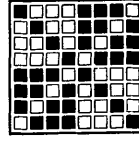
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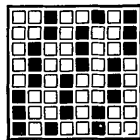
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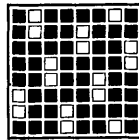
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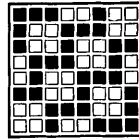
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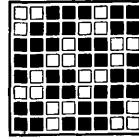
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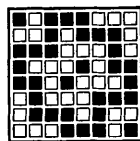
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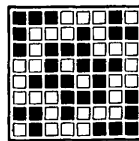
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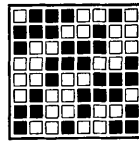
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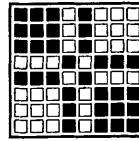
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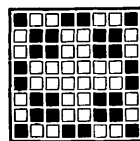
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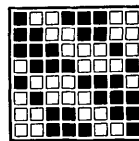
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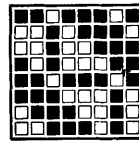
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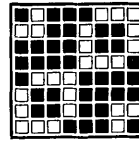
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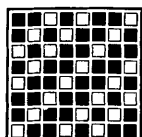


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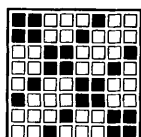


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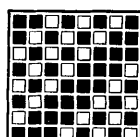
WEAVES COMPLETE ON 8 ENDS—(Continued)



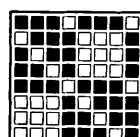
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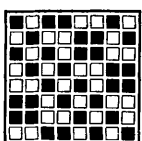
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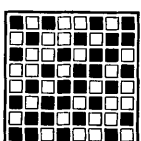
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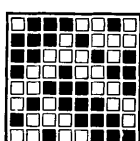
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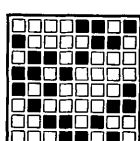
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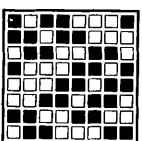
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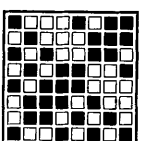
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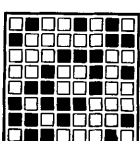
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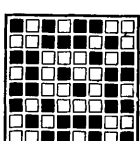
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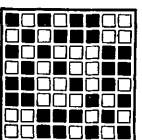
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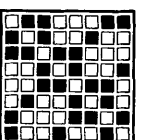
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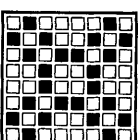
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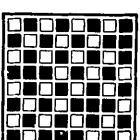
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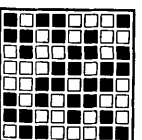
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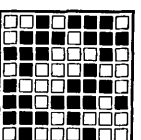
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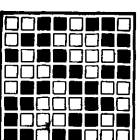
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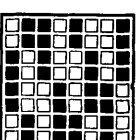
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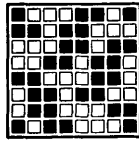


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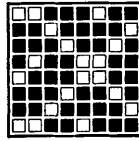


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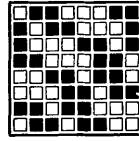
WEAVES COMPLETE ON 8 ENDS—(Continued)



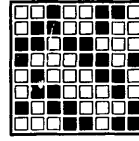
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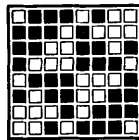
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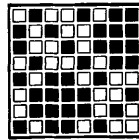
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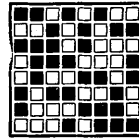
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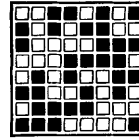
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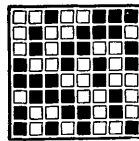
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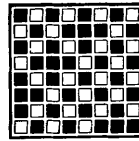
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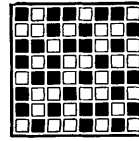
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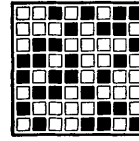
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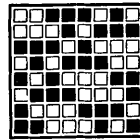
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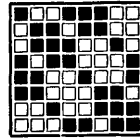
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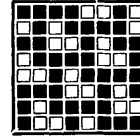
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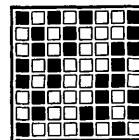
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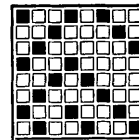
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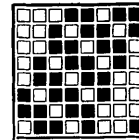
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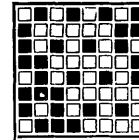
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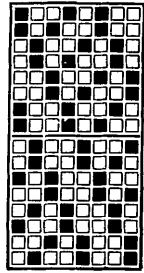


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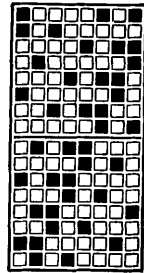


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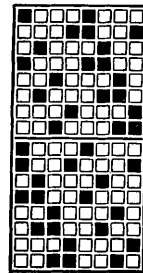
WEAVES COMPLETE ON 8 ENDS—(Continued)



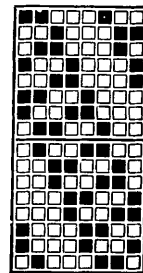
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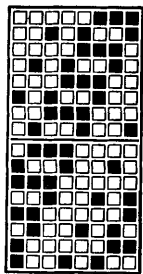
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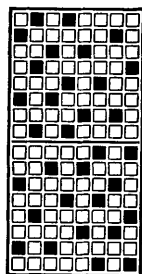
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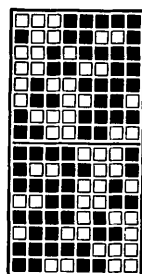
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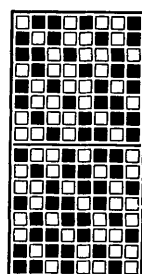
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248



