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Remarques de l'auteur du rapport introductif
Bemerkungen des Verfassers des Einführungsberichtes
Comments by the author of the introductory report

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The discussions have presented additional data on the many varied applications of light-gage cold-formed steel for floors and buildings.

From a study of all the papers presented, I believe that we shall see more developments in prefabricated mass produced components in the coming years. Floor systems and entire building frameworks are being investigated for fabrication feasibility and economical costs.

Currently, roof joists using chords of cold-formed steel and beams fabricated with a fluted web welded to the cold-formed chords are being mass produced and used as roof beams competitively with other types of sections.

The most recent innovation for the application of light-gage cold-formed steel is in the construction of unitized boxes. These boxes are planned to be prefabricated of room size, fully furnished and stacked in some manner to be a hotel, hospital, apartment or office building. At present, many different studies are in the development stage and no doubt many economical methods will evolve.

The development of stainless steel for structural applications is currently being researched at Cornell University under the direction of Dr. George Winter and the results of the early studies have already been incorporated in a design specification for austenitic steels. This 1968 specification "Design of Light Gage Cold-Formed Stainless Steel Structural Members" is published by the American Iron and Steel Institute and is comparable to the specification for carbon and low-alloy steels.

I feel confident that the future will see more structural components fabricated from cold-formed carbon, low-alloy and stainless steels.

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