

研究室名	黒沢研究室 学会発表
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【発表者について】アンダーラインは本学教員、研究員および技術職員、○は発表者、※は大学院生、卒研生または卒業生

学会名	International Conference on Technology and Social Science 2021 (ICTSS 2021)
演題名	Study for Improving Volume of the Assembled Whistle
発表者	○ <u>黒沢良夫</u> 、小野真
内容	<p>We have developed a prefabricated whistle that is convenient to carry in order to call for help in the event of a disaster. Create by assembling business card-sized flat materials (Kent paper and coated paper used for ordinary business cards). This content has already been patented, but the volume (sound pressure level) was not sufficient.</p> <p>We will report the results of improving the sound pressure level and peak frequency by devising the internal structure and blowing method so that the rescuer can easily hear it. And, we will create a finite element model and introduce the results that qualitatively agree with the experimental results regarding the peak frequency.</p>