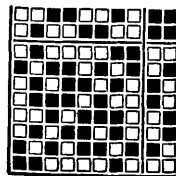
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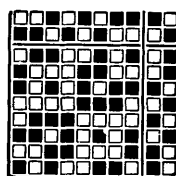
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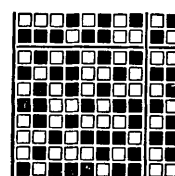
WEAVES COMPLETE ON 10 ENDS



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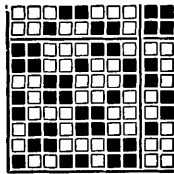


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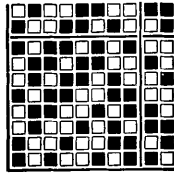


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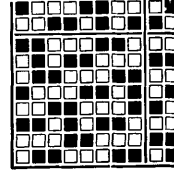
WEAVES COMPLETE ON 10 ENDS—(Continued)



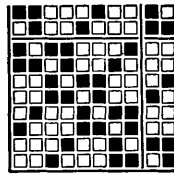
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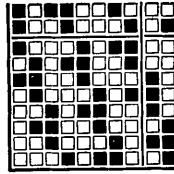
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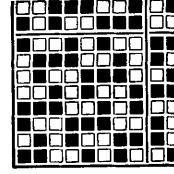
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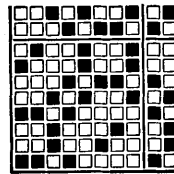
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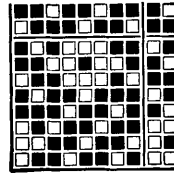
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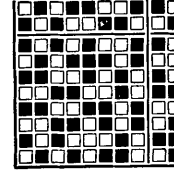
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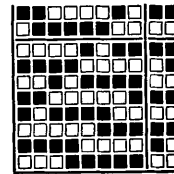
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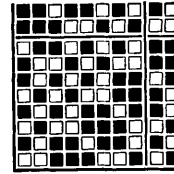
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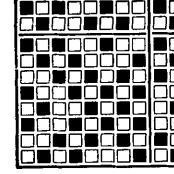
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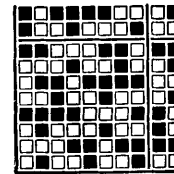
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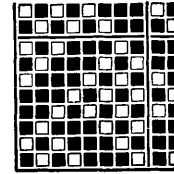
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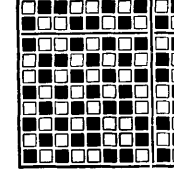
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266

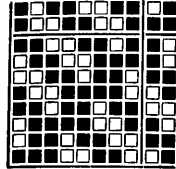


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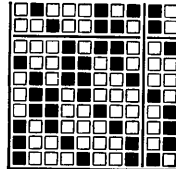


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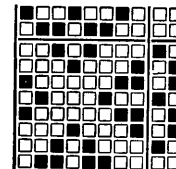
WEAVES COMPLETE ON 10 ENDS—(Continued)



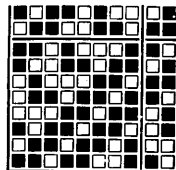
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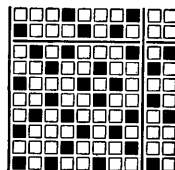
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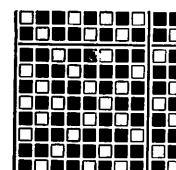
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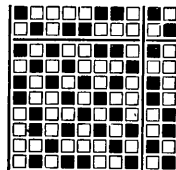
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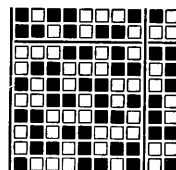
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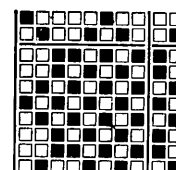
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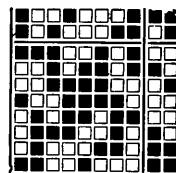
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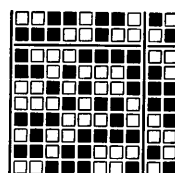
276



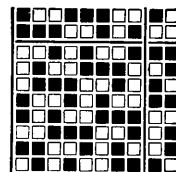
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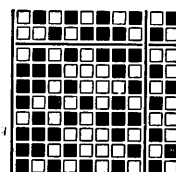
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279

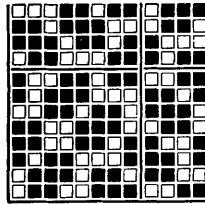


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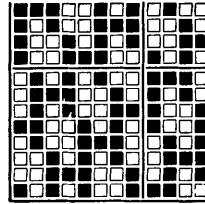


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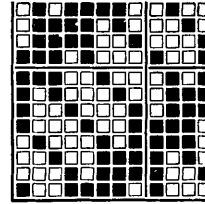
WEAVES COMPLETE ON 12 ENDS



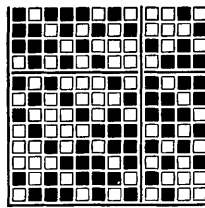
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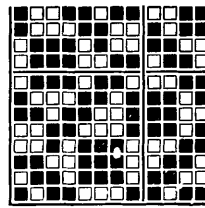
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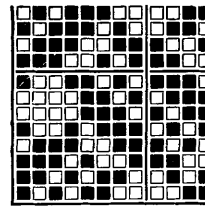
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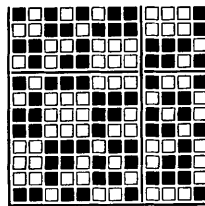
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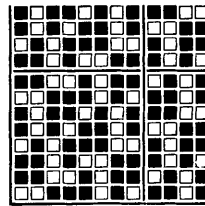
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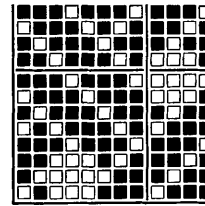
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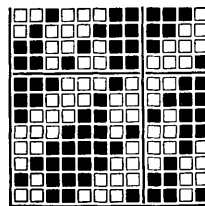
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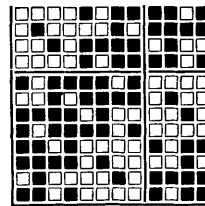
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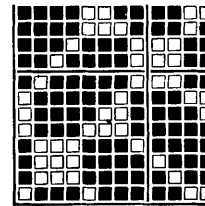
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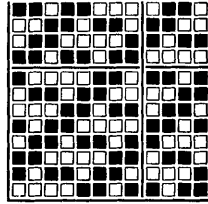


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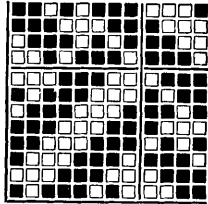


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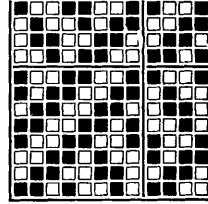
WEAVES COMPLETE ON 12 ENDS—(Continued)



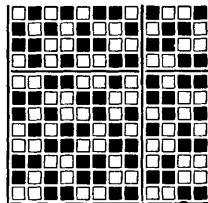
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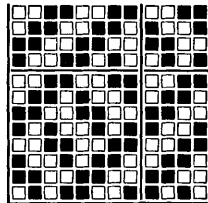
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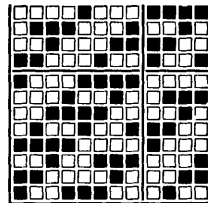
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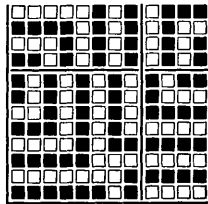
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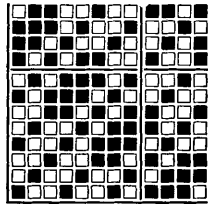
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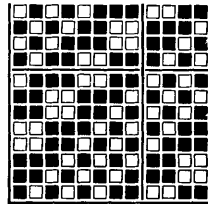
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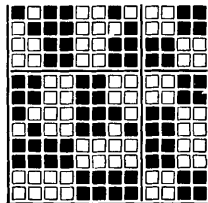
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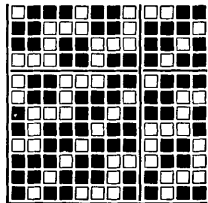
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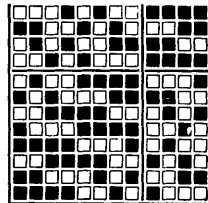
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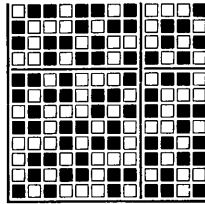


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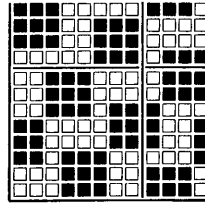


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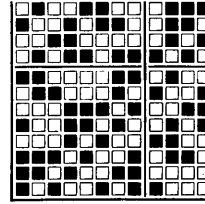
WEAVES COMPLETE ON 12 ENDS—(Continued)



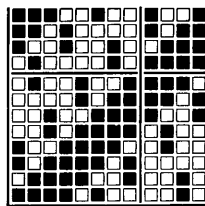
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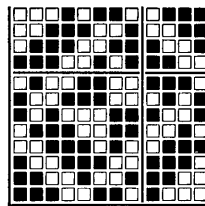
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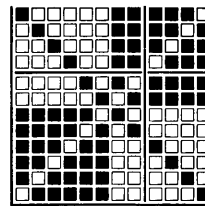
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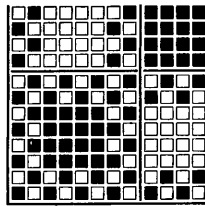
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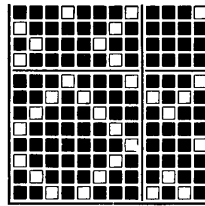
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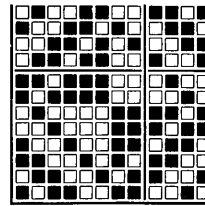
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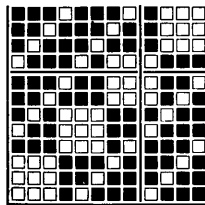
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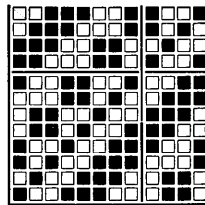
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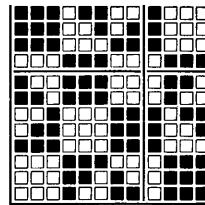
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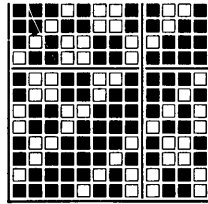


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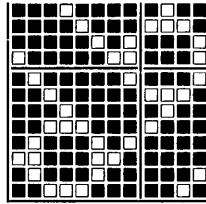


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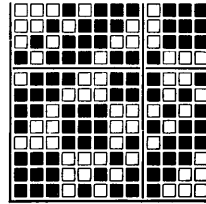
WEAVES COMPLETE ON 12 ENDS—(Continued)



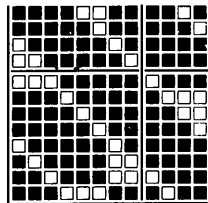
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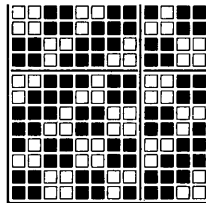
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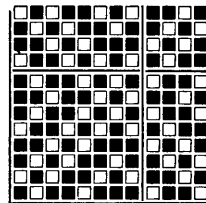
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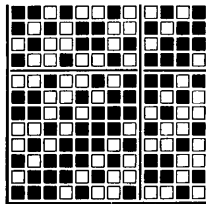
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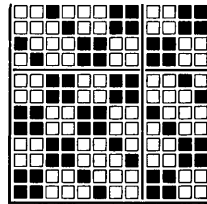
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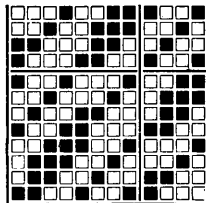
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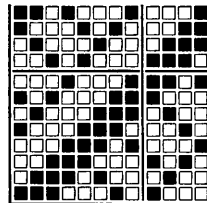
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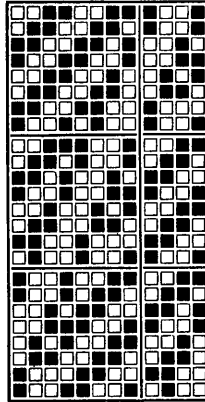


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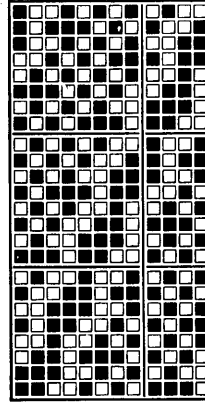


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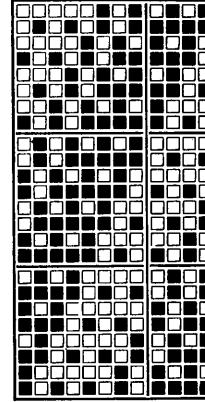
WEAVES COMPLETE ON 12 ENDS—(Continued)



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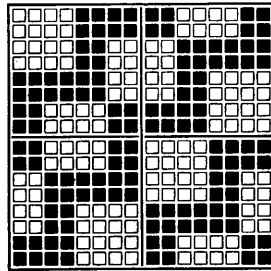


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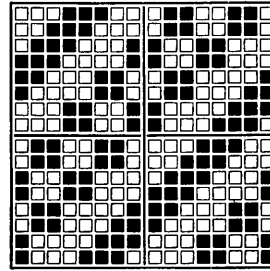


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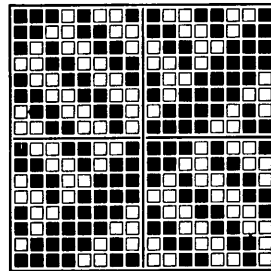
WEAVES COMPLETE ON 16 ENDS



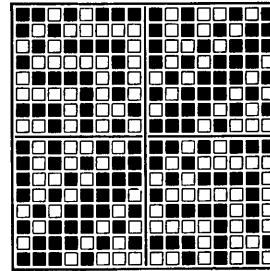
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332

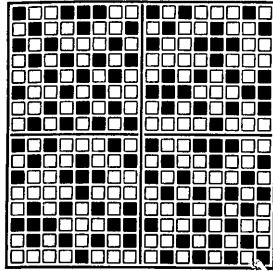


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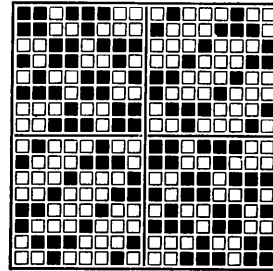


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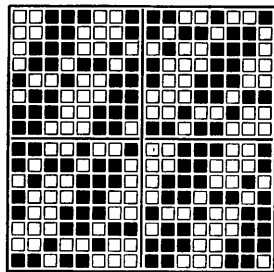
WEAVES COMPLETE ON 16 ENDS—(Continued)



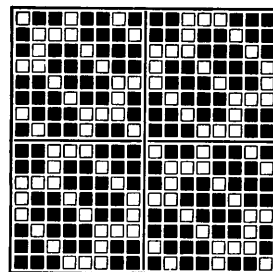
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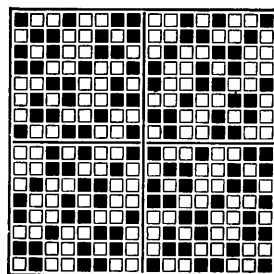
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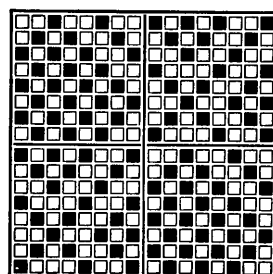
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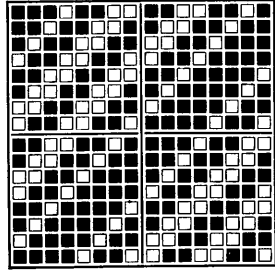


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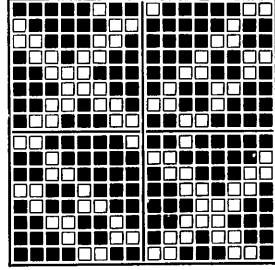


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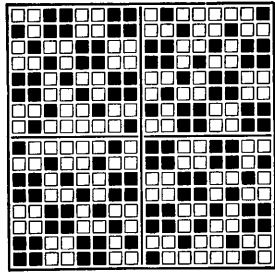
WEAVES COMPLETE ON 16 ENDS—(Continued)



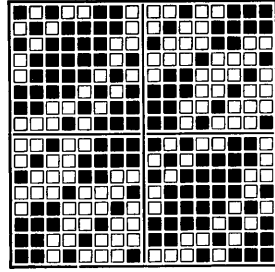
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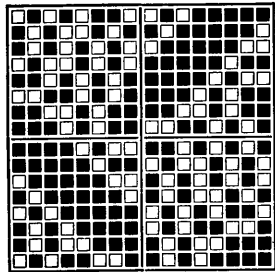
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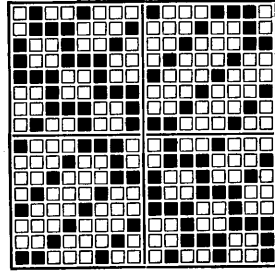
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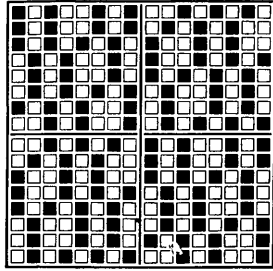


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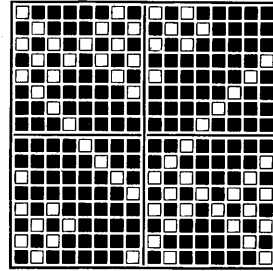


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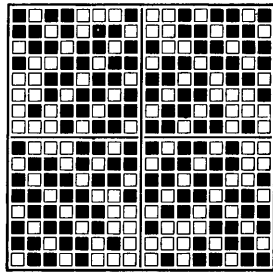
WEAVES COMPLETE ON 16 ENDS—(Continued)



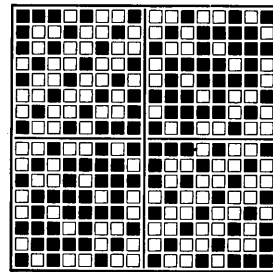
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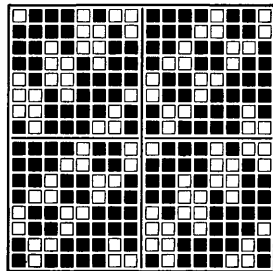
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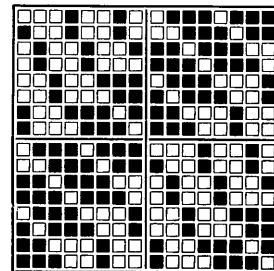
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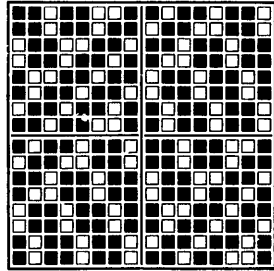


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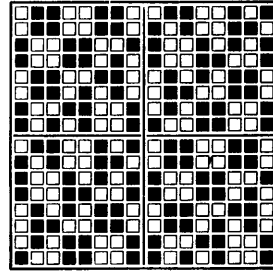


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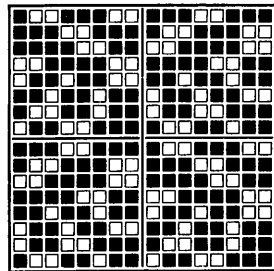
WEAVES COMPLETE ON 16 ENDS—(Continued)



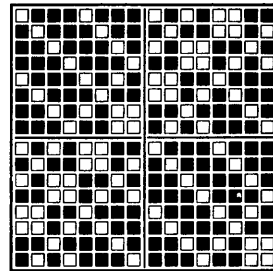
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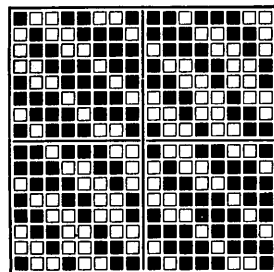
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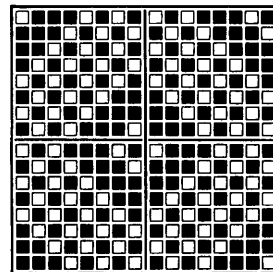
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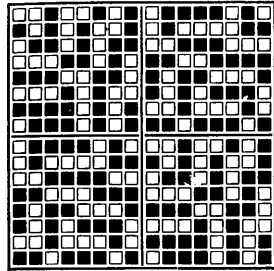


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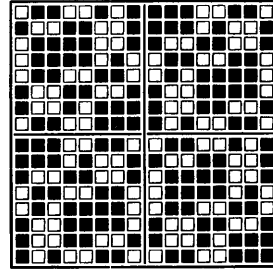


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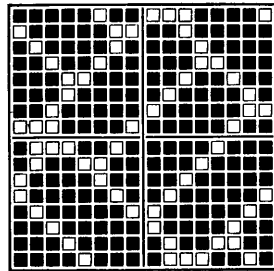
WEAVES COMPLETE ON 16 ENDS—(Continued)



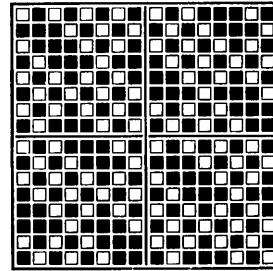
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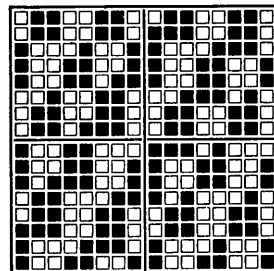
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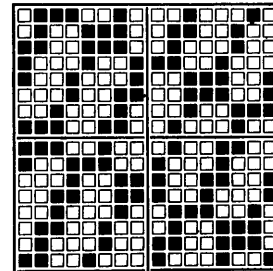
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362

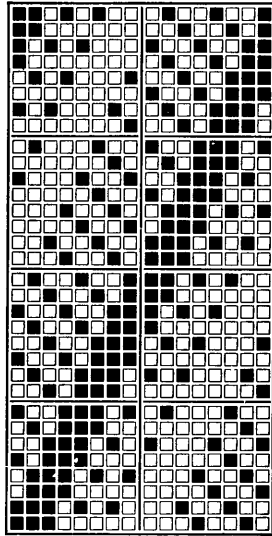


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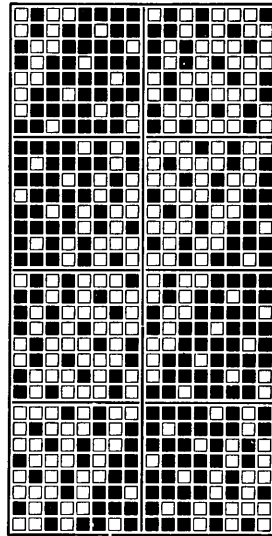


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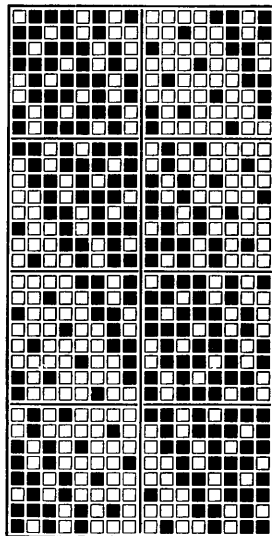
WEAVES COMPLETE ON 16 ENDS—(Continued)



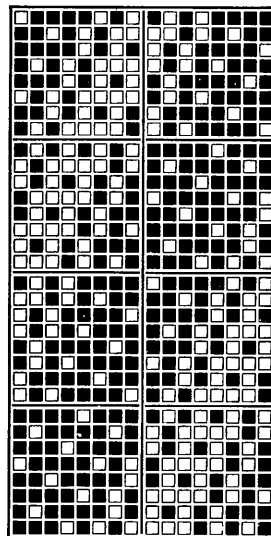
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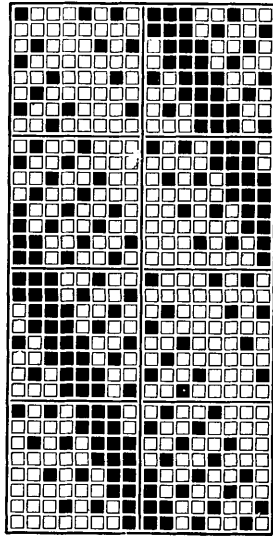


367

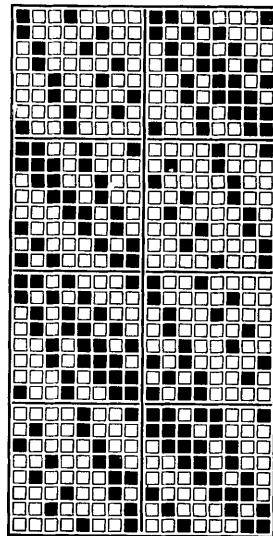


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WEAVES COMPLETE ON 16 ENDS--(Continued)

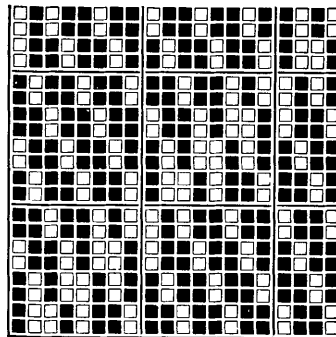


369

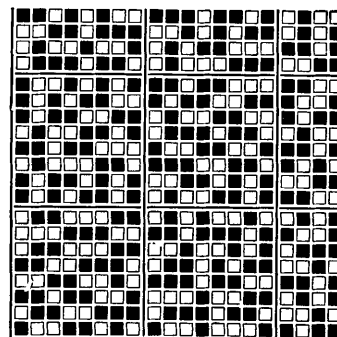


370

WEAVES COMPLETE ON 20 ENDS

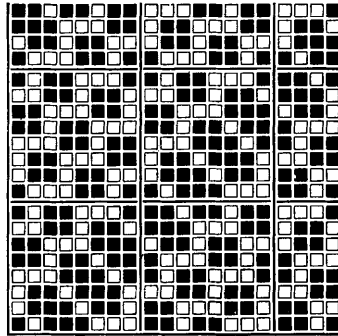


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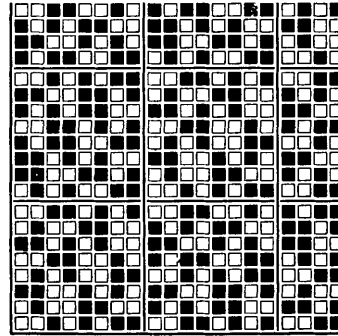


372

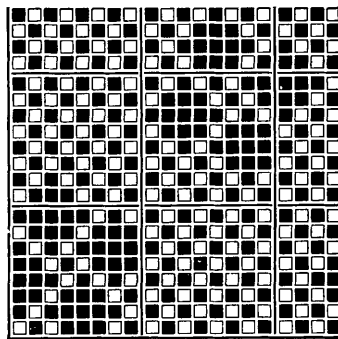
WEAVES COMPLETE ON 20 ENDS—(Continued)



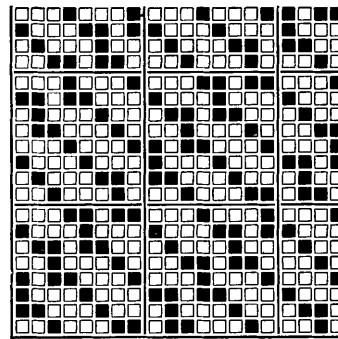
373



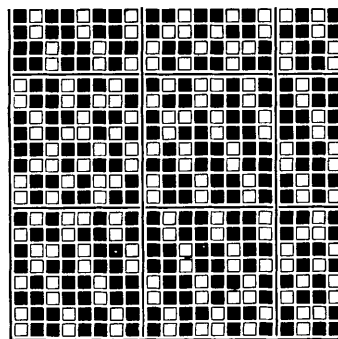
374



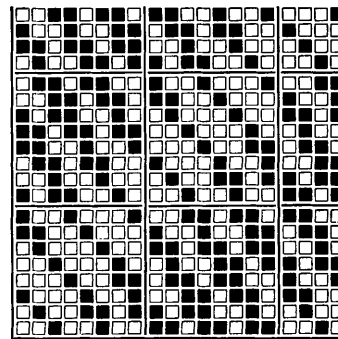
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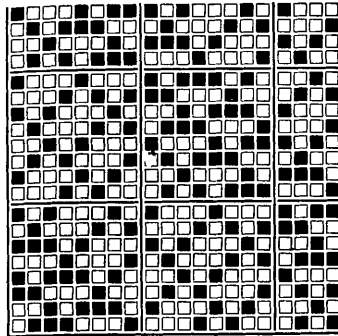


377

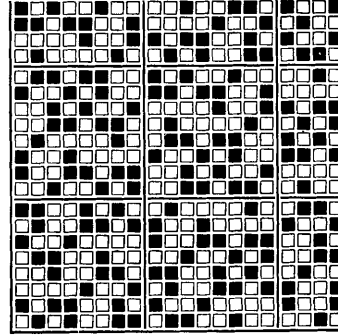


378

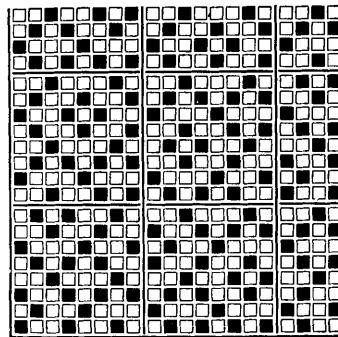
WEAVES COMPLETE ON 20 ENDS—(Continued)



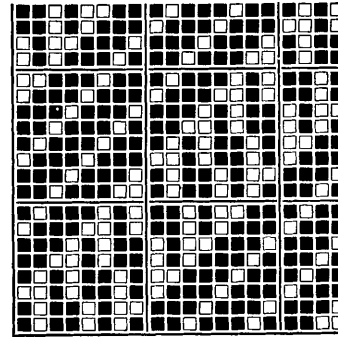
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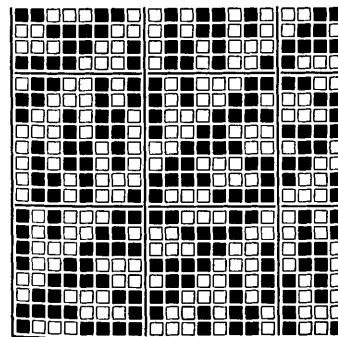
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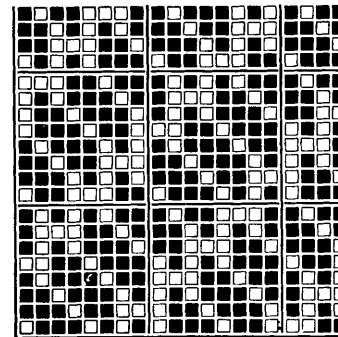
381



382

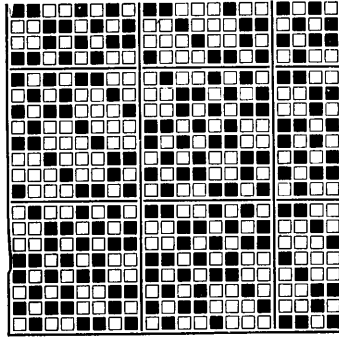


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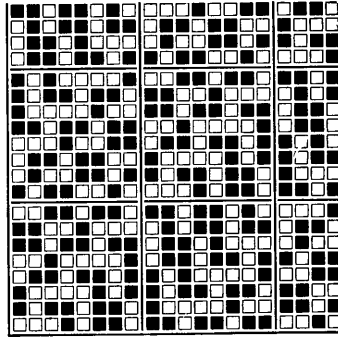


384

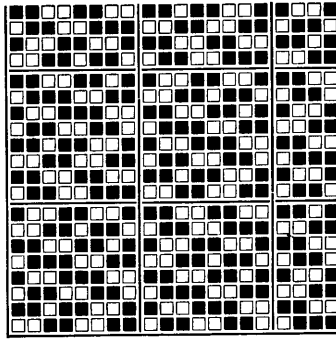
WEAVES COMPLETE ON 20 ENDS—(Continued)



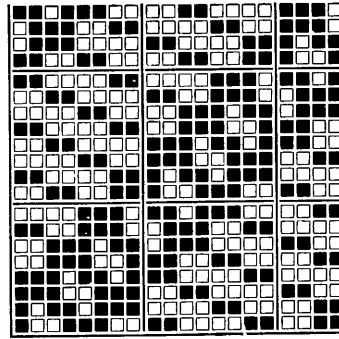
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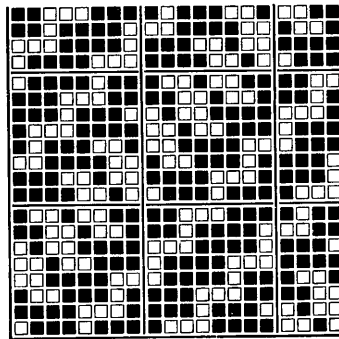
386



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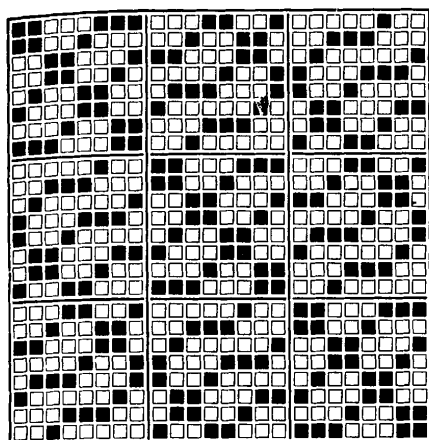


388

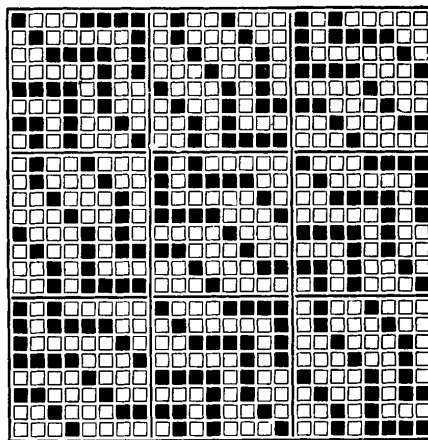


389

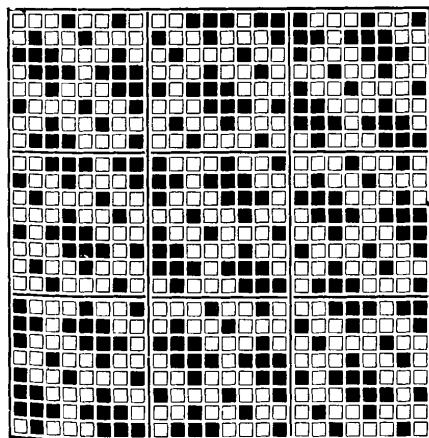
WEAVES COMPLETE ON 24 ENDS



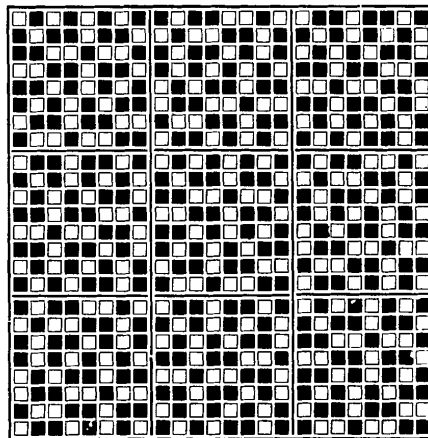
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391

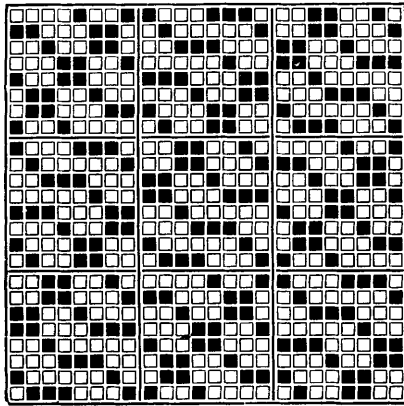


392

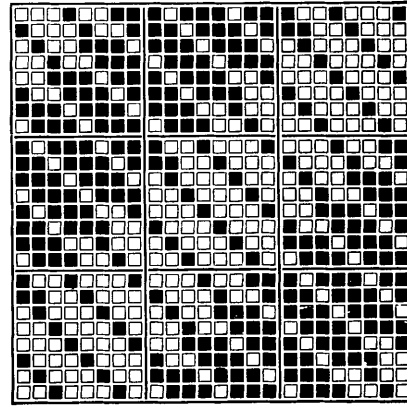


393

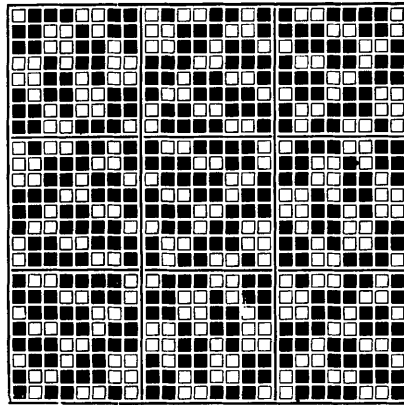
WEAVES COMPLETE ON 24 ENDS—(Continued)



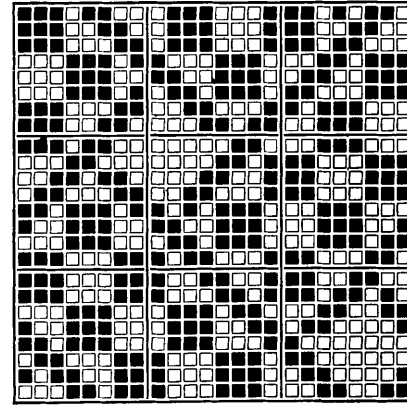
394



395

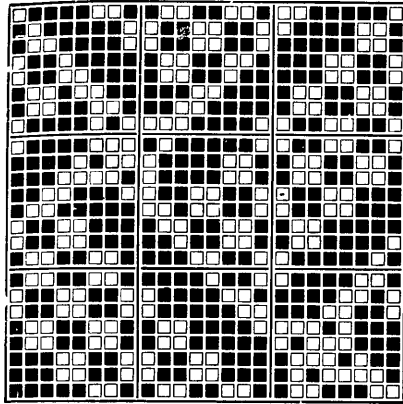


396

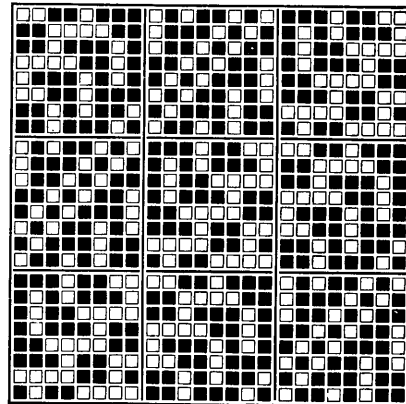


397

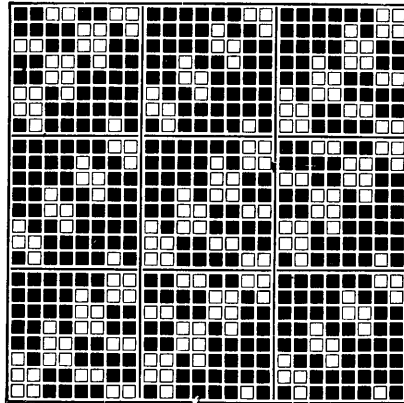
WEAVES COMPLETE ON 24 ENDS—(Continued)



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